

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Costruction Co.		*2. H.M. Miller Construction		3. Schirmer Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$75,000.00	\$75,000.00	\$25,000.00	\$25,000.00	\$45,000.00	\$45,000.00	\$50,000.00	\$50,000.00
2	614	Maintaining Traffic	1	L.S.	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$8,500.00	\$8,500.00	\$30,000.00	\$30,000.00
3	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
4	619	Field Office	1	L.S.	\$6,000.00	\$6,000.00	\$2,500.00	\$2,500.00	\$10.00	\$10.00	\$20,000.00	\$20,000.00
5	623	Construction Layout Stakes	1	L.S.	\$26,000.00	\$26,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00
6	624	Mobilization	1	L.S.	\$60,000.00	\$60,000.00	\$5,000.00	\$5,000.00	\$181,795.00	\$181,795.00	\$40,000.00	\$40,000.00
<b>Bridge and Roadway</b>												
7	201	Clearing and Grubbing	1	L.S.	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$5,600.00	\$5,600.00	\$3,000.00	\$3,000.00
8	202	Structures Removed - Storm Vault	1	L.S.	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00
9	202	Portions of Structures Removed - Bartges Bridge	1	L.S.	\$60,000.00	\$60,000.00	\$40,000.00	\$40,000.00	\$150,000.00	\$150,000.00	\$100,000.00	\$100,000.00
10	202	Pipe Abandoned, 12 inch	200	L.F.	\$25.00	\$5,000.00	\$8.00	\$1,600.00	\$6.50	\$1,300.00	\$8.00	\$1,600.00
11	202	Manhole Abandoned	2	EACH	\$250.00	\$500.00	\$200.00	\$400.00	\$500.00	\$1,000.00	\$700.00	\$1,400.00
12	202	Manhole Removed	4	EACH	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$500.00	\$2,000.00	\$300.00	\$1,200.00
13	202	Catch Basin or Inlet Removed	2	EACH	\$200.00	\$400.00	\$50.00	\$100.00	\$250.00	\$500.00	\$300.00	\$600.00
14	202	Pipe Removed, 12 inch	140	L.F.	\$30.00	\$4,200.00	\$5.00	\$700.00	\$6.50	\$910.00	\$11.00	\$1,540.00
15	202	Pipe Removed, 20 inch - Water Pipe	170	L.F.	\$30.00	\$5,100.00	\$6.00	\$1,020.00	\$20.00	\$3,400.00	\$11.00	\$1,870.00
16	202	Pipe Removed, 24 inch	55	L.F.	\$40.00	\$2,200.00	\$15.00	\$825.00	\$20.00	\$1,100.00	\$11.00	\$605.00
17	202	Pipe Removed, 36 inch - Water Pipe	175	L.F.	\$40.00	\$7,000.00	\$15.00	\$2,625.00	\$20.00	\$3,500.00	\$25.00	\$4,375.00
18	202	Pipe Removed, 42 inch	80	L.F.	\$50.00	\$4,000.00	\$10.00	\$800.00	\$25.00	\$2,000.00	\$18.00	\$1,440.00
19	202	Light Pole Removed for Storage - Foundation Removed(Site)	1	EACH	\$450.00	\$450.00	\$150.00	\$150.00	\$400.00	\$400.00	\$450.00	\$450.00
20	202	Light Pole and Foundation Removed (Site)	4	EACH	\$250.00	\$1,000.00	\$150.00	\$600.00	\$250.00	\$1,000.00	\$400.00	\$1,600.00
21	202	Conduit Removed - Street Light, Communication	1110	L.F.	\$5.00	\$5,550.00	\$1.00	\$1,110.00	\$1.50	\$1,665.00	\$3.00	\$3,330.00
22	203	Excavation Including Embankment Construction	3275	C.Y.	\$15.00	\$49,125.00	\$8.00	\$26,200.00	\$9.00	\$29,475.00	\$13.00	\$42,575.00
23	203	Borrow	200	C.Y.	\$10.00	\$2,000.00	\$0.01	\$2.00	\$16.00	\$3,200.00	\$20.00	\$4,000.00
24	203	Subgrade Compaction	2620	S.Y.	\$4.00	\$10,480.00	\$1.00	\$2,620.00	\$1.50	\$3,930.00	\$1.25	\$3,275.00
25	203	Proof Rolling	2	HOUR	\$200.00	\$400.00	\$60.00	\$120.00	\$150.00	\$300.00	\$150.00	\$300.00
26	207	Filter Fabric Fence	900	L.F.	\$2.50	\$2,250.00	\$2.00	\$1,800.00	\$3.00	\$2,700.00	\$2.50	\$2,250.00
27	207	Concrete Wash Facility	1	EACH	\$1,500.00	\$1,500.00	\$250.00	\$250.00	\$2,000.00	\$2,000.00	\$600.00	\$600.00
28	207	Inlet Sediment Filter	5	EACH	\$250.00	\$1,250.00	\$50.00	\$250.00	\$170.00	\$850.00	\$400.00	\$2,000.00
29	301	4 Inch Bituminous Aggregate Base, Aggregate Base - Under Decorative Walk and Sidewalk,	100	C.Y.	\$80.00	\$8,000.00	\$150.00	\$15,000.00	\$114.00	\$11,400.00	\$141.00	\$14,100.00
30	304	Variable Thk. (Limestone)	60	C.Y.	\$55.00	\$3,300.00	\$40.00	\$2,400.00	\$30.00	\$1,800.00	\$40.00	\$2,400.00
31	304	Aggregate Base - Bikeway, 6" Thk. (Limestone)	125	C.Y.	\$55.00	\$6,875.00	\$40.00	\$5,000.00	\$45.00	\$5,625.00	\$40.00	\$5,000.00
32	304	Aggregate Base - Walkway, 6" Thk. (Limestone)	150	C.Y.	\$55.00	\$8,250.00	\$40.00	\$6,000.00	\$36.00	\$5,400.00	\$40.00	\$6,000.00
33	304	Aggregate Base - Pavement, 12" Thk. (Limestone)	700	C.Y.	\$55.00	\$38,500.00	\$34.00	\$23,800.00	\$31.00	\$21,700.00	\$40.00	\$28,000.00
34	407	Tack Coat	75	GAL.	\$2.00	\$150.00	\$3.00	\$225.00	\$2.00	\$150.00	\$3.00	\$225.00
Asphalt Concrete Surface Course, Type 1, 2" Thk. -												
35	448	Walkway	50	C.Y.	\$120.00	\$6,000.00	\$200.00	\$10,000.00	\$150.00	\$7,500.00	\$200.00	\$10,000.00
36	451	9 inch Reinforced Portland Cement Concrete Pavement	2100	S.Y.	\$70.00	\$147,000.00	\$47.00	\$98,700.00	\$37.00	\$77,700.00	\$45.00	\$94,500.00
37	456	Concrete Walk, 6 inches Thick (bikeway)	5500	S.F.	\$4.00	\$22,000.00	\$5.00	\$27,500.00	\$4.25	\$23,375.00	\$3.00	\$16,500.00
38	456	Concrete Walk, 6 inches Thick	4000	S.F.	\$5.00	\$20,000.00	\$5.00	\$20,000.00	\$4.00	\$16,000.00	\$3.00	\$12,000.00
39	456	Concrete Aprons, 6 inches Thick	1400	S.F.	\$6.00	\$8,400.00	\$5.00	\$7,000.00	\$4.00	\$5,600.00	\$3.00	\$4,200.00

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					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
40	460	Brick Walk, Standard	100	S.F.	\$15.00	\$1,500.00	\$22.00	\$2,200.00	\$12.00	\$1,200.00	\$16.00	\$1,600.00
41	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$30,000.00	\$30,000.00	\$120,000.00	\$120,000.00	\$204,672.50	\$204,672.50	\$30,000.00	\$30,000.00
42	506	Static Load Test	2	EACH	\$15,000.00	\$30,000.00	\$12,000.00	\$24,000.00	\$12,000.00	\$24,000.00	\$12,000.00	\$24,000.00
43	507	12 inch Auger Cast Reinforced Concrete Piles	4500	L.F.	\$70.00	\$315,000.00	\$16.50	\$74,250.00	\$13.48	\$60,660.00	\$11.50	\$51,750.00
44	509	Epoxy Coated Reinforcing Steel	45000	LBS.	\$1.25	\$56,250.00	\$1.00	\$45,000.00	\$0.70	\$31,500.00	\$1.06	\$47,700.00
45	510	Dowel Holes	488	EACH	\$11.00	\$5,368.00	\$8.00	\$3,904.00	\$15.00	\$7,320.00	\$7.00	\$3,416.00
46	511	Class 'C' Concrete, Footings	157	C.Y.	\$600.00	\$94,200.00	\$325.00	\$51,025.00	\$300.00	\$47,100.00	\$250.00	\$39,250.00
47	552	24 inch Storm Sewer, Type A or B, Class NR or B Bedding "as required"	53	L.F.	\$50.00	\$2,650.00	\$85.00	\$4,505.00	\$171.80	\$9,105.40	\$55.00	\$2,915.00
48	552	42 inch Storm Sewer, RCP , Type, Class B Bedding	89	L.F.	\$150.00	\$13,350.00	\$115.00	\$10,235.00	\$289.21	\$25,739.69	\$115.00	\$10,235.00
49	553	12 inch Inlet Connection,706.08 w/ 706.12,Class B Bedding	12	L.F.	\$50.00	\$600.00	\$50.00	\$600.00	\$60.00	\$720.00	\$85.00	\$1,020.00
50	553	12 inch Inlet Connection,706.02 w/ 706.11,Class B Bedding	20	L.F.	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$65.00	\$1,300.00	\$70.00	\$1,400.00
51	557	15 inch Sanitary Sewer, PVC Composite Class NR Bedding	205	L.F.	\$140.00	\$28,700.00	\$90.00	\$18,450.00	\$207.44	\$42,525.20	\$115.00	\$23,575.00
52	562	Manhole MH-2A on Sanitary Sewer	3	EACH	\$4,000.00	\$12,000.00	\$3,000.00	\$9,000.00	\$3,702.33	\$11,106.99	\$2,500.00	\$7,500.00
53	562	Manhole Slabtop MH-2B on Storm Sewer	1	EACH	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$3,295.00	\$3,295.00	\$3,000.00	\$3,000.00
54	562	Manhole MH-3C on Storm Sewer	3	EACH	\$5,000.00	\$15,000.00	\$2,500.00	\$7,500.00	\$5,708.00	\$17,124.00	\$6,500.00	\$19,500.00
55	562	Storm/San Manhole, As per Plan	1	EACH	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$5,961.00	\$5,961.00	\$6,000.00	\$6,000.00
56	562	Brick Manhole Adjusted	2	EACH	\$500.00	\$1,000.00	\$300.00	\$600.00	\$700.00	\$1,400.00	\$300.00	\$600.00
57	562	Manhole ReConstructed, MH-2B on Storm Sewer	1	EACH	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$2,436.00	\$2,436.00	\$650.00	\$650.00
58	562	Manhole Rebuilt	5	L.F.	\$100.00	\$500.00	\$200.00	\$1,000.00	\$250.00	\$1,250.00	\$350.00	\$1,750.00
59	562	Manhole Rechanneled	2	EACH	\$400.00	\$800.00	\$250.00	\$500.00	\$1,250.00	\$2,500.00	\$600.00	\$1,200.00
60	563	No. 5 Inlet	2	EACH	\$1,500.00	\$3,000.00	\$1,200.00	\$2,400.00	\$2,525.00	\$5,050.00	\$2,000.00	\$4,000.00
61	564	4 inch Pipe Underdrains	660	L.F.	\$6.00	\$3,960.00	\$4.00	\$2,640.00	\$6.50	\$4,290.00	\$10.00	\$6,600.00
62	604	Bank Run Gravel	250	C.Y.	\$30.00	\$7,500.00	\$0.01	\$2.50	\$15.00	\$3,750.00	\$30.00	\$7,500.00
63	608	Fence Removal and Reconstruction	80	L.F.	\$20.00	\$1,600.00	\$8.00	\$640.00	\$10.00	\$800.00	\$10.00	\$800.00
64	609	Engineering Geogrid for Roadways	2720	S.Y.	\$7.00	\$19,040.00	\$5.00	\$13,600.00	\$4.75	\$12,920.00	\$6.00	\$16,320.00
65	611	Modular Block Wall	950	S.F.	\$25.00	\$23,750.00	\$30.00	\$28,500.00	\$25.25	\$23,987.50	\$28.00	\$26,600.00
66	621	Lane Lines, 4 inch (Per ODOT 646)	1100	L.F.	\$2.00	\$2,200.00	\$2.00	\$2,200.00	\$0.50	\$550.00	\$2.00	\$2,200.00
67	622	Monument Boxes	1	EACH	\$500.00	\$500.00	\$400.00	\$400.00	\$370.00	\$370.00	\$500.00	\$500.00
68	625	Handhole, 24" x 36" x 24" Polymer Concrete (Communication)	4	EACH	\$600.00	\$2,400.00	\$450.00	\$1,800.00	\$709.00	\$2,836.00	\$750.00	\$3,000.00
69	625	3" Schedule 40 PVC Conduit (Communication)	750	L.F.	\$3.25	\$2,437.50	\$1.50	\$1,125.00	\$2.80	\$2,100.00	\$3.00	\$2,250.00
70	625	Trenching Including Backfill, including encasement (Communication)	375	L.F.	\$20.00	\$7,500.00	\$12.00	\$4,500.00	\$10.40	\$3,900.00	\$11.00	\$4,125.00
71	625	Trenching and Backfill(Communication)	20	L.F.	\$20.00	\$400.00	\$15.00	\$300.00	\$10.40	\$208.00	\$11.00	\$220.00
72	630	Traffic Sign - Type A	3	EACH	\$250.00	\$750.00	\$125.00	\$375.00	\$135.00	\$405.00	\$250.00	\$750.00
73	630	Traffic Sign - Type B	2	EACH	\$250.00	\$500.00	\$175.00	\$350.00	\$195.00	\$390.00	\$275.00	\$550.00
74	630	Traffic Sign Reset	3	EACH	\$100.00	\$300.00	\$100.00	\$300.00	\$100.00	\$300.00	\$75.00	\$225.00
75	630	Traffic Sign - Removed	5	EACH	\$25.00	\$125.00	\$20.00	\$100.00	\$35.00	\$175.00	\$40.00	\$200.00
76	653	Topsoil Furnished & Placed, 4" Thick	3400	S.Y.	\$5.00	\$17,000.00	\$2.75	\$9,350.00	\$1.65	\$5,610.00	\$3.25	\$11,050.00
77	659	Lawn Seeding and Mulching	2400	S.Y.	\$1.25	\$3,000.00	\$1.00	\$2,400.00	\$1.00	\$2,400.00	\$1.10	\$2,640.00

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78	662	Planting Shrubs (Dwarf Bush Honeysuckle) 18" Container #3	788	EACH	\$32.50	\$25,610.00	\$21.00	\$16,548.00	\$29.50	\$23,246.00	\$23.00	\$18,124.00
79	662	Planting Shrubs (Henry's Garnet Sweetspire) 18" Container #3	728	EACH	\$37.50	\$27,300.00	\$20.00	\$14,560.00	\$29.50	\$21,476.00	\$21.00	\$15,288.00
80	662	Planting Shrubs (Grow Low Sumac) 18" Container #3	147	EACH	\$38.75	\$5,696.25	\$12.00	\$1,764.00	\$28.80	\$4,233.60	\$14.00	\$2,058.00
81	663	Tree Planting in Lawn Area (American Sycamore) 3" B & B	2	EACH	\$565.00	\$1,130.00	\$350.00	\$700.00	\$245.00	\$490.00	\$400.00	\$800.00
82	663	Tree Planting in Lawn Area (American Yellowwood) 2.5" B & B	6	EACH	\$440.00	\$2,640.00	\$270.00	\$1,620.00	\$275.00	\$1,650.00	\$300.00	\$1,800.00
83	663	Tree Planting in Lawn Area (Goldenrain Tree) 2.5" B & B	7	EACH	\$450.00	\$3,150.00	\$270.00	\$1,890.00	\$275.00	\$1,925.00	\$300.00	\$2,100.00
84	669	Protecting Trees	1	L.S.	\$1,500.00	\$1,500.00	\$100.00	\$100.00	\$500.00	\$500.00	\$1,300.00	\$1,300.00
85	672	Park Sign, Reset	1	EACH	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$300.00	\$300.00	\$100.00	\$100.00
86	SPEC	Decorative Concrete Walk, 6" thick (Brick Red color)(median, lawnstrip)	1900	S.F.	\$14.00	\$26,600.00	\$10.00	\$19,000.00	\$6.25	\$11,875.00	\$6.00	\$11,400.00
87	SPEC	Wood Bollards	2	EACH	\$400.00	\$800.00	\$150.00	\$300.00	\$160.00	\$320.00	\$200.00	\$400.00
88	SPEC	Collapsible Wood Bollards	1	EACH	\$700.00	\$700.00	\$550.00	\$550.00	\$600.00	\$600.00	\$600.00	\$600.00
89	SPEC	Regulatory Sign	2	EACH	\$400.00	\$800.00	\$100.00	\$200.00	\$75.00	\$150.00	\$350.00	\$700.00
90	SPEC	Protective Railing (Parapet)	120	L.F.	\$200.00	\$24,000.00	\$90.00	\$10,800.00	\$146.00	\$17,520.00	\$146.00	\$17,520.00
91	SPEC	Protective Railing (Trail)	325	L.F.	\$200.00	\$65,000.00	\$120.00	\$39,000.00	\$131.00	\$42,575.00	\$131.00	\$42,575.00
92	SPEC	Asbestos Abatement Bartges Street Bridge materials and piping	1	L.S.	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$8,500.00	\$8,500.00	\$11,000.00	\$11,000.00
93	SPEC	Asbestos Abatement Insurance	1	L.S.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00
94	SPEC	Precast Hydrodynamic Stormwater Treatment System	1	EACH	\$150,000.00	\$150,000.00	\$32,000.00	\$32,000.00	\$36,194.00	\$36,194.00	\$60,000.00	\$60,000.00
95	SPEC	Pre-Manufactured Concrete Bridge 16' wide x 10' high x 96' long	1	EACH	\$216,000.00	\$216,000.00	\$160,000.00	\$160,000.00	\$272,000.00	\$272,000.00	\$225,000.00	\$225,000.00
96	SPEC	Pre-Manufactured Concrete Bridge 36' wide x 11' high x 96' long	1	EACH	\$457,000.00	\$457,000.00	\$310,000.00	\$310,000.00	\$435,000.00	\$435,000.00	\$400,000.00	\$400,000.00
<b>Water</b>												
97	202	Water Main Removed	300	L.F.	\$25.00	\$7,500.00	\$10.00	\$3,000.00	\$5.00	\$1,500.00	\$11.00	\$3,300.00
98	202	Water Main Valve Removed for Salvage	4	EACH	\$250.00	\$1,000.00	\$150.00	\$600.00	\$500.00	\$2,000.00	\$450.00	\$1,800.00
99	252	Trenches for Water Services in Earth	150	L.F.	\$15.00	\$2,250.00	\$10.00	\$1,500.00	\$15.00	\$2,250.00	\$7.00	\$1,050.00
100	254	4 inch Ductile Iron Pipe (Installation only)	20	L.F.	\$35.00	\$700.00	\$15.00	\$300.00	\$25.50	\$510.00	\$90.00	\$1,800.00
101	254	8 inch Ductile Iron Pipe (Installation only)	150	L.F.	\$35.00	\$5,250.00	\$25.00	\$3,750.00	\$27.00	\$4,050.00	\$100.00	\$15,000.00
102	254	16 inch Ductile Iron Pipe (Installation only)	400	L.F.	\$40.00	\$16,000.00	\$30.00	\$12,000.00	\$47.35	\$18,940.00	\$110.00	\$44,000.00
103	258	4 inch Gate Valve	1	EACH	\$500.00	\$500.00	\$500.00	\$500.00	\$990.60	\$990.60	\$1,000.00	\$1,000.00
104	258	8 inch Gate Valve	4	EACH	\$800.00	\$3,200.00	\$850.00	\$3,400.00	\$1,351.50	\$5,406.00	\$1,500.00	\$6,000.00
105	258	16 inch Butterfly Valve	2	EACH	\$2,750.00	\$5,500.00	\$2,300.00	\$4,600.00	\$4,873.80	\$9,747.60	\$4,000.00	\$8,000.00
106	259	8" x 4" Reducer	1	EACH	\$250.00	\$250.00	\$150.00	\$150.00	\$405.00	\$405.00	\$300.00	\$300.00
107	259	16" X 16" X 8" Tee	1	EACH	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,606.00	\$1,606.00	\$1,500.00	\$1,500.00
108	259	16" X 8" Cross	1	EACH	\$600.00	\$600.00	\$1,200.00	\$1,200.00	\$1,752.20	\$1,752.20	\$1,500.00	\$1,500.00
109	259	8" X 8" X 8" Tee	1	EACH	\$350.00	\$350.00	\$400.00	\$400.00	\$576.60	\$576.60	\$500.00	\$500.00
110	259	16" 22 1/2 Degree Bend	2	EACH	\$600.00	\$1,200.00	\$800.00	\$1,600.00	\$1,357.80	\$2,715.60	\$1,000.00	\$2,000.00

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					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
111	259	16" 45 Degree Bend	6	EACH	\$600.00	\$3,600.00	\$850.00	\$5,100.00	\$1,377.80	\$8,266.80	\$1,100.00	\$6,600.00
112	259	16" 11.25 Degree Bend Degree Bend	1	EACH	\$350.00	\$350.00	\$700.00	\$700.00	\$1,357.80	\$1,357.80	\$1,100.00	\$1,100.00
113	259	4" Solid Sleeve	1	EACH	\$250.00	\$250.00	\$100.00	\$100.00	\$357.60	\$357.60	\$250.00	\$250.00
114	259	8" Solid Sleeve	2	EACH	\$400.00	\$800.00	\$150.00	\$300.00	\$444.40	\$888.80	\$350.00	\$700.00
115	259	16" Solid Sleeve	2	EACH	\$600.00	\$1,200.00	\$700.00	\$1,400.00	\$1,323.80	\$2,647.60	\$1,000.00	\$2,000.00
116	259	Curb Meter Pit, as Per Plan	1	EACH	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$2,082.65	\$2,082.65	\$4,000.00	\$4,000.00
117	260	Fire Hydrants (B848 Hyd.)	1	EACH	\$3,000.00	\$3,000.00	\$2,200.00	\$2,200.00	\$3,199.00	\$3,199.00	\$5,000.00	\$5,000.00
118	261	Polyethylene Encasement 4 inch Pipe	20	L.F.	\$1.50	\$30.00	\$0.50	\$10.00	\$0.29	\$5.80	\$3.00	\$60.00
119	261	Polyethylene Encasement 8 inch Pipe	150	L.F.	\$1.50	\$225.00	\$0.50	\$75.00	\$0.29	\$43.50	\$3.00	\$450.00
120	261	Polyethylene Encasement 16 inch Pipe	400	L.F.	\$2.50	\$1,000.00	\$0.50	\$200.00	\$0.29	\$116.00	\$3.00	\$1,200.00
121	263	Tying Into Existing 4 inch Main	1	EACH	\$250.00	\$250.00	\$150.00	\$150.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
122	263	Tying Into Existing 8 inch Main	2	EACH	\$500.00	\$1,000.00	\$250.00	\$500.00	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00
123	263	Tying Into Existing 16 inch Main	2	EACH	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00
124	264	30 inch Steel Casing Pipe (.375 inch Min. Wall) -(Water Main)	73	L.F.	\$350.00	\$25,550.00	\$450.00	\$32,850.00	\$331.44	\$24,195.12	\$450.00	\$32,850.00
125	265	Water Main Valve Boxes Adjusted	1	EACH	\$200.00	\$200.00	\$100.00	\$100.00	\$150.00	\$150.00	\$300.00	\$300.00
126	266	Tapping Water Mains and Installing Services (2" Copper)	150	L.F.	\$25.00	\$3,750.00	\$25.00	\$3,750.00	\$25.00	\$3,750.00	\$35.00	\$5,250.00
<b>First Energy</b>												
127	202	Electrical Conduit Removal (Ohio Edison)	1	L.S.	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00
128	264	36 inch Steel Casing Pipe (.375 inch Min. Wall)	95	L.F.	\$420.00	\$39,900.00	\$450.00	\$42,750.00	\$354.11	\$33,640.45	\$600.00	\$57,000.00
129	625	5" Conduit	1575	L.F.	\$5.00	\$7,875.00	\$2.50	\$3,937.50	\$11.15	\$17,561.25	\$12.00	\$18,900.00
130	625	6" Conduit	4200	L.F.	\$6.00	\$25,200.00	\$3.00	\$12,600.00	\$17.90	\$75,180.00	\$18.00	\$75,600.00
131	625	Trenching and Backfill including Encasement, Section A-A	80	L.F.	\$60.00	\$4,800.00	\$70.00	\$5,600.00	\$103.55	\$8,284.00	\$65.00	\$5,200.00
132	625	Trenching and Backfill including Encasement, Section B-B	60	L.F.	\$60.00	\$3,600.00	\$45.00	\$2,700.00	\$64.60	\$3,876.00	\$65.00	\$3,900.00
133	625	Trenching and Backfill including Encasement, Section C-C	93	L.F.	\$70.00	\$6,510.00	\$80.00	\$7,440.00	\$35.00	\$3,255.00	\$65.00	\$6,045.00
134	625	Trenching and Backfill including Encasement, Section D-D	45	L.F.	\$70.00	\$3,150.00	\$70.00	\$3,150.00	\$97.45	\$4,385.25	\$65.00	\$2,925.00
135	625	Trenching and Backfill including Encasement, Section E-E	20	L.F.	\$85.00	\$1,700.00	\$100.00	\$2,000.00	\$121.85	\$2,437.00	\$65.00	\$1,300.00
136	625	Trenching and Backfill including Encasement, Section F-F	30	L.F.	\$75.00	\$2,250.00	\$40.00	\$1,200.00	\$54.70	\$1,641.00	\$35.00	\$1,050.00
137	625	Trenching and Backfill including Encasement, Section G-G	110	L.F.	\$60.00	\$6,600.00	\$70.00	\$7,700.00	\$97.75	\$10,752.50	\$65.00	\$7,150.00
138	625	Trenching and Backfill including Encasement, Section H-H	110	L.F.	\$45.00	\$4,950.00	\$65.00	\$7,150.00	\$82.10	\$9,031.00	\$35.00	\$3,850.00
<b>Lighting</b>												
139	202	Light Pole Removed for Reuse or Storage (Street Lighting)	2	EACH	\$250.00	\$500.00	\$150.00	\$300.00	\$211.50	\$423.00	\$225.00	\$450.00
140	202	Structures Removed - Light Pole Foundation	2	EACH	\$250.00	\$500.00	\$200.00	\$400.00	\$250.00	\$500.00	\$250.00	\$500.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Costruction Co.		*2. H.M. Miller Construction		3. Schirmer Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
141	625	Street Light Pole and Fixtures, Reset (Street Lighting)	2	EACH	\$1,000.00	\$2,000.00	\$185.00	\$370.00	\$211.20	\$422.40	\$225.00	\$450.00
142	625	Street Light Pole Foundation (Street Lighting)	2	EACH	\$2,000.00	\$4,000.00	\$780.00	\$1,560.00	\$651.00	\$1,302.00	\$700.00	\$1,400.00
143	625	Ground Rod (Street Lighting)	2	EACH	\$200.00	\$400.00	\$70.00	\$140.00	\$103.50	\$207.00	\$125.00	\$250.00
144	625	Handhole, 17" x 30" x 24" Polymer Concrete (Street Lighting)	2	EACH	\$600.00	\$1,200.00	\$250.00	\$500.00	\$486.25	\$972.50	\$500.00	\$1,000.00
145	625	2" Schedule 40 PVC Conduit (Street Lighting)	300	L.F.	\$3.00	\$900.00	\$2.00	\$600.00	\$1.80	\$540.00	\$2.00	\$600.00
146	625	Trenching Including Backfill, including encasement (Street Light)	300	L.F.	\$20.00	\$6,000.00	\$12.00	\$3,600.00	\$7.25	\$2,175.00	\$35.00	\$10,500.00
147	625	Trenching Including Backfill (Street Light)	20	L.F.	\$20.00	\$400.00	\$15.00	\$300.00	\$7.25	\$145.00	\$35.00	\$700.00
148	625	No. 4 AWG Distribution Cable Type XLP-USE 600 V Dist (Street Light)	1000	L.F.	\$2.25	\$2,250.00	\$1.60	\$1,600.00	\$2.05	\$2,050.00	\$2.05	\$2,050.00
149	625	No. 10 AWG Pole and Bracket Cable, Type THHN (Street Light)	300	L.F.	\$1.25	\$375.00	\$1.00	\$300.00	\$0.85	\$255.00	\$1.00	\$300.00
150	625	Fused Connector Kit (Street Light)	2	EACH	\$85.00	\$170.00	\$50.00	\$100.00	\$61.75	\$123.50	\$62.00	\$124.00
151	625	Unfused Connector Kit (Street Light)	2	EACH	\$85.00	\$170.00	\$50.00	\$100.00	\$58.75	\$117.50	\$60.00	\$120.00
152	625	Underground Mole Connector, 4 Outlet, Homac RXL-4 or Equal (Street Light)	4	EACH	\$100.00	\$400.00	\$65.00	\$260.00	\$63.25	\$253.00	\$64.00	\$256.00
153	625	Trenching Including Backfill - Section J-J (Trail & Site Lighting)	525	L.F.	\$20.00	\$10,500.00	\$12.00	\$6,300.00	\$7.65	\$4,016.25	\$8.00	\$4,200.00
154	625	Trenching Including Backfill - Section K-K (Trail & Site Lighting)	250	L.F.	\$20.00	\$5,000.00	\$12.00	\$3,000.00	\$6.90	\$1,725.00	\$7.00	\$1,750.00
155	625	Trenching Including Backfill - Section L-L (Trail & Site Lighting)	425	L.F.	\$20.00	\$8,500.00	\$12.00	\$5,100.00	\$7.65	\$3,251.25	\$8.00	\$3,400.00
156	625	Trenching Including Backfill - Section M-M (Trail & Site Lighting)	30	L.F.	\$20.00	\$600.00	\$20.00	\$600.00	\$6.90	\$207.00	\$7.00	\$210.00
157	625	1.5" Schedule 80 PVC Conduit (Trail & Site Lighting)	700	L.F.	\$2.00	\$1,400.00	\$1.00	\$700.00	\$2.10	\$1,470.00	\$2.50	\$1,750.00
158	625	2" Schedule 80 PVC Conduit (Trail & Site Lighting)	170	L.F.	\$25.00	\$4,250.00	\$2.00	\$340.00	\$2.60	\$442.00	\$3.00	\$510.00
159	625	5" Schedule 80 PVC Conduit (Trail & Site Lighting)	760	L.F.	\$3.00	\$2,280.00	\$3.50	\$2,660.00	\$6.55	\$4,978.00	\$7.00	\$5,320.00
160	625	Light Pole Complete, (Trail & Site Lighting)	12	EACH	\$5,000.00	\$60,000.00	\$4,000.00	\$48,000.00	\$2,487.50	\$29,850.00	\$2,500.00	\$30,000.00
161	625	350 MCM THWN Copper Wire, Ground (Trail & Site Lighting)	2300	L.F.	\$3.00	\$6,900.00	\$6.80	\$15,640.00	\$7.40	\$17,020.00	\$7.50	\$17,250.00
162	625	350 MCM THWN Wire, 600 V (Trail & Site Lighting)	14250	L.F.	\$3.50	\$49,875.00	\$6.80	\$96,900.00	\$7.40	\$105,450.00	\$7.50	\$106,875.00
163	625	#6 AWG THWN Copper Wire, Ground(Trail & Site Lighting)	815	L.F.	\$2.00	\$1,630.00	\$0.90	\$733.50	\$1.25	\$1,018.75	\$1.25	\$1,018.75
164	625	#6 AWG THWN Wire, 600 V(Trail & Site Lighting)	1630	L.F.	\$2.25	\$3,667.50	\$0.85	\$1,385.50	\$1.25	\$2,037.50	\$1.25	\$2,037.50
165	625	#10 AWG THWNCopper Wire, Ground (Trail & Site Lighting)	400	L.F.	\$2.00	\$800.00	\$1.00	\$400.00	\$0.85	\$340.00	\$1.00	\$400.00
166	625	#10 AWG THWN Wire, 600 V (Trail & Site Lighting)	1600	L.F.	\$2.25	\$3,600.00	\$0.80	\$1,280.00	\$0.85	\$1,360.00	\$1.00	\$1,600.00
167	625	Underground Mole Connector, 4 Outlet, (Trail & Site Lighting)	18	EACH	\$100.00	\$1,800.00	\$65.00	\$1,170.00	\$63.25	\$1,138.50	\$65.00	\$1,170.00
168	625	Handhole, 24"x36"x24" Polymer Concrete (Trail & Site Lighting)	2	EACH	\$700.00	\$1,400.00	\$450.00	\$900.00	\$709.00	\$1,418.00	\$750.00	\$1,500.00
169	625	Handhole, 17"x30"x24" Polymer Concrete (Trail & Site Lighting)	1	EACH	\$600.00	\$600.00	\$250.00	\$250.00	\$486.25	\$486.25	\$500.00	\$500.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Costruction Co.		*2. H.M. Miller Construction		3. Schirmer Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
170	SPEC	Lighting Circuit Connections (Trail & Site Lighting)	1	L.S.	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,115.00	\$2,115.00	\$2,500.00	\$2,500.00
<p style="text-align: center;"><b>AES TOWPATH TRAIL</b></p> <p style="text-align: center;"><b>SITE WORK</b></p>												
171	107	Type 3 Construction Barricade	1	L.S.	\$1,000.00	\$1,000.00	\$150.00	\$150.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00
172	201	Clearing and Grubbing	1	L.S.	\$20,000.00	\$20,000.00	\$1,500.00	\$1,500.00	\$4,200.00	\$4,200.00	\$3,000.00	\$3,000.00
173	202	Falor Street Bridge & Abutment Removal with Dewatering	1	L.S.	\$110,000.00	\$110,000.00	\$25,000.00	\$25,000.00	\$191,390.00	\$191,390.00	\$75,000.00	\$75,000.00
174	202	Falor Street Abutment Wall Sawcutting	42	L.F.	\$75.00	\$3,150.00	\$50.00	\$2,100.00	\$120.00	\$5,040.00	\$45.00	\$1,890.00
175	202	Concrete Canal Liner Removed	1416	S.Y.	\$36.00	\$50,976.00	\$5.00	\$7,080.00	\$7.42	\$10,506.72	\$27.00	\$38,232.00
176	202	Asphalt Pavement Removed	1218	S.Y.	\$8.00	\$9,744.00	\$2.00	\$2,436.00	\$2.00	\$2,436.00	\$10.00	\$12,180.00
177	202	Concrete Curb Sawcut & Removed	32	L.F.	\$10.00	\$320.00	\$10.00	\$320.00	\$7.00	\$224.00	\$40.00	\$1,280.00
178	202	Concrete Pavement Removed	18	S.Y.	\$27.00	\$486.00	\$14.00	\$252.00	\$10.00	\$180.00	\$11.00	\$198.00
179	202	Broken Concrete Pavement Removed	580	S.F.	\$3.00	\$1,740.00	\$1.00	\$580.00	\$0.50	\$290.00	\$4.00	\$2,320.00
180	202	Guardrail Removed	100	L.F.	\$4.00	\$400.00	\$2.00	\$200.00	\$2.50	\$250.00	\$3.00	\$300.00
181	202	Fence Removed	388	L.F.	\$5.00	\$1,940.00	\$1.00	\$388.00	\$1.50	\$582.00	\$3.00	\$1,164.00
182	202	Electronic Gate Removed	1	EACH	\$1,000.00	\$1,000.00	\$150.00	\$150.00	\$250.00	\$250.00	\$550.00	\$550.00
183	202	Gate Removed	2	EACH	\$500.00	\$1,000.00	\$150.00	\$300.00	\$100.00	\$200.00	\$200.00	\$400.00
184	202	Post Removed	2	L.S.	\$200.00	\$400.00	\$20.00	\$40.00	\$50.00	\$100.00	\$100.00	\$200.00
185	202	Valve Removed	1	EACH	\$150.00	\$150.00	\$185.00	\$185.00	\$250.00	\$250.00	\$450.00	\$450.00
186	202	Pump House Vault lines Removed	33	L.F.	\$17.00	\$561.00	\$5.00	\$165.00	\$10.00	\$330.00	\$60.00	\$1,980.00
187	202	Pump House Vault Removed	1	EACH	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
188	202	RR Track Removed	248	L.F.	\$50.00	\$12,400.00	\$5.00	\$1,240.00	\$15.00	\$3,720.00	\$8.00	\$1,984.00
189	202	Remove Bench	1	L.S.	\$200.00	\$200.00	\$100.00	\$100.00	\$150.00	\$150.00	\$300.00	\$300.00
190	202	Sheet Pile and Concrete Removed	13	L.F.	\$50.00	\$650.00	\$25.00	\$325.00	\$45.00	\$585.00	\$90.00	\$1,170.00
191	203	Embankment	1	L.S.	\$8,125.00	\$8,125.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$30,000.00	\$30,000.00
192	203	Excavation not including Embankment	1	L.S.	\$63,500.00	\$63,500.00	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$19,000.00	\$19,000.00
193	203	Subgrade Compaction	6029	S.Y.	\$1.50	\$9,043.50	\$1.00	\$6,029.00	\$1.50	\$9,043.50	\$1.25	\$7,536.25
194	203	Proof Rolling	10	HOUR	\$150.00	\$1,500.00	\$60.00	\$600.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00
195	207	Wattle Protection	1000	L.F.	\$2.50	\$2,500.00	\$2.00	\$2,000.00	\$2.15	\$2,150.00	\$5.00	\$5,000.00
196	207	Sediment Trap	1	L.S.	\$4,000.00	\$4,000.00	\$250.00	\$250.00	\$13,115.00	\$13,115.00	\$5,000.00	\$5,000.00
197	301	6" Bituminous Aggregate Base (Asphalt Pavement)	70	C.Y.	\$35.00	\$2,450.00	\$150.00	\$10,500.00	\$115.00	\$8,050.00	\$151.00	\$10,570.00
198	304	Aggregate Base, Limestone, 4 Inches Thick (Trail)	360	C.Y.	\$35.00	\$12,600.00	\$40.00	\$14,400.00	\$36.00	\$12,960.00	\$40.00	\$14,400.00
199	304	Aggregate Base, Limestone, 4 Inches Thick (Walk)	10	C.Y.	\$35.00	\$350.00	\$40.00	\$400.00	\$61.00	\$610.00	\$40.00	\$400.00
200	304	Aggregate Base, Limestone, 4 Inches Thick (Canal Liner)	31	C.Y.	\$35.00	\$1,085.00	\$40.00	\$1,240.00	\$76.00	\$2,356.00	\$40.00	\$1,240.00
201	304	Aggregate Stabilization	200	C.Y.	\$55.00	\$11,000.00	\$35.00	\$7,000.00	\$36.00	\$7,200.00	\$40.00	\$8,000.00
202	407	Tack Coat	40	Gal.	\$1.25	\$50.00	\$3.00	\$120.00	\$2.00	\$80.00	\$3.00	\$120.00
203	448	Asphalt Concrete Surface Course, Type 1, 1 1/4" Thick	15	C.Y.	\$125.00	\$1,875.00	\$225.00	\$3,375.00	\$150.00	\$2,250.00	\$250.00	\$3,750.00
204	456	Concrete Walk, 6 Inches Thick (Trail)	3231	S.Y.	\$40.00	\$129,240.00	\$35.00	\$113,085.00	\$32.40	\$104,684.40	\$27.00	\$87,237.00
205	456	Concrete Walk, 6 Inches Thick (Walk)	91	S.Y.	\$40.00	\$3,640.00	\$40.00	\$3,640.00	\$34.65	\$3,153.15	\$27.00	\$2,457.00
206	456	Concrete Walk, 8 Inches Thick (Canal Liner)	280	S.Y.	\$50.00	\$14,000.00	\$45.00	\$12,600.00	\$50.00	\$14,000.00	\$40.00	\$11,200.00
207	456	Concrete Curb Ramp	1	EACH	\$750.00	\$750.00	\$400.00	\$400.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
208	551	6" Storm Sewer, Type B, Class B Bedding	53	L.F.	\$38.00	\$2,014.00	\$15.00	\$795.00	\$30.00	\$1,590.00	\$50.00	\$2,650.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Costruction Co.		*2. H.M. Miller Construction		3. Schirmer Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
209	551	12" Storm Sewer, Type B, Class B Bedding	44	L.F.	\$38.00	\$1,672.00	\$30.00	\$1,320.00	\$40.00	\$1,760.00	\$60.00	\$2,640.00
210	562	Brick Manhole Adjusted	1	EACH	\$1,500.00	\$1,500.00	\$250.00	\$250.00	\$750.00	\$750.00	\$300.00	\$300.00
211	563	Catch Basin	1	EACH	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$1,800.00	\$1,800.00
212	606	Type 5 Guardrail (Falor St Bridge)	106	L.F.	\$80.00	\$8,480.00	\$20.00	\$2,120.00	\$21.50	\$2,279.00	\$30.00	\$3,180.00
213	607	96" Chain Link Fence, as per plan	1160	L.F.	\$50.00	\$58,000.00	\$30.00	\$34,800.00	\$34.21	\$39,683.60	\$35.00	\$40,600.00
214	607	96" Chain Link Fence (Surface Mounted), as per plan	120	L.F.	\$50.00	\$6,000.00	\$35.00	\$4,200.00	\$75.00	\$9,000.00	\$75.00	\$9,000.00
215	609	Engineering Geogrid	200	S.Y.	\$6.00	\$1,200.00	\$5.00	\$1,000.00	\$5.00	\$1,000.00	\$6.00	\$1,200.00
216	622	Monument Boxes @ monitoring Wells	2	EACH	\$1,000.00	\$2,000.00	\$350.00	\$700.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00
217	626	Geotextile Fabric 712.09, Type D	200	S.Y.	\$6.00	\$1,200.00	\$1.50	\$300.00	\$1.75	\$350.00	\$6.00	\$1,200.00
218	630	ODOT W12-2-18 Low Clearance Sign	2	EACH	\$300.00	\$600.00	\$100.00	\$200.00	\$39.50	\$79.00	\$250.00	\$500.00
219	651	Topsoil Stockpiled (Trucked off, assume 6" depth)	1	L.S.	\$6,500.00	\$6,500.00	\$2,500.00	\$2,500.00	\$3,600.00	\$3,600.00	\$6,000.00	\$6,000.00
220	653	Furnished and Placed Topsoil 4" depth	1	L.S.	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$6,800.00	\$6,800.00	\$12,000.00	\$12,000.00
221	659	Lawn Seeding and Mulching	1	L.S.	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00	\$3,111.00	\$3,111.00	\$4,000.00	\$4,000.00
222	662	Diervilla Ionicera	102	EACH	\$48.00	\$4,896.00	\$24.00	\$2,448.00	\$29.50	\$3,009.00	\$28.00	\$2,856.00
223	662	Physocarpus opulifolius 'Summer Wine'	95	EACH	\$54.00	\$5,130.00	\$25.00	\$2,375.00	\$30.25	\$2,873.75	\$28.00	\$2,660.00
224	662	Viburnum detatum 'Blubzam'	95	EACH	\$54.00	\$5,130.00	\$26.00	\$2,470.00	\$33.95	\$3,225.25	\$30.00	\$2,850.00
225	662	Viburnum detatum 'Rastzam'	97	EACH	\$54.00	\$5,238.00	\$26.00	\$2,522.00	\$33.95	\$3,293.15	\$30.00	\$2,910.00
226	668	Seeding and Excelsior Matting	1	L.S.	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00	\$1,750.00	\$1,750.00	\$3,000.00	\$3,000.00
227	SPEC	Steel Railing, as per plan	1061	L.F.	\$150.00	\$159,150.00	\$120.00	\$127,320.00	\$131.00	\$138,991.00	\$131.00	\$138,991.00
228	SPEC	Steel Railing (Surface Mounted), as per plan	20	L.F.	\$150.00	\$3,000.00	\$95.00	\$1,900.00	\$146.00	\$2,920.00	\$146.00	\$2,920.00
229	SPEC	Interpretive Sign	3	EACH	\$2,000.00	\$6,000.00	\$500.00	\$1,500.00	\$1,000.00	\$3,000.00	\$2,500.00	\$7,500.00
230	SPEC	Asbestos Abatement (Utility & Falor St Bridges)	1	L.S.	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00	\$26,000.00	\$26,000.00
231	SPEC	Construction Fence, as per plan	125	L.F.	\$10.00	\$1,250.00	\$5.00	\$625.00	\$6.00	\$750.00	\$6.00	\$750.00
232	SPEC	Concrete Washout Facility, as per plan	1	EACH	\$1,500.00	\$1,500.00	\$150.00	\$150.00	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00
233	SPEC	Construction Entrance, as per plan	1	EACH	\$550.00	\$550.00	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00
234	SPEC	Box Culvert 'A', as per plan	1	EACH	\$7,000.00	\$7,000.00	\$15,000.00	\$15,000.00	\$23,530.00	\$23,530.00	\$20,000.00	\$20,000.00
235	SPEC	Box Culvert 'B', as per plan	1	EACH	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	\$17,664.00	\$17,664.00	\$17,000.00	\$17,000.00
<b>UTILITY WORK (NO DOMESTIC WATER OR STEAM)</b>												
Fuel Oil Transmission Pump Removal & all Associated												
236	202	Work	1	L.S.	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$15,000.00	\$15,000.00
237	202	10" & Smaller Pipe Removed (Falor Street)	5100	L.F.	\$15.00	\$76,500.00	\$1.00	\$5,100.00	\$2.00	\$10,200.00	\$6.00	\$30,600.00
238	202	8" & Smaller Pipe Removed (Utility Bridge)	160	L.F.	\$10.00	\$1,600.00	\$10.00	\$1,600.00	\$10.00	\$1,600.00	\$15.00	\$2,400.00
239	202	4" Chill Water Lines Removed	758	L.F.	\$7.50	\$5,685.00	\$5.00	\$3,790.00	\$4.00	\$3,032.00	\$13.00	\$9,854.00
240	202	Concrete Pavement Removed (Falor Street)	300	SY	\$36.00	\$10,800.00	\$15.00	\$4,500.00	\$5.00	\$1,500.00	\$11.00	\$3,300.00
241	202	Concrete Removed (Utility Bridge)	1	S.Y.	\$50.00	\$50.00	\$500.00	\$500.00	\$450.00	\$450.00	\$250.00	\$250.00
Electrical Line Removal & all Associated Work (Falor												
242	202	Street)	1	L.S.	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
243	251	10" & Smaller Pipe Plugged (Falor Street)	20	EACH	\$500.00	\$10,000.00	\$20.00	\$400.00	\$220.00	\$4,400.00	\$11.00	\$220.00
244	SPEC	4" Chill Water Lines, Exposed, as per plan	200	L.F.	\$150.00	\$30,000.00	\$120.00	\$24,000.00	\$52.90	\$10,580.00	\$120.00	\$24,000.00
245	SPEC	4" Chill Water Lines, Trench Section, as per plan	710	L.F.	\$100.00	\$71,000.00	\$60.00	\$42,600.00	\$59.56	\$42,287.60	\$110.00	\$78,100.00
246	SPEC	6" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$60.00	\$1,800.00	\$150.00	\$4,500.00	\$458.33	\$13,749.90	\$210.00	\$6,300.00
247	SPEC	3" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$45.00	\$1,350.00	\$65.00	\$1,950.00	\$325.00	\$9,750.00	\$130.00	\$3,900.00
248	SPEC	4" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$50.00	\$1,500.00	\$150.00	\$4,500.00	\$325.00	\$9,750.00	\$185.00	\$5,550.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Costruction Co.		*2. H.M. Miller Construction		3. Schirmer Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>LIGHTING</b>												
249	625	Light poles, fiberglass pole, excl concrete bases	34.00	EACH	\$600.00	\$20,400.00	\$1,500.00	\$51,000.00	\$1,583.50	\$53,839.00	\$1,600.00	\$54,400.00
250	625	LED acorn post top fixture, excl pole	34.00	EACH	\$1,650.00	\$56,100.00	\$1,400.00	\$47,600.00	\$1,631.75	\$55,479.50	\$1,650.00	\$56,100.00
251	625	Cast in Place Concrete Pole Base	34.00	EACH	\$1,500.00	\$51,000.00	\$800.00	\$27,200.00	\$651.25	\$22,142.50	\$700.00	\$23,800.00
252	625	Fustat, 120 V, 0.3 to 14 amp	68.00	EACH	\$22.00	\$1,496.00	\$70.00	\$4,760.00	\$59.35	\$4,035.80	\$60.00	\$4,080.00
253	625	PVC conduit, schdl 40, 5" diameter, incl terminations, fittings & support	2,400.00	L.F.	\$36.50	\$87,600.00	\$3.75	\$9,000.00	\$6.55	\$15,720.00	\$7.00	\$16,800.00
254	625	PVC conduit schdl 40, 1-1/2" diameter, incl terminations, fittings & support	2,000.00	L.F.	\$19.55	\$39,100.00	\$2.00	\$4,000.00	\$2.10	\$4,200.00	\$2.10	\$4,200.00
255	625	Weatherproof Pull Box with bolt on cover	2.00	EACH	\$685.00	\$1,370.00	\$350.00	\$700.00	\$709.00	\$1,418.00	\$725.00	\$1,450.00
256	625	Grounding rod, copper clad, 8' long, 3/4" diameter	34.00	EACH	\$137.00	\$4,658.00	\$75.00	\$2,550.00	\$90.50	\$3,077.00	\$91.00	\$3,094.00
<b>STRUCTURAL</b>												
257	203	Embankment, Granular Materials	2325	C.Y.	\$30.00	\$69,750.00	\$12.00	\$27,900.00	\$24.52	\$57,009.00	\$40.00	\$93,000.00
258	503	Steel Sheet Piling Wall #1 w/ dewatering, as per plan	33925	S.F.	\$33.00	\$1,119,525.00	\$23.50	\$797,237.50	\$21.38	\$725,316.50	\$31.00	\$1,051,675.00
259	503	Steel Sheet Piling Wall #2, as per plan	5258	S.F.	\$35.25	\$185,344.50	\$33.50	\$176,143.00	\$31.21	\$164,102.18	\$48.00	\$252,384.00
260	518	Porous Backfill w/ Filter Fabric	101	C.Y.	\$65.00	\$6,565.00	\$45.00	\$4,545.00	\$1.00	\$101.00	\$50.00	\$5,050.00
261	551	4" Perforated Plastic Pipe	1200	L.F.	\$15.00	\$18,000.00	\$4.00	\$4,800.00	\$16.55	\$19,860.00	\$9.00	\$10,800.00
262	SPEC	Reinforced Concrete Wall w/ dewatering, as per plan	24	C.Y.	\$770.00	\$18,480.00	\$700.00	\$16,800.00	\$1,300.00	\$31,200.00	\$600.00	\$14,400.00
263	SPEC	Structural Survey and Monitoring of Vibrations, as per plan	1	Lump	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$30,520.00	\$30,520.00	\$21,000.00	\$21,000.00
<b>DOMESTIC WATER LINE WORK</b>												
264	202	25" Pipe Removed (Falor Street)	100	L.F.	\$30.00	\$3,000.00	\$8.00	\$800.00	\$20.00	\$2,000.00	\$24.00	\$2,400.00
265	202	36" Pipe Removed (Falor Street)	172	L.F.	\$40.00	\$6,880.00	\$10.00	\$1,720.00	\$25.00	\$4,300.00	\$24.00	\$4,128.00
266	202	10" & Smaller Pipe Removed (Falor Street)	100	L.F.	\$15.00	\$1,500.00	\$5.00	\$500.00	\$10.00	\$1,000.00	\$18.00	\$1,800.00
267	251	10" & Smaller Pipe Plugged (Falor Street)	2	EACH	\$500.00	\$1,000.00	\$50.00	\$100.00	\$300.00	\$600.00	\$250.00	\$500.00
268	251	25" Pipe Plugged (Falor Street)	2	EACH	\$1,000.00	\$2,000.00	\$50.00	\$100.00	\$1,030.00	\$2,060.00	\$1,000.00	\$2,000.00
269	251	36" Pipe Plugged (Falor Street)	2	EACH	\$1,000.00	\$2,000.00	\$50.00	\$100.00	\$1,525.00	\$3,050.00	\$1,700.00	\$3,400.00
270	267	Hydrant Removal (Falor St Bridge)	1	EACH	\$3,500.00	\$3,500.00	\$500.00	\$500.00	\$650.00	\$650.00	\$600.00	\$600.00
271	254	10" Ductile Iron Water Service (Falor Street)	715	L.F.	\$125.00	\$89,375.00	\$80.00	\$57,200.00	\$75.53	\$54,003.95	\$100.00	\$71,500.00
272	261	Polyethylene Encasement	715	L.F.	\$2.00	\$1,430.00	\$0.50	\$357.50	\$0.29	\$207.35	\$3.00	\$2,145.00
<b>STEAM LINE WORK</b>												
273	202	Steam Line Removed (Falor St, west bank)	510	L.F.	\$7.50	\$3,825.00	\$8.00	\$4,080.00	\$5.00	\$2,550.00	\$13.00	\$6,630.00
274	202	3" Steam Line Removed (Utility Bridge)	70	L.F.	\$15.00	\$1,050.00	\$10.00	\$700.00	\$20.00	\$1,400.00	\$15.00	\$1,050.00
275	SPEC	3" Steam Line, As Per Plan	80	L.F.	\$250.00	\$20,000.00	\$80.00	\$6,400.00	\$196.56	\$15,724.80	\$125.00	\$10,000.00
276	SPEC	12" Steam Line (Falor St, west bank), as per plan	155	L.F.	\$300.00	\$46,500.00	\$550.00	\$85,250.00	\$377.75	\$58,551.25	\$675.00	\$104,625.00
277	SPEC	8" Condensate (Falor St, west bank), as per plan	155	L.F.	\$300.00	\$46,500.00	\$455.00	\$70,525.00	\$344.79	\$53,442.45	\$575.00	\$89,125.00
278	SPEC	10" Steam Line, as per plan	155	L.F.	\$300.00	\$46,500.00	\$485.00	\$75,175.00	\$368.73	\$57,153.15	\$560.00	\$86,800.00
<b>ALTERNATE #1</b>												
279	202	Structures Removed - Existing Pedestrian Bridge	1	L.S.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$18,000.00	\$18,000.00	\$35,000.00	\$35,000.00
280	203	Excavation Including Embankment Construction	150	C.Y.	\$15.00	\$2,250.00	\$10.00	\$1,500.00	\$10.00	\$1,500.00	\$18.00	\$2,700.00
281	203	Borrow	200	C.Y.	\$10.00	\$2,000.00	\$5.00	\$1,000.00	\$17.00	\$3,400.00	\$21.00	\$4,200.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Costruction Co.		*2. H.M. Miller Construction		3. Schirmer Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
282	203	Proof Rolling	1	HOUR	\$200.00	\$200.00	\$60.00	\$60.00	\$250.00	\$250.00	\$150.00	\$150.00
283	207	Filter Fabric Fence	400	L.F.	\$2.50	\$1,000.00	\$2.00	\$800.00	\$3.50	\$1,400.00	\$2.50	\$1,000.00
284	207	Inlet Sediment Filter	1	EACH	\$250.00	\$250.00	\$70.00	\$70.00	\$175.00	\$175.00	\$400.00	\$400.00
285	301	4 Inch Bituminous Aggregate Base,	75	C.Y.	\$80.00	\$6,000.00	\$150.00	\$11,250.00	\$95.00	\$7,125.00	\$170.00	\$12,750.00
286	304	Aggregate Base - Bikeway, 6" Thk. (Limestone)	95	C.Y.	\$55.00	\$5,225.00	\$40.00	\$3,800.00	\$41.00	\$3,895.00	\$40.00	\$3,800.00
287	304	Aggregate Base - Walkway, 6" Thk. (Limestone)	100	C.Y.	\$55.00	\$5,500.00	\$40.00	\$4,000.00	\$41.00	\$4,100.00	\$40.00	\$4,000.00
288	304	Aggregate Base - Approach Slab, 6" Thk. (Limestone)	4	C.Y.	\$55.00	\$220.00	\$40.00	\$160.00	\$151.00	\$604.00	\$40.00	\$160.00
289	407	Tack Coat	70	GAL.	\$2.00	\$140.00	\$3.00	\$210.00	\$2.50	\$175.00	\$3.00	\$210.00
290	448	Asphalt Concrete Surface Course, Type 1, 2" Thk. - Walkway	36	C.Y.	\$120.00	\$4,320.00	\$200.00	\$7,200.00	\$150.00	\$5,400.00	\$205.00	\$7,380.00
291	456	Concrete Walk, 6 inches Thick (bikeway)	5100	S.F.	\$4.00	\$20,400.00	\$5.00	\$25,500.00	\$4.20	\$21,420.00	\$3.00	\$15,300.00
292	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$45,000.00	\$45,000.00	\$3,000.00	\$3,000.00
293	506	Test Pile	1	EACH	\$182.50	\$182.50	\$12,000.00	\$12,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00
294	507	14 inch Auger Cast Reinforced Concrete Piles	540	L.F.	\$70.00	\$37,800.00	\$45.00	\$24,300.00	\$30.30	\$16,362.00	\$24.00	\$12,960.00
295	509	Epoxy Coated Reinforcing Steel	7050	LBS.	\$1.25	\$8,812.50	\$1.00	\$7,050.00	\$0.90	\$6,345.00	\$1.10	\$7,755.00
296	511	Class 'C' Concrete, Footings	37	C.Y.	\$600.00	\$22,200.00	\$255.00	\$9,435.00	\$300.00	\$11,100.00	\$315.00	\$11,655.00
297	511	Class 'C' Concrete, Abutments, Wingwalls & Approach Slabs	65	C.Y.	\$600.00	\$39,000.00	\$385.00	\$25,025.00	\$450.00	\$29,250.00	\$490.00	\$31,850.00
298	518	Porous Backfill, 2' Wide w/ Geotextile Fabric, Non-Woven (ODOT)	46	C.Y.	\$50.00	\$2,300.00	\$50.00	\$2,300.00	\$40.00	\$1,840.00	\$50.00	\$2,300.00
299	518	6" Perforated Corrugated Plastic Pipe including Specials (ODOT)	60	L.F.	\$20.00	\$1,200.00	\$8.00	\$480.00	\$6.00	\$360.00	\$9.00	\$540.00
300	518	6" Non-perforated Corrugated Plastic Pipe including Specials (ODOT)	14	L.F.	\$20.00	\$280.00	\$12.00	\$168.00	\$10.00	\$140.00	\$9.00	\$126.00
301	609	Engineering Geogrid for Roadways	1270	S.Y.	\$7.00	\$8,890.00	\$5.00	\$6,350.00	\$5.00	\$6,350.00	\$6.00	\$7,620.00
302	611	Modular Block Wall	800	S.F.	\$25.00	\$20,000.00	\$30.00	\$24,000.00	\$25.25	\$20,200.00	\$29.00	\$23,200.00
303	625	Trenching Including Backfill - Section L-L (Trail & Site Lighting)	350	L.F.	\$20.00	\$7,000.00	\$12.00	\$4,200.00	\$7.65	\$2,677.50	\$11.00	\$3,850.00
304	625	1.5" Schedule 80 PVC Conduit (Trail & Site Lighting)	350	L.F.	\$2.00	\$700.00	\$1.50	\$525.00	\$2.10	\$735.00	\$3.00	\$1,050.00
305	625	#6 AWG THWN Copper Wire, Ground(Trail & Site Lighting)	420	L.F.	\$2.00	\$840.00	\$0.85	\$357.00	\$1.25	\$525.00	\$2.00	\$840.00
306	625	#6 AWG THWN Wire, 600 V(Trail & Site Lighting)	840	L.F.	\$2.25	\$1,890.00	\$0.90	\$756.00	\$1.25	\$1,050.00	\$2.00	\$1,680.00
307	625	Underground Mole Connector, 4 Outlet, (Trail & Site Lighting)	4	EACH	\$100.00	\$400.00	\$65.00	\$260.00	\$63.25	\$253.00	\$65.00	\$260.00
308	625	Handhole, 17"x30"x24" Polymer Concrete (Trail & Site Lighting)	2	EACH	\$600.00	\$1,200.00	\$250.00	\$500.00	\$486.25	\$972.50	\$500.00	\$1,000.00
309	625	Light Pole Complete, (Trail & Site Lighting)	4	EACH	\$5,000.00	\$20,000.00	\$4,000.00	\$16,000.00	\$2,487.50	\$9,950.00	\$2,500.00	\$10,000.00
310	653	Topsoil Furnished & Placed, 4" Thick	1200	S.Y.	\$5.00	\$6,000.00	\$2.75	\$3,300.00	\$2.85	\$3,420.00	\$3.25	\$3,900.00
311	659	Lawn Seeding and Mulching	1050	S.Y.	\$1.25	\$1,312.50	\$1.00	\$1,050.00	\$1.00	\$1,050.00	\$1.25	\$1,312.50
312	662	Planting Shrubs (Henry's Garnet Sweetspire) 18"	237	EACH	\$37.50	\$8,887.50	\$25.00	\$5,925.00	\$29.50	\$6,991.50	\$30.00	\$7,110.00
313	SPEC	Container #3	4	EACH	\$400.00	\$1,600.00	\$150.00	\$600.00	\$225.00	\$900.00	\$160.00	\$640.00
314	SPEC	Wood Bollards	2	EACH	\$700.00	\$1,400.00	\$550.00	\$1,100.00	\$985.00	\$1,970.00	\$600.00	\$1,200.00
315	SPEC	Collapsible Wood Bollards	4	EACH	\$400.00	\$1,600.00	\$70.00	\$280.00	\$75.00	\$300.00	\$350.00	\$1,400.00
315	SPEC	Regulatory Sign	4	EACH	\$400.00	\$1,600.00	\$70.00	\$280.00	\$75.00	\$300.00	\$350.00	\$1,400.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. Kenmore Costruction Co. PRICE	1. Kenmore Costruction Co. AMOUNT	*2. H.M. Miller Construction PRICE	*2. H.M. Miller Construction AMOUNT	3. Schirmer Construction PRICE	3. Schirmer Construction AMOUNT
316	SPEC	Protective Railing (Trail)	200	L.F.	\$200.00	\$40,000.00	\$115.00	\$23,000.00	\$131.00	\$26,200.00	\$131.00	\$26,200.00
317	SPEC	Pre-manufactured Steel Pedestrian Bridge Structure	1	L.S.	\$160,000.00	\$160,000.00	\$150,000.00	\$150,000.00	\$155,000.00	\$155,000.00	\$111,000.00	\$111,000.00
TOTAL CONSTRUCTION COSTS						\$5,806,863.25	\$3,928,110.00	\$4,870,317.45			\$5,132,737.50	
+/- ENGINEER'S ESTIMATE							-32.4%	-16.1%			-11.6%	
<b><u>ALTERNATE #1</u></b>												
TOTAL CONSTRUCTION COSTS						\$450,000.00	\$389,511.00	\$437,385.50			\$380,498.50	
+/- ENGINEER'S ESTIMATE							-13.4%	-2.8%			-15.4%	

\* Ref. #6 change neither dated nor initialed, ODOT's 2008 ARRA LPA Template "has" or "has not" not circled

\*\* Ref #259 change initialed but not dated

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		**5. The Ruhlin Company		6. The Great Lake Const. Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$75,000.00	\$75,000.00	\$50,000.00	\$50,000.00	\$23,000.00	\$23,000.00	\$50,000.00	\$50,000.00
2	614	Maintaining Traffic	1	L.S.	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$61,000.00	\$61,000.00	\$11,500.00	\$11,500.00
3	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
4	619	Field Office	1	L.S.	\$6,000.00	\$6,000.00	\$20,000.00	\$20,000.00	\$21,000.00	\$21,000.00	\$15,000.00	\$15,000.00
5	623	Construction Layout Stakes	1	L.S.	\$26,000.00	\$26,000.00	\$30,000.00	\$30,000.00	\$64,000.00	\$64,000.00	\$54,000.00	\$54,000.00
6	624	Mobilization	1	L.S.	\$60,000.00	\$60,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00
<b>Bridge and Roadway</b>												
7	201	Clearing and Grubbing	1	L.S.	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$14,000.00	\$14,000.00	\$10,000.00	\$10,000.00
8	202	Structures Removed - Storm Vault	1	L.S.	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$3,300.00	\$3,300.00	\$10,000.00	\$10,000.00
9	202	Portions of Structures Removed - Bartges Bridge	1	L.S.	\$60,000.00	\$60,000.00	\$100,000.00	\$100,000.00	\$87,000.00	\$87,000.00	\$80,000.00	\$80,000.00
10	202	Pipe Abandoned, 12 inch	200	L.F.	\$25.00	\$5,000.00	\$10.00	\$2,000.00	\$13.00	\$2,600.00	\$12.00	\$2,400.00
11	202	Manhole Abandoned	2	EACH	\$250.00	\$500.00	\$250.00	\$500.00	\$865.00	\$1,730.00	\$440.00	\$880.00
12	202	Manhole Removed	4	EACH	\$1,000.00	\$4,000.00	\$350.00	\$1,400.00	\$300.00	\$1,200.00	\$410.00	\$1,640.00
13	202	Catch Basin or Inlet Removed	2	EACH	\$200.00	\$400.00	\$350.00	\$700.00	\$170.00	\$340.00	\$410.00	\$820.00
14	202	Pipe Removed, 12 inch	140	L.F.	\$30.00	\$4,200.00	\$10.00	\$1,400.00	\$27.00	\$3,780.00	\$3.50	\$490.00
15	202	Pipe Removed, 20 inch - Water Pipe	170	L.F.	\$30.00	\$5,100.00	\$10.00	\$1,700.00	\$30.00	\$5,100.00	\$15.00	\$2,550.00
16	202	Pipe Removed, 24 inch	55	L.F.	\$40.00	\$2,200.00	\$10.00	\$550.00	\$31.00	\$1,705.00	\$18.00	\$990.00
17	202	Pipe Removed, 36 inch - Water Pipe	175	L.F.	\$40.00	\$7,000.00	\$20.00	\$3,500.00	\$36.00	\$6,300.00	\$14.00	\$2,450.00
18	202	Pipe Removed, 42 inch	80	L.F.	\$50.00	\$4,000.00	\$15.00	\$1,200.00	\$72.00	\$5,760.00	\$23.00	\$1,840.00
19	202	Light Pole Removed for Storage - Foundation Removed(Site)	1	EACH	\$450.00	\$450.00	\$210.00	\$210.00	\$330.00	\$330.00	\$350.00	\$350.00
20	202	Light Pole and Foundation Removed (Site)	4	EACH	\$250.00	\$1,000.00	\$125.00	\$500.00	\$280.00	\$1,120.00	\$350.00	\$1,400.00
21	202	Conduit Removed - Street Light, Communication	1110	L.F.	\$5.00	\$5,550.00	\$1.00	\$1,110.00	\$6.00	\$6,660.00	\$4.00	\$4,440.00
22	203	Excavation Including Embankment Construction	3275	C.Y.	\$15.00	\$49,125.00	\$25.00	\$81,875.00	\$17.00	\$55,675.00	\$30.00	\$98,250.00
23	203	Borrow	200	C.Y.	\$10.00	\$2,000.00	\$20.00	\$4,000.00	\$15.00	\$3,000.00	\$10.00	\$2,000.00
24	203	Subgrade Compaction	2620	S.Y.	\$4.00	\$10,480.00	\$4.00	\$10,480.00	\$1.60	\$4,192.00	\$2.00	\$5,240.00
25	203	Proof Rolling	2	HOUR	\$200.00	\$400.00	\$125.00	\$250.00	\$200.00	\$400.00	\$260.00	\$520.00
26	207	Filter Fabric Fence	900	L.F.	\$2.50	\$2,250.00	\$2.50	\$2,250.00	\$1.45	\$1,305.00	\$2.50	\$2,250.00
27	207	Concrete Wash Facility	1	EACH	\$1,500.00	\$1,500.00	\$200.00	\$200.00	\$1,200.00	\$1,200.00	\$540.00	\$540.00
28	207	Inlet Sediment Filter	5	EACH	\$250.00	\$1,250.00	\$175.00	\$875.00	\$138.00	\$690.00	\$220.00	\$1,100.00
29	301	4 Inch Bituminous Aggregate Base, Aggregate Base - Under Decorative Walk and Sidewalk,	100	C.Y.	\$80.00	\$8,000.00	\$145.00	\$14,500.00	\$141.00	\$14,100.00	\$145.00	\$14,500.00
30	304	Variable Thk. (Limestone)	60	C.Y.	\$55.00	\$3,300.00	\$45.00	\$2,700.00	\$36.00	\$2,160.00	\$104.00	\$6,240.00
31	304	Aggregate Base - Bikeway, 6" Thk. (Limestone)	125	C.Y.	\$55.00	\$6,875.00	\$40.00	\$5,000.00	\$36.00	\$4,500.00	\$67.00	\$8,375.00
32	304	Aggregate Base - Walkway, 6" Thk. (Limestone)	150	C.Y.	\$55.00	\$8,250.00	\$40.00	\$6,000.00	\$36.00	\$5,400.00	\$60.00	\$9,000.00
33	304	Aggregate Base - Pavement, 12" Thk. (Limestone)	700	C.Y.	\$55.00	\$38,500.00	\$38.00	\$26,600.00	\$36.00	\$25,200.00	\$46.00	\$32,200.00
34	407	Tack Coat	75	GAL.	\$2.00	\$150.00	\$2.00	\$150.00	\$2.75	\$206.25	\$4.00	\$300.00
35	448	Asphalt Concrete Surface Course, Type 1, 2" Thk. - Walkway	50	C.Y.	\$120.00	\$6,000.00	\$210.00	\$10,500.00	\$195.00	\$9,750.00	\$200.00	\$10,000.00
36	451	9 inch Reinforced Portland Cement Concrete Pavement	2100	S.Y.	\$70.00	\$147,000.00	\$56.50	\$118,650.00	\$54.00	\$113,400.00	\$53.00	\$111,300.00
37	456	Concrete Walk, 6 inches Thick (bikeway)	5500	S.F.	\$4.00	\$22,000.00	\$4.60	\$25,300.00	\$3.60	\$19,800.00	\$3.75	\$20,625.00
38	456	Concrete Walk, 6 inches Thick	4000	S.F.	\$5.00	\$20,000.00	\$4.60	\$18,400.00	\$4.50	\$18,000.00	\$4.50	\$18,000.00
39	456	Concrete Aprons, 6 inches Thick	1400	S.F.	\$6.00	\$8,400.00	\$5.00	\$7,000.00	\$4.00	\$5,600.00	\$4.90	\$6,860.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		**5. The Ruhlin Company		6. The Great Lake Const. Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
40	460	Brick Walk, Standard	100	S.F.	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$23.00	\$2,300.00	\$23.00	\$2,300.00
41	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$30,000.00	\$30,000.00	\$60,000.00	\$60,000.00	\$92,000.00	\$92,000.00	\$334,000.00	\$334,000.00
42	506	Static Load Test	2	EACH	\$15,000.00	\$30,000.00	\$12,000.00	\$24,000.00	\$12,000.00	\$24,000.00	\$12,200.00	\$24,400.00
43	507	12 inch Auger Cast Reinforced Concrete Piles	4500	L.F.	\$70.00	\$315,000.00	\$11.65	\$52,425.00	\$11.40	\$51,300.00	\$14.00	\$63,000.00
44	509	Epoxy Coated Reinforcing Steel	45000	LBS.	\$1.25	\$56,250.00	\$1.00	\$45,000.00	\$1.10	\$49,500.00	\$0.80	\$36,000.00
45	510	Dowel Holes	488	EACH	\$11.00	\$5,368.00	\$15.00	\$7,320.00	\$13.00	\$6,344.00	\$17.00	\$8,296.00
46	511	Class 'C' Concrete, Footings	157	C.Y.	\$600.00	\$94,200.00	\$370.00	\$58,090.00	\$210.00	\$32,970.00	\$400.00	\$62,800.00
47	552	24 inch Storm Sewer, Type A or B, Class NR or B Bedding "as required"	53	L.F.	\$50.00	\$2,650.00	\$100.00	\$5,300.00	\$64.00	\$3,392.00	\$76.00	\$4,028.00
48	552	42 inch Storm Sewer, RCP , Type, Class B Bedding 12 inch Inlet Connection,706.08 w/ 706.12,Class B	89	L.F.	\$150.00	\$13,350.00	\$150.00	\$13,350.00	\$132.00	\$11,748.00	\$163.00	\$14,507.00
49	553	Bedding 12 inch Inlet Connection,706.02 w/ 706.11,Class B	12	L.F.	\$50.00	\$600.00	\$55.00	\$660.00	\$59.00	\$708.00	\$200.00	\$2,400.00
50	553	Bedding 15 inch Sanitary Sewer, PVC Composite Class NR	20	L.F.	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$47.00	\$940.00	\$73.00	\$1,460.00
51	557	Bedding	205	L.F.	\$140.00	\$28,700.00	\$125.00	\$25,625.00	\$84.00	\$17,220.00	\$110.00	\$22,550.00
52	562	Manhole MH-2A on Sanitary Sewer	3	EACH	\$4,000.00	\$12,000.00	\$2,400.00	\$7,200.00	\$2,300.00	\$6,900.00	\$4,800.00	\$14,400.00
53	562	Manhole Slabtop MH-2B on Storm Sewer	1	EACH	\$2,500.00	\$2,500.00	\$1,900.00	\$1,900.00	\$2,600.00	\$2,600.00	\$3,000.00	\$3,000.00
54	562	Manhole MH-3C on Storm Sewer	3	EACH	\$5,000.00	\$15,000.00	\$8,575.00	\$25,725.00	\$8,300.00	\$24,900.00	\$5,800.00	\$17,400.00
55	562	Storm/San Manhole, As per Plan	1	EACH	\$6,000.00	\$6,000.00	\$9,500.00	\$9,500.00	\$4,300.00	\$4,300.00	\$7,300.00	\$7,300.00
56	562	Brick Manhole Adjusted	2	EACH	\$500.00	\$1,000.00	\$350.00	\$700.00	\$290.00	\$580.00	\$560.00	\$1,120.00
57	562	Manhole ReConstructed, MH-2B on Storm Sewer	1	EACH	\$3,000.00	\$3,000.00	\$1,750.00	\$1,750.00	\$2,400.00	\$2,400.00	\$2,220.00	\$2,220.00
58	562	Manhole Rebuilt	5	L.F.	\$100.00	\$500.00	\$550.00	\$2,750.00	\$240.00	\$1,200.00	\$410.00	\$2,050.00
59	562	Manhole Rechanneled	2	EACH	\$400.00	\$800.00	\$1,200.00	\$2,400.00	\$380.00	\$760.00	\$1,200.00	\$2,400.00
60	563	No. 5 Inlet	2	EACH	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$1,800.00	\$3,600.00	\$2,000.00	\$4,000.00
61	564	4 inch Pipe Underdrains	660	L.F.	\$6.00	\$3,960.00	\$7.80	\$5,148.00	\$6.50	\$4,290.00	\$11.00	\$7,260.00
62	604	Bank Run Gravel	250	C.Y.	\$30.00	\$7,500.00	\$20.00	\$5,000.00	\$16.00	\$4,000.00	\$34.00	\$8,500.00
63	608	Fence Removal and Reconstruction	80	L.F.	\$20.00	\$1,600.00	\$50.00	\$4,000.00	\$21.00	\$1,680.00	\$10.00	\$800.00
64	609	Engineering Geogrid for Roadways	2720	S.Y.	\$7.00	\$19,040.00	\$6.25	\$17,000.00	\$6.75	\$18,360.00	\$3.50	\$9,520.00
65	611	Modular Block Wall	950	S.F.	\$25.00	\$23,750.00	\$30.00	\$28,500.00	\$28.72	\$27,284.00	\$29.00	\$27,550.00
66	621	Lane Lines, 4 inch (Per ODOT 646)	1100	L.F.	\$2.00	\$2,200.00	\$2.04	\$2,244.00	\$0.45	\$495.00	\$3.00	\$3,300.00
67	622	Monument Boxes	1	EACH	\$500.00	\$500.00	\$500.00	\$500.00	\$350.00	\$350.00	\$360.00	\$360.00
68	625	Handhole, 24" x 36" x 24" Polymer Concrete (Communication)	4	EACH	\$600.00	\$2,400.00	\$725.00	\$2,900.00	\$840.00	\$3,360.00	\$850.00	\$3,400.00
69	625	3" Schedule 40 PVC Conduit (Communication) Trenching Including Backfill, including encasement	750	L.F.	\$3.25	\$2,437.50	\$2.85	\$2,137.50	\$3.35	\$2,512.50	\$3.50	\$2,625.00
70	625	(Communication)	375	L.F.	\$20.00	\$7,500.00	\$10.50	\$3,937.50	\$7.20	\$2,700.00	\$11.00	\$4,125.00
71	625	Trenching and Backfill(Communication)	20	L.F.	\$20.00	\$400.00	\$10.50	\$210.00	\$18.00	\$360.00	\$11.00	\$220.00
72	630	Traffic Sign - Type A	3	EACH	\$250.00	\$750.00	\$280.00	\$840.00	\$135.00	\$405.00	\$150.00	\$450.00
73	630	Traffic Sign - Type B	2	EACH	\$250.00	\$500.00	\$280.00	\$560.00	\$195.00	\$390.00	\$235.00	\$470.00
74	630	Traffic Sign Reset	3	EACH	\$100.00	\$300.00	\$150.00	\$450.00	\$100.00	\$300.00	\$165.00	\$495.00
75	630	Traffic Sign - Removed	5	EACH	\$25.00	\$125.00	\$20.00	\$100.00	\$35.00	\$175.00	\$20.00	\$100.00
76	653	Topsoil Furnished & Placed, 4" Thick	3400	S.Y.	\$5.00	\$17,000.00	\$3.40	\$11,560.00	\$3.25	\$11,050.00	\$2.50	\$8,500.00
77	659	Lawn Seeding and Mulching	2400	S.Y.	\$1.25	\$3,000.00	\$1.20	\$2,880.00	\$1.10	\$2,640.00	\$1.10	\$2,640.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. J. D. Williamson Const. PRICE	4. J. D. Williamson Const. AMOUNT	**5. The Ruhlin Company PRICE	**5. The Ruhlin Company AMOUNT	6. The Great Lake Const. Co. PRICE	6. The Great Lake Const. Co. AMOUNT
78	662	Planting Shrubs (Dwarf Bush Honeysuckle) 18" Container #3	788	EACH	\$32.50	\$25,610.00	\$24.00	\$18,912.00	\$23.00	\$18,124.00	\$25.00	\$19,700.00
79	662	Planting Shrubs (Henry's Garnet Sweetspire) 18" Container #3	728	EACH	\$37.50	\$27,300.00	\$22.00	\$16,016.00	\$21.00	\$15,288.00	\$25.00	\$18,200.00
80	662	Planting Shrubs (Grow Low Sumac) 18" Container #3	147	EACH	\$38.75	\$5,696.25	\$14.00	\$2,058.00	\$14.00	\$2,058.00	\$15.00	\$2,205.00
81	663	Tree Planting in Lawn Area (American Sycamore) 3" B & B	2	EACH	\$565.00	\$1,130.00	\$400.00	\$800.00	\$395.00	\$790.00	\$400.00	\$800.00
82	663	Tree Planting in Lawn Area (American Yellowwood) 2.5" B & B	6	EACH	\$440.00	\$2,640.00	\$300.00	\$1,800.00	\$295.00	\$1,770.00	\$300.00	\$1,800.00
83	663	Tree Planting in Lawn Area (Goldenrain Tree) 2.5" B & B	7	EACH	\$450.00	\$3,150.00	\$300.00	\$2,100.00	\$295.00	\$2,065.00	\$300.00	\$2,100.00
84	669	Protecting Trees	1	L.S.	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$375.00	\$375.00	\$2,000.00	\$2,000.00
85	672	Park Sign, Reset	1	EACH	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$815.00	\$815.00	\$100.00	\$100.00
86	SPEC	Decorative Concrete Walk, 6" thick (Brick Red color)(median, lawnstrip)	1900	S.F.	\$14.00	\$26,600.00	\$15.00	\$28,500.00	\$6.25	\$11,875.00	\$5.00	\$9,500.00
87	SPEC	Wood Bollards	2	EACH	\$400.00	\$800.00	\$375.00	\$750.00	\$225.00	\$450.00	\$160.00	\$320.00
88	SPEC	Collapsible Wood Bollards	1	EACH	\$700.00	\$700.00	\$645.00	\$645.00	\$985.00	\$985.00	\$600.00	\$600.00
89	SPEC	Regulatory Sign	2	EACH	\$400.00	\$800.00	\$150.00	\$300.00	\$75.00	\$150.00	\$500.00	\$1,000.00
90	SPEC	Protective Railing (Parapet)	120	L.F.	\$200.00	\$24,000.00	\$315.00	\$37,800.00	\$184.00	\$22,080.00	\$148.00	\$17,760.00
91	SPEC	Protective Railing (Trail)	325	L.F.	\$200.00	\$65,000.00	\$175.00	\$56,875.00	\$192.00	\$62,400.00	\$133.00	\$43,225.00
92	SPEC	Asbestos Abatement Bartges Street Bridge materials and piping	1	L.S.	\$20,000.00	\$20,000.00	\$16,400.00	\$16,400.00	\$24,680.00	\$24,680.00	\$10,000.00	\$10,000.00
93	SPEC	Asbestos Abatement Insurance	1	L.S.	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00
94	SPEC	Precast Hydrodynamic Stormwater Treatment System	1	EACH	\$150,000.00	\$150,000.00	\$70,000.00	\$70,000.00	\$75,000.00	\$75,000.00	\$68,000.00	\$68,000.00
95	SPEC	Pre-Manufactured Concrete Bridge 16' wide x 10' high x 96' long	1	EACH	\$216,000.00	\$216,000.00	\$210,000.00	\$210,000.00	\$239,000.00	\$239,000.00	\$210,000.00	\$210,000.00
96	SPEC	Pre-Manufactured Concrete Bridge 36' wide x 11' high x 96' long	1	EACH	\$457,000.00	\$457,000.00	\$400,000.00	\$400,000.00	\$494,000.00	\$494,000.00	\$400,000.00	\$400,000.00
<b>Water</b>												
97	202	Water Main Removed	300	L.F.	\$25.00	\$7,500.00	\$10.00	\$3,000.00	\$10.00	\$3,000.00	\$15.00	\$4,500.00
98	202	Water Main Valve Removed for Salvage	4	EACH	\$250.00	\$1,000.00	\$200.00	\$800.00	\$109.00	\$436.00	\$116.00	\$464.00
99	252	Trenches for Water Services in Earth	150	L.F.	\$15.00	\$2,250.00	\$10.00	\$1,500.00	\$7.80	\$1,170.00	\$32.00	\$4,800.00
100	254	4 inch Ductile Iron Pipe (Installation only)	20	L.F.	\$35.00	\$700.00	\$50.00	\$1,000.00	\$44.00	\$880.00	\$75.00	\$1,500.00
101	254	8 inch Ductile Iron Pipe (Installation only)	150	L.F.	\$35.00	\$5,250.00	\$65.00	\$9,750.00	\$40.00	\$6,000.00	\$62.00	\$9,300.00
102	254	16 inch Ductile Iron Pipe (Installation only)	400	L.F.	\$40.00	\$16,000.00	\$56.00	\$22,400.00	\$48.00	\$19,200.00	\$54.00	\$21,600.00
103	258	4 inch Gate Valve	1	EACH	\$500.00	\$500.00	\$750.00	\$750.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
104	258	8 inch Gate Valve	4	EACH	\$800.00	\$3,200.00	\$1,150.00	\$4,600.00	\$1,700.00	\$6,800.00	\$1,930.00	\$7,720.00
105	258	16 inch Butterfly Valve	2	EACH	\$2,750.00	\$5,500.00	\$3,150.00	\$6,300.00	\$4,000.00	\$8,000.00	\$4,330.00	\$8,660.00
106	259	8" x 4" Reducer	1	EACH	\$250.00	\$250.00	\$425.00	\$425.00	\$239.00	\$239.00	\$1,190.00	\$1,190.00
107	259	16" X 16" X 8" Tee	1	EACH	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00	\$1,600.00	\$1,600.00	\$2,180.00	\$2,180.00
108	259	16" X 8" Cross	1	EACH	\$600.00	\$600.00	\$2,575.00	\$2,575.00	\$1,750.00	\$1,750.00	\$2,380.00	\$2,380.00
109	259	8" X 8" X 8" Tee	1	EACH	\$350.00	\$350.00	\$875.00	\$875.00	\$470.00	\$470.00	\$1,380.00	\$1,380.00
110	259	16" 22 1/2 Degree Bend	2	EACH	\$600.00	\$1,200.00	\$1,550.00	\$3,100.00	\$1,200.00	\$2,400.00	\$1,920.00	\$3,840.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		**5. The Ruhlin Company		6. The Great Lake Const. Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
111	259	16" 45 Degree Bend	6	EACH	\$600.00	\$3,600.00	\$1,550.00	\$9,300.00	\$1,200.00	\$7,200.00	\$1,940.00	\$11,640.00
112	259	16" 11.25 Degree Bend Degree Bend	1	EACH	\$350.00	\$350.00	\$1,550.00	\$1,550.00	\$1,200.00	\$1,200.00	\$1,920.00	\$1,920.00
113	259	4" Solid Sleeve	1	EACH	\$250.00	\$250.00	\$375.00	\$375.00	\$400.00	\$400.00	\$1,090.00	\$1,090.00
114	259	8" Solid Sleeve	2	EACH	\$400.00	\$800.00	\$465.00	\$930.00	\$600.00	\$1,200.00	\$1,200.00	\$2,400.00
115	259	16" Solid Sleeve	2	EACH	\$600.00	\$1,200.00	\$1,200.00	\$2,400.00	\$2,000.00	\$4,000.00	\$1,850.00	\$3,700.00
116	259	Curb Meter Pit, as Per Plan	1	EACH	\$1,500.00	\$1,500.00	\$1,150.00	\$1,150.00	\$3,700.00	\$3,700.00	\$2,300.00	\$2,300.00
117	260	Fire Hydrants (B848 Hyd.)	1	EACH	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,900.00	\$3,900.00	\$3,500.00	\$3,500.00
118	261	Polyethylene Encasement 4 inch Pipe	20	L.F.	\$1.50	\$30.00	\$5.00	\$100.00	\$1.20	\$24.00	\$0.25	\$5.00
119	261	Polyethylene Encasement 8 inch Pipe	150	L.F.	\$1.50	\$225.00	\$5.00	\$750.00	\$1.00	\$150.00	\$0.25	\$37.50
120	261	Polyethylene Encasement 16 inch Pipe	400	L.F.	\$2.50	\$1,000.00	\$5.00	\$2,000.00	\$0.60	\$240.00	\$0.50	\$200.00
121	263	Tying Into Existing 4 inch Main	1	EACH	\$250.00	\$250.00	\$375.00	\$375.00	\$590.00	\$590.00	\$1,000.00	\$1,000.00
122	263	Tying Into Existing 8 inch Main	2	EACH	\$500.00	\$1,000.00	\$375.00	\$750.00	\$718.00	\$1,436.00	\$1,000.00	\$2,000.00
123	263	Tying Into Existing 16 inch Main	2	EACH	\$1,000.00	\$2,000.00	\$750.00	\$1,500.00	\$1,245.00	\$2,490.00	\$2,000.00	\$4,000.00
124	264	30 inch Steel Casing Pipe (.375 inch Min. Wall) -(Water Main)	73	L.F.	\$350.00	\$25,550.00	\$1,250.00	\$91,250.00	\$740.00	\$54,020.00	\$450.00	\$32,850.00
125	265	Water Main Valve Boxes Adjusted	1	EACH	\$200.00	\$200.00	\$120.00	\$120.00	\$49.00	\$49.00	\$122.00	\$122.00
126	266	Tapping Water Mains and Installing Services (2" Copper)	150	L.F.	\$25.00	\$3,750.00	\$45.00	\$6,750.00	\$47.00	\$7,050.00	\$51.00	\$7,650.00
<b>First Energy</b>												
127	202	Electrical Conduit Removal (Ohio Edison)	1	L.S.	\$6,000.00	\$6,000.00	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00	\$500.00	\$500.00
128	264	36 inch Steel Casing Pipe (.375 inch Min. Wall)	95	L.F.	\$420.00	\$39,900.00	\$1,200.00	\$114,000.00	\$615.00	\$58,425.00	\$425.00	\$40,375.00
129	625	5" Conduit	1575	L.F.	\$5.00	\$7,875.00	\$11.35	\$17,876.25	\$7.75	\$12,206.25	\$11.50	\$18,112.50
130	625	6" Conduit	4200	L.F.	\$6.00	\$25,200.00	\$18.25	\$76,650.00	\$9.40	\$39,480.00	\$18.00	\$75,600.00
131	625	Trenching and Backfill including Encasement, Section A-A	80	L.F.	\$60.00	\$4,800.00	\$75.00	\$6,000.00	\$78.00	\$6,240.00	\$124.00	\$9,920.00
132	625	Trenching and Backfill including Encasement, Section B-B	60	L.F.	\$60.00	\$3,600.00	\$112.00	\$6,720.00	\$53.00	\$3,180.00	\$160.00	\$9,600.00
133	625	Trenching and Backfill including Encasement, Section C-C	93	L.F.	\$70.00	\$6,510.00	\$52.00	\$4,836.00	\$4.75	\$441.75	\$1.00	\$93.00
134	625	Trenching and Backfill including Encasement, Section D-D	45	L.F.	\$70.00	\$3,150.00	\$70.00	\$3,150.00	\$82.00	\$3,690.00	\$145.00	\$6,525.00
135	625	Trenching and Backfill including Encasement, Section E-E	20	L.F.	\$85.00	\$1,700.00	\$95.00	\$1,900.00	\$112.00	\$2,240.00	\$187.00	\$3,740.00
136	625	Trenching and Backfill including Encasement, Section F-F	30	L.F.	\$75.00	\$2,250.00	\$25.00	\$750.00	\$42.00	\$1,260.00	\$76.00	\$2,280.00
137	625	Trenching and Backfill including Encasement, Section G-G	110	L.F.	\$60.00	\$6,600.00	\$68.00	\$7,480.00	\$87.00	\$9,570.00	\$124.00	\$13,640.00
138	625	Trenching and Backfill including Encasement, Section H-H	110	L.F.	\$45.00	\$4,950.00	\$55.00	\$6,050.00	\$77.00	\$8,470.00	\$56.00	\$6,160.00
<b>Lighting</b>												
139	202	Light Pole Removed for Reuse or Storage (Street Lighting)	2	EACH	\$250.00	\$500.00	\$215.00	\$430.00	\$240.00	\$480.00	\$220.00	\$440.00
140	202	Structures Removed - Light Pole Foundation	2	EACH	\$250.00	\$500.00	\$150.00	\$300.00	\$150.00	\$300.00	\$200.00	\$400.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		**5. The Ruhlin Company		6. The Great Lake Const. Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
141	625	Street Light Pole and Fixtures, Reset (Street Lighting)	2	EACH	\$1,000.00	\$2,000.00	\$215.00	\$430.00	\$380.00	\$760.00	\$400.00	\$800.00
142	625	Street Light Pole Foundation (Street Lighting)	2	EACH	\$2,000.00	\$4,000.00	\$660.00	\$1,320.00	\$850.00	\$1,700.00	\$875.00	\$1,750.00
143	625	Ground Rod (Street Lighting)	2	EACH	\$200.00	\$400.00	\$105.00	\$210.00	\$95.00	\$190.00	\$100.00	\$200.00
144	625	Handhole, 17" x 30" x 24" Polymer Concrete (Street Lighting)	2	EACH	\$600.00	\$1,200.00	\$500.00	\$1,000.00	\$395.00	\$790.00	\$400.00	\$800.00
145	625	2" Schedule 40 PVC Conduit (Street Lighting)	300	L.F.	\$3.00	\$900.00	\$1.85	\$555.00	\$2.40	\$720.00	\$2.50	\$750.00
146	625	Trenching Including Backfill, including encasement (Street Light)	300	L.F.	\$20.00	\$6,000.00	\$7.35	\$2,205.00	\$7.25	\$2,175.00	\$8.00	\$2,400.00
147	625	Trenching Including Backfill (Street Light)	20	L.F.	\$20.00	\$400.00	\$7.35	\$147.00	\$7.25	\$145.00	\$8.00	\$160.00
148	625	No. 4 AWG Distribution Cable Type XLP-USE 600 V Dist (Street Light)	1000	L.F.	\$2.25	\$2,250.00	\$2.10	\$2,100.00	\$1.95	\$1,950.00	\$2.00	\$2,000.00
149	625	No. 10 AWG Pole and Bracket Cable, Type THHN (Street Light)	300	L.F.	\$1.25	\$375.00	\$0.90	\$270.00	\$0.90	\$270.00	\$1.00	\$300.00
150	625	Fused Connector Kit (Street Light)	2	EACH	\$85.00	\$170.00	\$62.00	\$124.00	\$80.00	\$160.00	\$85.00	\$170.00
151	625	Unfused Connector Kit (Street Light)	2	EACH	\$85.00	\$170.00	\$60.00	\$120.00	\$85.00	\$170.00	\$90.00	\$180.00
152	625	Underground Mole Connector, 4 Outlet, Homac RXL-4 or Equal (Street Light)	4	EACH	\$100.00	\$400.00	\$65.00	\$260.00	\$120.00	\$480.00	\$125.00	\$500.00
153	625	Trenching Including Backfill - Section J-J (Trail & Site Lighting)	525	L.F.	\$20.00	\$10,500.00	\$7.75	\$4,068.75	\$4.91	\$2,577.75	\$8.00	\$4,200.00
154	625	Trenching Including Backfill - Section K-K (Trail & Site Lighting)	250	L.F.	\$20.00	\$5,000.00	\$7.00	\$1,750.00	\$4.70	\$1,175.00	\$8.00	\$2,000.00
155	625	Trenching Including Backfill - Section L-L (Trail & Site Lighting)	425	L.F.	\$20.00	\$8,500.00	\$7.75	\$3,293.75	\$4.75	\$2,018.75	\$8.00	\$3,400.00
156	625	Trenching Including Backfill - Section M-M (Trail & Site Lighting)	30	L.F.	\$20.00	\$600.00	\$7.00	\$210.00	\$7.20	\$216.00	\$7.00	\$210.00
157	625	1.5" Schedule 80 PVC Conduit (Trail & Site Lighting)	700	L.F.	\$2.00	\$1,400.00	\$2.15	\$1,505.00	\$2.55	\$1,785.00	\$2.75	\$1,925.00
158	625	2" Schedule 80 PVC Conduit (Trail & Site Lighting)	170	L.F.	\$25.00	\$4,250.00	\$2.60	\$442.00	\$3.00	\$510.00	\$3.00	\$510.00
159	625	5" Schedule 80 PVC Conduit (Trail & Site Lighting)	760	L.F.	\$3.00	\$2,280.00	\$6.65	\$5,054.00	\$7.90	\$6,004.00	\$8.00	\$6,080.00
160	625	Light Pole Complete, (Trail & Site Lighting)	12	EACH	\$5,000.00	\$60,000.00	\$2,500.00	\$30,000.00	\$2,750.00	\$33,000.00	\$2,900.00	\$34,800.00
161	625	350 MCM THWN Copper Wire, Ground (Trail & Site Lighting)	2300	L.F.	\$3.00	\$6,900.00	\$7.50	\$17,250.00	\$7.50	\$17,250.00	\$8.00	\$18,400.00
162	625	350 MCM THWN Wire, 600 V (Trail & Site Lighting)	14250	L.F.	\$3.50	\$49,875.00	\$7.50	\$106,875.00	\$7.50	\$106,875.00	\$8.00	\$114,000.00
163	625	#6 AWG THWN Copper Wire, Ground(Trail & Site Lighting)	815	L.F.	\$2.00	\$1,630.00	\$1.25	\$1,018.75	\$1.35	\$1,100.25	\$1.50	\$1,222.50
164	625	#6 AWG THWN Wire, 600 V(Trail & Site Lighting)	1630	L.F.	\$2.25	\$3,667.50	\$1.25	\$2,037.50	\$1.35	\$2,200.50	\$1.50	\$2,445.00
165	625	#10 AWG THWNCopper Wire, Ground (Trail & Site Lighting)	400	L.F.	\$2.00	\$800.00	\$0.90	\$360.00	\$0.90	\$360.00	\$1.00	\$400.00
166	625	#10 AWG THWN Wire, 600 V (Trail & Site Lighting)	1600	L.F.	\$2.25	\$3,600.00	\$0.90	\$1,440.00	\$0.90	\$1,440.00	\$1.00	\$1,600.00
167	625	Underground Mole Connector, 4 Outlet, (Trail & Site Lighting)	18	EACH	\$100.00	\$1,800.00	\$65.00	\$1,170.00	\$120.00	\$2,160.00	\$125.00	\$2,250.00
168	625	Handhole, 24"x36"x24" Polymer Concrete (Trail & Site Lighting)	2	EACH	\$700.00	\$1,400.00	\$720.00	\$1,440.00	\$840.00	\$1,680.00	\$900.00	\$1,800.00
169	625	Handhole, 17"x30"x24" Polymer Concrete (Trail & Site Lighting)	1	EACH	\$600.00	\$600.00	\$500.00	\$500.00	\$395.00	\$395.00	\$400.00	\$400.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		**5. The Ruhlin Company		6. The Great Lake Const. Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
170	SPEC	Lighting Circuit Connections (Trail & Site Lighting)	1	L.S.	\$5,000.00	\$5,000.00	\$2,150.00	\$2,150.00	\$3,800.00	\$3,800.00	\$4,000.00	\$4,000.00
<b>AES TOWPATH TRAIL</b>												
<b>SITE WORK</b>												
171	107	Type 3 Construction Barricade	1	L.S.	\$1,000.00	\$1,000.00	\$1,450.00	\$1,450.00	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00
172	201	Clearing and Grubbing	1	L.S.	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$17,000.00	\$17,000.00	\$4,000.00	\$4,000.00
173	202	Falor Street Bridge & Abutment Removal with Dewatering	1	L.S.	\$110,000.00	\$110,000.00	\$70,000.00	\$70,000.00	\$152,000.00	\$152,000.00	\$150,000.00	\$150,000.00
174	202	Falor Street Abutment Wall Sawcutting	42	L.F.	\$75.00	\$3,150.00	\$40.00	\$1,680.00	\$50.00	\$2,100.00	\$23.00	\$966.00
175	202	Concrete Canal Liner Removed	1416	S.Y.	\$36.00	\$50,976.00	\$7.50	\$10,620.00	\$5.60	\$7,929.60	\$10.00	\$14,160.00
176	202	Asphalt Pavement Removed	1218	S.Y.	\$8.00	\$9,744.00	\$4.00	\$4,872.00	\$4.00	\$4,872.00	\$12.00	\$14,616.00
177	202	Concrete Curb Sawcut & Removed	32	L.F.	\$10.00	\$320.00	\$21.00	\$672.00	\$1.00	\$32.00	\$27.00	\$864.00
178	202	Concrete Pavement Removed	18	S.Y.	\$27.00	\$486.00	\$15.00	\$270.00	\$14.00	\$252.00	\$21.00	\$378.00
179	202	Broken Concrete Pavement Removed	580	S.F.	\$3.00	\$1,740.00	\$2.00	\$1,160.00	\$0.40	\$232.00	\$1.00	\$580.00
180	202	Guardrail Removed	100	L.F.	\$4.00	\$400.00	\$2.50	\$250.00	\$2.00	\$200.00	\$2.50	\$250.00
181	202	Fence Removed	388	L.F.	\$5.00	\$1,940.00	\$2.50	\$970.00	\$3.00	\$1,164.00	\$3.00	\$1,164.00
182	202	Electronic Gate Removed	1	EACH	\$1,000.00	\$1,000.00	\$400.00	\$400.00	\$223.00	\$223.00	\$500.00	\$500.00
183	202	Gate Removed	2	EACH	\$500.00	\$1,000.00	\$200.00	\$400.00	\$268.00	\$536.00	\$200.00	\$400.00
184	202	Post Removed	2	L.S.	\$200.00	\$400.00	\$100.00	\$200.00	\$70.00	\$140.00	\$50.00	\$100.00
185	202	Valve Removed	1	EACH	\$150.00	\$150.00	\$350.00	\$350.00	\$154.00	\$154.00	\$210.00	\$210.00
186	202	Pump House Vault lines Removed	33	L.F.	\$17.00	\$561.00	\$15.00	\$495.00	\$12.00	\$396.00	\$45.00	\$1,485.00
187	202	Pump House Vault Removed	1	EACH	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00	\$2,500.00	\$2,500.00
188	202	RR Track Removed	248	L.F.	\$50.00	\$12,400.00	\$20.00	\$4,960.00	\$9.00	\$2,232.00	\$20.00	\$4,960.00
189	202	Remove Bench	1	L.S.	\$200.00	\$200.00	\$100.00	\$100.00	\$155.00	\$155.00	\$103.00	\$103.00
190	202	Sheet Pile and Concrete Removed	13	L.F.	\$50.00	\$650.00	\$150.00	\$1,950.00	\$93.00	\$1,209.00	\$86.00	\$1,118.00
191	203	Embankment	1	L.S.	\$8,125.00	\$8,125.00	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00	\$5,000.00	\$5,000.00
192	203	Excavation not including Embankment	1	L.S.	\$63,500.00	\$63,500.00	\$40,000.00	\$40,000.00	\$2,200.00	\$2,200.00	\$15,000.00	\$15,000.00
193	203	Subgrade Compaction	6029	S.Y.	\$1.50	\$9,043.50	\$3.00	\$18,087.00	\$1.60	\$9,646.40	\$2.00	\$12,058.00
194	203	Proof Rolling	10	HOUR	\$150.00	\$1,500.00	\$125.00	\$1,250.00	\$150.00	\$1,500.00	\$260.00	\$2,600.00
195	207	Wattle Protection	1000	L.F.	\$2.50	\$2,500.00	\$4.00	\$4,000.00	\$1.70	\$1,700.00	\$2.00	\$2,000.00
196	207	Sediment Trap	1	L.S.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00	\$1,500.00	\$1,500.00
197	301	6" Bituminous Aggregate Base (Asphalt Pavement)	70	C.Y.	\$35.00	\$2,450.00	\$155.00	\$10,850.00	\$141.00	\$9,870.00	\$150.00	\$10,500.00
198	304	Aggregate Base, Limestone, 4 Inches Thick (Trail)	360	C.Y.	\$35.00	\$12,600.00	\$45.00	\$16,200.00	\$40.00	\$14,400.00	\$60.00	\$21,600.00
199	304	Aggregate Base, Limestone, 4 Inches Thick (Walk)	10	C.Y.	\$35.00	\$350.00	\$45.00	\$450.00	\$40.00	\$400.00	\$260.00	\$2,600.00
200	304	Aggregate Base, Limestone, 4 Inches Thick (Canal Liner)	31	C.Y.	\$35.00	\$1,085.00	\$45.00	\$1,395.00	\$40.00	\$1,240.00	\$100.00	\$3,100.00
201	304	Aggregate Stabilization	200	C.Y.	\$55.00	\$11,000.00	\$45.00	\$9,000.00	\$38.00	\$7,600.00	\$39.00	\$7,800.00
202	407	Tack Coat	40	Gal.	\$1.25	\$50.00	\$2.00	\$80.00	\$2.75	\$110.00	\$4.00	\$160.00
203	448	Asphalt Concrete Surface Course, Type 1, 1 1/4" Thick	15	C.Y.	\$125.00	\$1,875.00	\$275.00	\$4,125.00	\$195.00	\$2,925.00	\$320.00	\$4,800.00
204	456	Concrete Walk, 6 Inches Thick (Trail)	3231	S.Y.	\$40.00	\$129,240.00	\$38.00	\$122,778.00	\$33.20	\$107,269.20	\$31.00	\$100,161.00
205	456	Concrete Walk, 6 Inches Thick (Walk)	91	S.Y.	\$40.00	\$3,640.00	\$50.00	\$4,550.00	\$40.00	\$3,640.00	\$47.00	\$4,277.00
206	456	Concrete Walk, 8 Inches Thick (Canal Liner)	280	S.Y.	\$50.00	\$14,000.00	\$52.00	\$14,560.00	\$48.75	\$13,650.00	\$47.00	\$13,160.00
207	456	Concrete Curb Ramp	1	EACH	\$750.00	\$750.00	\$400.00	\$400.00	\$770.00	\$770.00	\$750.00	\$750.00
208	551	6" Storm Sewer, Type B, Class B Bedding	53	L.F.	\$380.00	\$20,140.00	\$25.00	\$1,325.00	\$24.00	\$1,272.00	\$54.00	\$2,862.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		**5. The Ruhlin Company		6. The Great Lake Const. Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
209	551	12" Storm Sewer, Type B, Class B Bedding	44	L.F.	\$38.00	\$1,672.00	\$58.00	\$2,552.00	\$36.00	\$1,584.00	\$49.00	\$2,156.00
210	562	Brick Manhole Adjusted	1	EACH	\$1,500.00	\$1,500.00	\$350.00	\$350.00	\$290.00	\$290.00	\$560.00	\$560.00
211	563	Catch Basin	1	EACH	\$1,500.00	\$1,500.00	\$700.00	\$700.00	\$800.00	\$800.00	\$1,100.00	\$1,100.00
212	606	Type 5 Guardrail (Falor St Bridge)	106	L.F.	\$80.00	\$8,480.00	\$25.00	\$2,650.00	\$21.50	\$2,279.00	\$30.00	\$3,180.00
213	607	96" Chain Link Fence, as per plan	1160	L.F.	\$50.00	\$58,000.00	\$40.00	\$46,400.00	\$32.50	\$37,700.00	\$30.00	\$34,800.00
214	607	96" Chain Link Fence (Surface Mounted), as per plan	120	L.F.	\$50.00	\$6,000.00	\$70.00	\$8,400.00	\$39.50	\$4,740.00	\$50.00	\$6,000.00
215	609	Engineering Geogrid	200	S.Y.	\$6.00	\$1,200.00	\$7.00	\$1,400.00	\$7.30	\$1,460.00	\$3.50	\$700.00
216	622	Monument Boxes @ monitoring Wells	2	EACH	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$565.00	\$1,130.00	\$410.00	\$820.00
217	626	Geotextile Fabric 712.09, Type D	200	S.Y.	\$6.00	\$1,200.00	\$2.00	\$400.00	\$1.80	\$360.00	\$1.25	\$250.00
218	630	ODOT W12-2-18 Low Clearance Sign	2	EACH	\$300.00	\$600.00	\$175.00	\$350.00	\$75.00	\$150.00	\$500.00	\$1,000.00
219	651	Topsoil Stockpiled (Trucked off, assume 6" depth)	1	L.S.	\$6,500.00	\$6,500.00	\$4,500.00	\$4,500.00	\$14,000.00	\$14,000.00	\$5,000.00	\$5,000.00
220	653	Furnished and Placed Topsoil 4" depth	1	L.S.	\$6,000.00	\$6,000.00	\$6,500.00	\$6,500.00	\$11,200.00	\$11,200.00	\$10,000.00	\$10,000.00
221	659	Lawn Seeding and Mulching	1	L.S.	\$7,500.00	\$7,500.00	\$5,600.00	\$5,600.00	\$3,850.00	\$3,850.00	\$4,000.00	\$4,000.00
222	662	Diervilla Ionicera	102	EACH	\$48.00	\$4,896.00	\$38.60	\$3,937.20	\$28.00	\$2,856.00	\$30.00	\$3,060.00
223	662	Physocarpus opulifolius 'Summer Wine'	95	EACH	\$54.00	\$5,130.00	\$28.60	\$2,717.00	\$28.00	\$2,660.00	\$30.00	\$2,850.00
224	662	Viburnum detatum 'Blubzam'	95	EACH	\$54.00	\$5,130.00	\$31.00	\$2,945.00	\$30.00	\$2,850.00	\$32.00	\$3,040.00
225	662	Viburnum detatum 'Rastzam'	97	EACH	\$54.00	\$5,238.00	\$31.00	\$3,007.00	\$30.00	\$2,910.00	\$32.00	\$3,104.00
226	668	Seeding and Excelsior Matting	1	L.S.	\$3,500.00	\$3,500.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
227	SPEC	Steel Railing, as per plan	1061	L.F.	\$150.00	\$159,150.00	\$175.00	\$185,675.00	\$190.00	\$201,590.00	\$133.00	\$141,113.00
228	SPEC	Steel Railing (Surface Mounted), as per plan	20	L.F.	\$150.00	\$3,000.00	\$225.00	\$4,500.00	\$192.00	\$3,840.00	\$148.00	\$2,960.00
229	SPEC	Interpretive Sign	3	EACH	\$2,000.00	\$6,000.00	\$495.00	\$1,485.00	\$812.00	\$2,436.00	\$200.00	\$600.00
230	SPEC	Asbestos Abatement (Utility & Falor St Bridges)	1	L.S.	\$15,000.00	\$15,000.00	\$44,000.00	\$44,000.00	\$23,065.00	\$23,065.00	\$25,000.00	\$25,000.00
231	SPEC	Construction Fence, as per plan	125	L.F.	\$10.00	\$1,250.00	\$6.00	\$750.00	\$8.00	\$1,000.00	\$10.00	\$1,250.00
232	SPEC	Concrete Washout Facility, as per plan	1	EACH	\$1,500.00	\$1,500.00	\$750.00	\$750.00	\$1,200.00	\$1,200.00	\$540.00	\$540.00
233	SPEC	Construction Entrance, as per plan	1	EACH	\$550.00	\$550.00	\$6,500.00	\$6,500.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
234	SPEC	Box Culvert 'A', as per plan	1	EACH	\$7,000.00	\$7,000.00	\$26,500.00	\$26,500.00	\$26,000.00	\$26,000.00	\$25,000.00	\$25,000.00
235	SPEC	Box Culvert 'B', as per plan	1	EACH	\$5,000.00	\$5,000.00	\$19,500.00	\$19,500.00	\$17,000.00	\$17,000.00	\$20,000.00	\$20,000.00
<b>UTILITY WORK (NO DOMESTIC WATER OR STEAM)</b>												
Fuel Oil Transmission Pump Removal & all Associated												
236	202	Work	1	L.S.	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00
237	202	10" & Smaller Pipe Removed (Falor Street)	5100	L.F.	\$15.00	\$76,500.00	\$5.50	\$28,050.00	\$9.00	\$45,900.00	\$1.00	\$5,100.00
238	202	8" & Smaller Pipe Removed (Utility Bridge)	160	L.F.	\$10.00	\$1,600.00	\$10.00	\$1,600.00	\$27.00	\$4,320.00	\$25.00	\$4,000.00
239	202	4" Chill Water Lines Removed	758	L.F.	\$7.50	\$5,685.00	\$6.00	\$4,548.00	\$7.00	\$5,306.00	\$15.00	\$11,370.00
240	202	Concrete Pavement Removed (Falor Street)	300	SY	\$36.00	\$10,800.00	\$5.00	\$1,500.00	\$6.00	\$1,800.00	\$10.00	\$3,000.00
241	202	Concrete Removed (Utility Bridge)	1	S.Y.	\$50.00	\$50.00	\$200.00	\$200.00	\$500.00	\$500.00	\$100.00	\$100.00
Electrical Line Removal & all Associated Work (Falor												
242	202	Street)	1	L.S.	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$1,300.00	\$1,300.00	\$15,000.00	\$15,000.00
243	251	10" & Smaller Pipe Plugged (Falor Street)	20	EACH	\$500.00	\$10,000.00	\$240.00	\$4,800.00	\$184.00	\$3,680.00	\$40.00	\$800.00
244	SPEC	4" Chill Water Lines, Exposed, as per plan	200	L.F.	\$150.00	\$30,000.00	\$150.00	\$30,000.00	\$150.00	\$30,000.00	\$150.00	\$30,000.00
245	SPEC	4" Chill Water Lines, Trench Section, as per plan	710	L.F.	\$100.00	\$71,000.00	\$50.00	\$35,500.00	\$50.00	\$35,500.00	\$100.00	\$71,000.00
246	SPEC	6" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$60.00	\$1,800.00	\$200.00	\$6,000.00	\$200.00	\$6,000.00	\$200.00	\$6,000.00
247	SPEC	3" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$45.00	\$1,350.00	\$125.00	\$3,750.00	\$125.00	\$3,750.00	\$150.00	\$4,500.00
248	SPEC	4" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$50.00	\$1,500.00	\$145.00	\$4,350.00	\$145.00	\$4,350.00	\$150.00	\$4,500.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		**5. The Ruhlin Company		6. The Great Lake Const. Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>LIGHTING</b>												
249	625	Light poles, fiberglass pole, excl concrete bases	34.00	EACH	\$600.00	\$20,400.00	\$1,615.00	\$54,910.00	\$1,680.00	\$57,120.00	\$1,750.00	\$59,500.00
250	625	LED acorn post top fixture, excl pole	34.00	EACH	\$1,650.00	\$56,100.00	\$1,660.00	\$56,440.00	\$1,745.00	\$59,330.00	\$1,800.00	\$61,200.00
251	625	Cast in Place Concrete Pole Base	34.00	EACH	\$1,500.00	\$51,000.00	\$665.00	\$22,610.00	\$800.00	\$27,200.00	\$850.00	\$28,900.00
252	625	Fustat, 120 V, 0.3 to 14 amp	68.00	EACH	\$22.00	\$1,496.00	\$60.00	\$4,080.00	\$7.50	\$510.00	\$8.00	\$544.00
253	625	PVC conduit, schdl 40, 5" diameter, incl terminations, fittings & support	2,400.00	L.F.	\$36.50	\$87,600.00	\$6.65	\$15,960.00	\$6.00	\$14,400.00	\$6.10	\$14,640.00
254	625	PVC conduit schdl 40, 1-1/2" diameter, incl terminations, fittings & support	2,000.00	L.F.	\$19.55	\$39,100.00	\$2.15	\$4,300.00	\$2.60	\$5,200.00	\$2.70	\$5,400.00
255	625	Weatherproof Pull Box with bolt on cover	2.00	EACH	\$685.00	\$1,370.00	\$725.00	\$1,450.00	\$840.00	\$1,680.00	\$900.00	\$1,800.00
256	625	Grounding rod, copper clad, 8' long, 3/4" diameter	34.00	EACH	\$137.00	\$4,658.00	\$95.00	\$3,230.00	\$95.00	\$3,230.00	\$100.00	\$3,400.00
<b>STRUCTURAL</b>												
257	203	Embankment, Granular Materials	2325	C.Y.	\$30.00	\$69,750.00	\$24.00	\$55,800.00	\$22.00	\$51,150.00	\$39.00	\$90,675.00
258	503	Steel Sheet Piling Wall #1 w/ dewatering, as per plan	33925	S.F.	\$33.00	\$1,119,525.00	\$27.00	\$915,975.00	\$32.00	\$1,085,600.00	\$28.50	\$966,862.50
259	503	Steel Sheet Piling Wall #2, as per plan	5258	S.F.	\$35.25	\$185,344.50	\$40.00	\$210,320.00	\$32.00	\$168,256.00	\$32.25	\$169,570.50
260	518	Porous Backfill w/ Filter Fabric	101	C.Y.	\$65.00	\$6,565.00	\$50.00	\$5,050.00	\$65.00	\$6,565.00	\$100.00	\$10,100.00
261	551	4" Perforated Plastic Pipe	1200	L.F.	\$15.00	\$18,000.00	\$13.00	\$15,600.00	\$11.00	\$13,200.00	\$5.60	\$6,720.00
262	SPEC	Reinforced Concrete Wall w/ dewatering, as per plan	24	C.Y.	\$770.00	\$18,480.00	\$700.00	\$16,800.00	\$507.00	\$12,168.00	\$800.00	\$19,200.00
263	SPEC	Structural Survey and Monitoring of Vibrations, as per plan	1	Lump	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00	\$26,550.00	\$26,550.00	\$25,000.00	\$25,000.00
<b>DOMESTIC WATER LINE WORK</b>												
264	202	25" Pipe Removed (Falor Street)	100	L.F.	\$30.00	\$3,000.00	\$9.00	\$900.00	\$24.00	\$2,400.00	\$25.00	\$2,500.00
265	202	36" Pipe Removed (Falor Street)	172	L.F.	\$40.00	\$6,880.00	\$9.00	\$1,548.00	\$36.00	\$6,192.00	\$25.00	\$4,300.00
266	202	10" & Smaller Pipe Removed (Falor Street)	100	L.F.	\$15.00	\$1,500.00	\$6.00	\$600.00	\$30.00	\$3,000.00	\$25.00	\$2,500.00
267	251	10" & Smaller Pipe Plugged (Falor Street)	2	EACH	\$500.00	\$1,000.00	\$100.00	\$200.00	\$390.00	\$780.00	\$300.00	\$600.00
268	251	25" Pipe Plugged (Falor Street)	2	EACH	\$1,000.00	\$2,000.00	\$150.00	\$300.00	\$567.00	\$1,134.00	\$1,500.00	\$3,000.00
269	251	36" Pipe Plugged (Falor Street)	2	EACH	\$1,000.00	\$2,000.00	\$150.00	\$300.00	\$4,100.00	\$8,200.00	\$4,000.00	\$8,000.00
270	267	Hydrant Removal (Falor St Bridge)	1	EACH	\$3,500.00	\$3,500.00	\$650.00	\$650.00	\$344.00	\$344.00	\$210.00	\$210.00
271	254	10" Ductile Iron Water Service (Falor Street)	715	L.F.	\$125.00	\$89,375.00	\$115.00	\$82,225.00	\$95.00	\$67,925.00	\$100.00	\$71,500.00
272	261	Polyethylene Encasement	715	L.F.	\$2.00	\$1,430.00	\$5.00	\$3,575.00	\$0.80	\$572.00	\$0.50	\$357.50
<b>STEAM LINE WORK</b>												
273	202	Steam Line Removed (Falor St, west bank)	510	L.F.	\$7.50	\$3,825.00	\$5.00	\$2,550.00	\$20.00	\$10,200.00	\$5.50	\$2,805.00
274	202	3" Steam Line Removed (Utility Bridge)	70	L.F.	\$15.00	\$1,050.00	\$10.00	\$700.00	\$15.00	\$1,050.00	\$15.00	\$1,050.00
275	SPEC	3" Steam Line, As Per Plan	80	L.F.	\$250.00	\$20,000.00	\$175.00	\$14,000.00	\$175.00	\$14,000.00	\$180.00	\$14,400.00
276	SPEC	12" Steam Line (Falor St, west bank), as per plan	155	L.F.	\$300.00	\$46,500.00	\$540.00	\$83,700.00	\$549.00	\$85,095.00	\$550.00	\$85,250.00
277	SPEC	8" Condensate (Falor St, west bank), as per plan	155	L.F.	\$300.00	\$46,500.00	\$375.00	\$58,125.00	\$360.00	\$55,800.00	\$365.00	\$56,575.00
278	SPEC	10" Steam Line, as per plan	155	L.F.	\$300.00	\$46,500.00	\$440.00	\$68,200.00	\$425.00	\$65,875.00	\$430.00	\$66,650.00
<b>ALTERNATE #1</b>												
279	202	Structures Removed - Existing Pedestrian Bridge	1	L.S.	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$12,500.00	\$12,500.00
280	203	Excavation Including Embankment Construction	150	C.Y.	\$15.00	\$2,250.00	\$20.00	\$3,000.00	\$27.00	\$4,050.00	\$62.00	\$9,300.00
281	203	Borrow	200	C.Y.	\$10.00	\$2,000.00	\$14.00	\$2,800.00	\$11.50	\$2,300.00	\$36.00	\$7,200.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		**5. The Ruhlin Company		6. The Great Lake Const. Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
282	203	Proof Rolling	1	HOUR	\$200.00	\$200.00	\$125.00	\$125.00	\$200.00	\$200.00	\$260.00	\$260.00
283	207	Filter Fabric Fence	400	L.F.	\$2.50	\$1,000.00	\$2.50	\$1,000.00	\$1.50	\$600.00	\$3.00	\$1,200.00
284	207	Inlet Sediment Filter	1	EACH	\$250.00	\$250.00	\$50.00	\$50.00	\$120.00	\$120.00	\$260.00	\$260.00
285	301	4 Inch Bituminous Aggregate Base,	75	C.Y.	\$80.00	\$6,000.00	\$145.00	\$10,875.00	\$141.00	\$10,575.00	\$150.00	\$11,250.00
286	304	Aggregate Base - Bikeway, 6" Thk. (Limestone)	95	C.Y.	\$55.00	\$5,225.00	\$40.00	\$3,800.00	\$31.00	\$2,945.00	\$80.00	\$7,600.00
287	304	Aggregate Base - Walkway, 6" Thk. (Limestone)	100	C.Y.	\$55.00	\$5,500.00	\$40.00	\$4,000.00	\$31.00	\$3,100.00	\$80.00	\$8,000.00
288	304	Aggregate Base - Approach Slab, 6" Thk. (Limestone)	4	C.Y.	\$55.00	\$220.00	\$45.00	\$180.00	\$38.00	\$152.00	\$320.00	\$1,280.00
289	407	Tack Coat	70	GAL.	\$2.00	\$140.00	\$2.00	\$140.00	\$2.75	\$192.50	\$4.00	\$280.00
		Asphalt Concrete Surface Course, Type 1, 2" Thk. -										
290	448	Walkway	36	C.Y.	\$120.00	\$4,320.00	\$205.00	\$7,380.00	\$195.00	\$7,020.00	\$200.00	\$7,200.00
291	456	Concrete Walk, 6 inches Thick (bikeway)	5100	S.F.	\$4.00	\$20,400.00	\$4.80	\$24,480.00	\$3.25	\$16,575.00	\$3.25	\$16,575.00
292	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$4,000.00	\$4,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
293	506	Test Pile	1	EACH	\$182.50	\$182.50	\$21,500.00	\$21,500.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00
294	507	14 inch Auger Cast Reinforced Concrete Piles	540	L.F.	\$70.00	\$37,800.00	\$24.50	\$13,230.00	\$24.00	\$12,960.00	\$30.00	\$16,200.00
295	509	Epoxy Coated Reinforcing Steel	7050	LBS.	\$1.25	\$8,812.50	\$1.00	\$7,050.00	\$1.00	\$7,050.00	\$1.00	\$7,050.00
296	511	Class 'C' Concrete, Footings	37	C.Y.	\$600.00	\$22,200.00	\$260.00	\$9,620.00	\$250.00	\$9,250.00	\$420.00	\$15,540.00
		Class 'C' Concrete, Abutments, Wingwalls & Approach										
297	511	Slabs	65	C.Y.	\$600.00	\$39,000.00	\$550.00	\$35,750.00	\$500.00	\$32,500.00	\$550.00	\$35,750.00
		Porous Backfill, 2' Wide w/ Geotextile Fabric, Non-Woven										
298	518	(ODOT)	46	C.Y.	\$50.00	\$2,300.00	\$52.00	\$2,392.00	\$60.00	\$2,760.00	\$80.00	\$3,680.00
		6" Perforated Corrugated Plastic Pipe including Specials										
299	518	(ODOT)	60	L.F.	\$20.00	\$1,200.00	\$13.00	\$780.00	\$7.50	\$450.00	\$5.00	\$300.00
		6" Non-perforated Corrugated Plastic Pipe including										
300	518	Specials (ODOT)	14	L.F.	\$20.00	\$280.00	\$13.00	\$182.00	\$25.00	\$350.00	\$22.00	\$308.00
301	609	Engineering Geogrid for Roadways	1270	S.Y.	\$7.00	\$8,890.00	\$7.00	\$8,890.00	\$6.00	\$7,620.00	\$3.00	\$3,810.00
302	611	Modular Block Wall	800	S.F.	\$25.00	\$20,000.00	\$30.00	\$24,000.00	\$28.72	\$22,976.00	\$30.00	\$24,000.00
		Trenching Including Backfill - Section L-L (Trail & Site										
303	625	Lighting)	350	L.F.	\$20.00	\$7,000.00	\$7.75	\$2,712.50	\$4.50	\$1,575.00	\$8.00	\$2,800.00
304	625	1.5" Schedule 80 PVC Conduit (Trail & Site Lighting)	350	L.F.	\$2.00	\$700.00	\$2.15	\$752.50	\$2.55	\$892.50	\$3.00	\$1,050.00
		#6 AWG THWN Copper Wire, Ground(Trail & Site										
305	625	Lighting)	420	L.F.	\$2.00	\$840.00	\$1.25	\$525.00	\$1.35	\$567.00	\$1.50	\$630.00
306	625	#6 AWG THWN Wire, 600 V(Trail & Site Lighting)	840	L.F.	\$2.25	\$1,890.00	\$1.25	\$1,050.00	\$1.35	\$1,134.00	\$1.50	\$1,260.00
		Underground Mole Connector, 4 Outlet, (Trail & Site										
307	625	Lighting)	4	EACH	\$100.00	\$400.00	\$65.00	\$260.00	\$120.00	\$480.00	\$125.00	\$500.00
		Handhole, 17"x30"x24" Polymer Concrete (Trail & Site										
308	625	Lighting)	2	EACH	\$600.00	\$1,200.00	\$500.00	\$1,000.00	\$395.00	\$790.00	\$400.00	\$800.00
309	625	Light Pole Complete, (Trail & Site Lighting)	4	EACH	\$5,000.00	\$20,000.00	\$2,535.00	\$10,140.00	\$2,750.00	\$11,000.00	\$2,800.00	\$11,200.00
310	653	Topsoil Furnished & Placed, 4" Thick	1200	S.Y.	\$5.00	\$6,000.00	\$3.35	\$4,020.00	\$3.25	\$3,900.00	\$3.25	\$3,900.00
311	659	Lawn Seeding and Mulching	1050	S.Y.	\$1.25	\$1,312.50	\$1.15	\$1,207.50	\$1.10	\$1,155.00	\$1.10	\$1,155.00
		Planting Shrubs (Henry's Garnet Sweetspire) 18"										
312	662	Container #3	237	EACH	\$37.50	\$8,887.50	\$28.50	\$6,754.50	\$28.00	\$6,636.00	\$30.00	\$7,110.00
313	SPEC	Wood Bollards	4	EACH	\$400.00	\$1,600.00	\$400.00	\$1,600.00	\$225.00	\$900.00	\$160.00	\$640.00
314	SPEC	Collapsible Wood Bollards	2	EACH	\$700.00	\$1,400.00	\$650.00	\$1,300.00	\$985.00	\$1,970.00	\$600.00	\$1,200.00
315	SPEC	Regulatory Sign	4	EACH	\$400.00	\$1,600.00	\$175.00	\$700.00	\$75.00	\$300.00	\$300.00	\$1,200.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. J. D. Williamson Const. PRICE	4. J. D. Williamson Const. AMOUNT	**5. The Ruhlin Company PRICE	**5. The Ruhlin Company AMOUNT	6. The Great Lake Const. Co. PRICE	6. The Great Lake Const. Co. AMOUNT
316	SPEC	Protective Railing (Trail)	200	L.F.	\$200.00	\$40,000.00	\$175.00	\$35,000.00	\$165.00	\$33,000.00	\$135.00	\$27,000.00
317	SPEC	Pre-manufactured Steel Pedestrian Bridge Structure	1	L.S.	\$160,000.00	\$160,000.00	\$141,000.00	\$141,000.00	\$149,000.00	\$149,000.00	\$130,000.00	\$130,000.00
TOTAL CONSTRUCTION COSTS						\$5,806,863.25	\$5,266,154.20	\$5,376,857.20			\$5,430,217.00	
+/- ENGINEER'S ESTIMATE							-9.3%	-7.4%			-6.5%	
<b>ALTERNATE #1</b>												
TOTAL CONSTRUCTION COSTS						\$450,000.00	\$429,246.00	\$398,045.00			\$405,988.00	
+/- ENGINEER'S ESTIMATE							-4.6%	-11.5%			-9.8%	

\* Ref. #6 change neither dated nor initialed, ODOT's 2008 ARRA LPA Template "has" or "has not" not circled

\*\* Ref #259 change initialed but not dated

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$75,000.00	\$75,000.00	\$50,000.00	\$50,000.00
2	614	Maintaining Traffic	1	L.S.	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00
3	618	Computer Equipment	1	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
4	619	Field Office	1	L.S.	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00
5	623	Construction Layout Stakes	1	L.S.	\$26,000.00	\$26,000.00	\$50,000.00	\$50,000.00
6	624	Mobilization	1	L.S.	\$60,000.00	\$60,000.00	\$115,000.00	\$115,000.00
<b>Bridge and Roadway</b>								
7	201	Clearing and Grubbing	1	L.S.	\$7,500.00	\$7,500.00	\$20,000.00	\$20,000.00
8	202	Structures Removed - Storm Vault	1	L.S.	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00
9	202	Portions of Structures Removed - Bartges Bridge	1	L.S.	\$60,000.00	\$60,000.00	\$100,000.00	\$100,000.00
10	202	Pipe Abandoned, 12 inch	200	L.F.	\$25.00	\$5,000.00	\$12.00	\$2,400.00
11	202	Manhole Abandoned	2	EACH	\$250.00	\$500.00	\$800.00	\$1,600.00
12	202	Manhole Removed	4	EACH	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00
13	202	Catch Basin or Inlet Removed	2	EACH	\$200.00	\$400.00	\$300.00	\$600.00
14	202	Pipe Removed, 12 inch	140	L.F.	\$30.00	\$4,200.00	\$35.00	\$4,900.00
15	202	Pipe Removed, 20 inch - Water Pipe	170	L.F.	\$30.00	\$5,100.00	\$40.00	\$6,800.00
16	202	Pipe Removed, 24 inch	55	L.F.	\$40.00	\$2,200.00	\$20.00	\$1,100.00
17	202	Pipe Removed, 36 inch - Water Pipe	175	L.F.	\$40.00	\$7,000.00	\$50.00	\$8,750.00
18	202	Pipe Removed, 42 inch	80	L.F.	\$50.00	\$4,000.00	\$50.00	\$4,000.00
19	202	Light Pole Removed for Storage - Foundation Removed(Site)	1	EACH	\$450.00	\$450.00	\$500.00	\$500.00
20	202	Light Pole and Foundation Removed (Site)	4	EACH	\$250.00	\$1,000.00	\$200.00	\$800.00
21	202	Conduit Removed - Street Light, Communication	1110	L.F.	\$5.00	\$5,550.00	\$1.00	\$1,110.00
22	203	Excavation Including Embankment Construction	3275	C.Y.	\$15.00	\$49,125.00	\$20.00	\$65,500.00
23	203	Borrow	200	C.Y.	\$10.00	\$2,000.00	\$20.00	\$4,000.00
24	203	Subgrade Compaction	2620	S.Y.	\$4.00	\$10,480.00	\$1.00	\$2,620.00
25	203	Proof Rolling	2	HOUR	\$200.00	\$400.00	\$50.00	\$100.00
26	207	Filter Fabric Fence	900	L.F.	\$2.50	\$2,250.00	\$2.00	\$1,800.00
27	207	Concrete Wash Facility	1	EACH	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
28	207	Inlet Sediment Filter	5	EACH	\$250.00	\$1,250.00	\$150.00	\$750.00
29	301	4 Inch Bituminous Aggregate Base, Aggregate Base - Under Decorative Walk and Sidewalk,	100	C.Y.	\$80.00	\$8,000.00	\$150.00	\$15,000.00
30	304	Variable Thk. (Limestone)	60	C.Y.	\$55.00	\$3,300.00	\$40.00	\$2,400.00
31	304	Aggregate Base - Bikeway, 6" Thk. (Limestone)	125	C.Y.	\$55.00	\$6,875.00	\$38.00	\$4,750.00
32	304	Aggregate Base - Walkway, 6" Thk. (Limestone)	150	C.Y.	\$55.00	\$8,250.00	\$38.00	\$5,700.00
33	304	Aggregate Base - Pavement, 12" Thk. (Limestone)	700	C.Y.	\$55.00	\$38,500.00	\$37.00	\$25,900.00
34	407	Tack Coat	75	GAL.	\$2.00	\$150.00	\$1.00	\$75.00
35	448	Asphalt Concrete Surface Course, Type 1, 2" Thk. - Walkway	50	C.Y.	\$120.00	\$6,000.00	\$175.00	\$8,750.00
36	451	9 inch Reinforced Portland Cement Concrete Pavement	2100	S.Y.	\$70.00	\$147,000.00	\$37.00	\$77,700.00
37	456	Concrete Walk, 6 inches Thick (bikeway)	5500	S.F.	\$4.00	\$22,000.00	\$4.50	\$24,750.00
38	456	Concrete Walk, 6 inches Thick	4000	S.F.	\$5.00	\$20,000.00	\$4.00	\$16,000.00
39	456	Concrete Aprons, 6 inches Thick	1400	S.F.	\$6.00	\$8,400.00	\$5.00	\$7,000.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
40	460	Brick Walk, Standard	100	S.F.	\$15.00	\$1,500.00	\$10.00	\$1,000.00
41	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$30,000.00	\$30,000.00	\$300,000.00	\$300,000.00
42	506	Static Load Test	2	EACH	\$15,000.00	\$30,000.00	\$15,000.00	\$30,000.00
43	507	12 inch Auger Cast Reinforced Concrete Piles	4500	L.F.	\$70.00	\$315,000.00	\$22.00	\$99,000.00
44	509	Epoxy Coated Reinforcing Steel	45000	LBS.	\$1.25	\$56,250.00	\$1.00	\$45,000.00
45	510	Dowel Holes	488	EACH	\$11.00	\$5,368.00	\$15.00	\$7,320.00
46	511	Class 'C' Concrete, Footings	157	C.Y.	\$600.00	\$94,200.00	\$500.00	\$78,500.00
		24 inch Storm Sewer, Type A or B, Class NR or B Bedding						
47	552	"as required"	53	L.F.	\$50.00	\$2,650.00	\$80.00	\$4,240.00
48	552	42 inch Storm Sewer, RCP , Type, Class B Bedding	89	L.F.	\$150.00	\$13,350.00	\$135.00	\$12,015.00
		12 inch Inlet Connection,706.08 w/ 706.12,Class B						
49	553	Bedding	12	L.F.	\$50.00	\$600.00	\$30.00	\$360.00
		12 inch Inlet Connection,706.02 w/ 706.11,Class B						
50	553	Bedding	20	L.F.	\$50.00	\$1,000.00	\$30.00	\$600.00
		15 inch Sanitary Sewer, PVC Composite Class NR						
51	557	Bedding	205	L.F.	\$140.00	\$28,700.00	\$110.00	\$22,550.00
52	562	Manhole MH-2A on Sanitary Sewer	3	EACH	\$4,000.00	\$12,000.00	\$3,600.00	\$10,800.00
53	562	Manhole Slabtop MH-2B on Storm Sewer	1	EACH	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
54	562	Manhole MH-3C on Storm Sewer	3	EACH	\$5,000.00	\$15,000.00	\$6,000.00	\$18,000.00
55	562	Storm/San Manhole, As per Plan	1	EACH	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00
56	562	Brick Manhole Adjusted	2	EACH	\$500.00	\$1,000.00	\$400.00	\$800.00
57	562	Manhole ReConstructed, MH-2B on Storm Sewer	1	EACH	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
58	562	Manhole Rebuilt	5	L.F.	\$100.00	\$500.00	\$200.00	\$1,000.00
59	562	Manhole Rechanneled	2	EACH	\$400.00	\$800.00	\$1,100.00	\$2,200.00
60	563	No. 5 Inlet	2	EACH	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00
61	564	4 inch Pipe Underdrains	660	L.F.	\$6.00	\$3,960.00	\$5.00	\$3,300.00
62	604	Bank Run Gravel	250	C.Y.	\$30.00	\$7,500.00	\$24.00	\$6,000.00
63	608	Fence Removal and Reconstruction	80	L.F.	\$20.00	\$1,600.00	\$21.00	\$1,680.00
64	609	Engineering Geogrid for Roadways	2720	S.Y.	\$7.00	\$19,040.00	\$6.00	\$16,320.00
65	611	Modular Block Wall	950	S.F.	\$25.00	\$23,750.00	\$35.00	\$33,250.00
66	621	Lane Lines, 4 inch (Per ODOT 646)	1100	L.F.	\$2.00	\$2,200.00	\$0.25	\$275.00
67	622	Monument Boxes	1	EACH	\$500.00	\$500.00	\$500.00	\$500.00
		Handhole, 24" x 36" x 24" Polymer Concrete						
68	625	(Communication)	4	EACH	\$600.00	\$2,400.00	\$650.00	\$2,600.00
69	625	3" Schedule 40 PVC Conduit (Communication)	750	L.F.	\$3.25	\$2,437.50	\$5.00	\$3,750.00
		Trenching Including Backfill, including encasement						
70	625	(Communication)	375	L.F.	\$20.00	\$7,500.00	\$14.00	\$5,250.00
71	625	Trenching and Backfill(Communication)	20	L.F.	\$20.00	\$400.00	\$6.00	\$120.00
72	630	Traffic Sign - Type A	3	EACH	\$250.00	\$750.00	\$130.00	\$390.00
73	630	Traffic Sign - Type B	2	EACH	\$250.00	\$500.00	\$190.00	\$380.00
74	630	Traffic Sign Reset	3	EACH	\$100.00	\$300.00	\$75.00	\$225.00
75	630	Traffic Sign - Removed	5	EACH	\$25.00	\$125.00	\$30.00	\$150.00
76	653	Topsoil Furnished & Placed, 4" Thick	3400	S.Y.	\$5.00	\$17,000.00	\$2.50	\$8,500.00
77	659	Lawn Seeding and Mulching	2400	S.Y.	\$1.25	\$3,000.00	\$1.00	\$2,400.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
78	662	Planting Shrubs (Dwarf Bush Honeysuckle) 18" Container #3	788	EACH	\$32.50	\$25,610.00	\$30.00	\$23,640.00
79	662	Planting Shrubs (Henry's Garnet Sweetspire) 18" Container #3	728	EACH	\$37.50	\$27,300.00	\$30.00	\$21,840.00
80	662	Planting Shrubs (Grow Low Sumac) 18" Container #3	147	EACH	\$38.75	\$5,696.25	\$30.00	\$4,410.00
81	663	Tree Planting in Lawn Area (American Sycamore) 3" B & B	2	EACH	\$565.00	\$1,130.00	\$245.00	\$490.00
82	663	Tree Planting in Lawn Area (American Yellowwood) 2.5" B & B	6	EACH	\$440.00	\$2,640.00	\$300.00	\$1,800.00
83	663	Tree Planting in Lawn Area (Goldenrain Tree) 2.5" B & B	7	EACH	\$450.00	\$3,150.00	\$300.00	\$2,100.00
84	669	Protecting Trees	1	L.S.	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
85	672	Park Sign, Reset	1	EACH	\$1,000.00	\$1,000.00	\$800.00	\$800.00
86	SPEC	Decorative Concrete Walk, 6" thick (Brick Red color)(median, lawnstrip)	1900	S.F.	\$14.00	\$26,600.00	\$11.00	\$20,900.00
87	SPEC	Wood Bollards	2	EACH	\$400.00	\$800.00	\$200.00	\$400.00
88	SPEC	Collapsible Wood Bollards	1	EACH	\$700.00	\$700.00	\$700.00	\$700.00
89	SPEC	Regulatory Sign	2	EACH	\$400.00	\$800.00	\$75.00	\$150.00
90	SPEC	Protective Railing (Parapet)	120	L.F.	\$200.00	\$24,000.00	\$225.00	\$27,000.00
91	SPEC	Protective Railing (Trail)	325	L.F.	\$200.00	\$65,000.00	\$142.00	\$46,150.00
92	SPEC	Asbestos Abatement Bartges Street Bridge materials and piping	1	L.S.	\$20,000.00	\$20,000.00	\$30,000.00	\$30,000.00
93	SPEC	Asbestos Abatement Insurance	1	L.S.	\$1,000.00	\$1,000.00	\$5,500.00	\$5,500.00
94	SPEC	Precast Hydrodynamic Stormwater Treatment System	1	EACH	\$150,000.00	\$150,000.00	\$75,000.00	\$75,000.00
95	SPEC	Pre-Manufactured Concrete Bridge 16' wide x 10' high x 96' long	1	EACH	\$216,000.00	\$216,000.00	\$500,000.00	\$500,000.00
96	SPEC	Pre-Manufactured Concrete Bridge 36' wide x 11' high x 96' long	1	EACH	\$457,000.00	\$457,000.00	\$250,000.00	\$250,000.00
<b>Water</b>								
97	202	Water Main Removed	300	L.F.	\$25.00	\$7,500.00	\$10.00	\$3,000.00
98	202	Water Main Valve Removed for Salvage	4	EACH	\$250.00	\$1,000.00	\$150.00	\$600.00
99	252	Trenches for Water Services in Earth	150	L.F.	\$15.00	\$2,250.00	\$10.00	\$1,500.00
100	254	4 inch Ductile Iron Pipe (Installation only)	20	L.F.	\$35.00	\$700.00	\$25.00	\$500.00
101	254	8 inch Ductile Iron Pipe (Installation only)	150	L.F.	\$35.00	\$5,250.00	\$27.00	\$4,050.00
102	254	16 inch Ductile Iron Pipe (Installation only)	400	L.F.	\$40.00	\$16,000.00	\$36.00	\$14,400.00
103	258	4 inch Gate Valve	1	EACH	\$500.00	\$500.00	\$600.00	\$600.00
104	258	8 inch Gate Valve	4	EACH	\$800.00	\$3,200.00	\$950.00	\$3,800.00
105	258	16 inch Butterfly Valve	2	EACH	\$2,750.00	\$5,500.00	\$2,800.00	\$5,600.00
106	259	8" x 4" Reducer	1	EACH	\$250.00	\$250.00	\$200.00	\$200.00
107	259	16" X 16" X 8" Tee	1	EACH	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00
108	259	16" X 8" Cross	1	EACH	\$600.00	\$600.00	\$1,400.00	\$1,400.00
109	259	8" X 8" X 8" Tee	1	EACH	\$350.00	\$350.00	\$500.00	\$500.00
110	259	16" 22 1/2 Degree Bend	2	EACH	\$600.00	\$1,200.00	\$950.00	\$1,900.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
111	259	16" 45 Degree Bend	6	EACH	\$600.00	\$3,600.00	\$1,000.00	\$6,000.00
112	259	16" 11.25 Degree Bend Degree Bend	1	EACH	\$350.00	\$350.00	\$950.00	\$950.00
113	259	4" Solid Sleeve	1	EACH	\$250.00	\$250.00	\$125.00	\$125.00
114	259	8" Solid Sleeve	2	EACH	\$400.00	\$800.00	\$200.00	\$400.00
115	259	16" Solid Sleeve	2	EACH	\$600.00	\$1,200.00	\$900.00	\$1,800.00
116	259	Curb Meter Pit, as Per Plan	1	EACH	\$1,500.00	\$1,500.00	\$800.00	\$800.00
117	260	Fire Hydrants (B848 Hyd.)	1	EACH	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
118	261	Polyethylene Encasement 4 inch Pipe	20	L.F.	\$1.50	\$30.00	\$0.50	\$10.00
119	261	Polyethylene Encasement 8 inch Pipe	150	L.F.	\$1.50	\$225.00	\$0.50	\$75.00
120	261	Polyethylene Encasement 16 inch Pipe	400	L.F.	\$2.50	\$1,000.00	\$1.00	\$400.00
121	263	Tying Into Existing 4 inch Main	1	EACH	\$250.00	\$250.00	\$4,000.00	\$4,000.00
122	263	Tying Into Existing 8 inch Main	2	EACH	\$500.00	\$1,000.00	\$5,000.00	\$10,000.00
123	263	Tying Into Existing 16 inch Main	2	EACH	\$1,000.00	\$2,000.00	\$10,000.00	\$20,000.00
124	264	30 inch Steel Casing Pipe (.375 inch Min. Wall) -(Water Main)	73	L.F.	\$350.00	\$25,550.00	\$1,175.00	\$85,775.00
125	265	Water Main Valve Boxes Adjusted	1	EACH	\$200.00	\$200.00	\$50.00	\$50.00
126	266	Tapping Water Mains and Installing Services (2" Copper)	150	L.F.	\$25.00	\$3,750.00	\$40.00	\$6,000.00
		<b>First Energy</b>						
127	202	Electrical Conduit Removal (Ohio Edison)	1	L.S.	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00
128	264	36 inch Steel Casing Pipe (.375 inch Min. Wall)	95	L.F.	\$420.00	\$39,900.00	\$1,300.00	\$123,500.00
129	625	5" Conduit	1575	L.F.	\$5.00	\$7,875.00	\$12.00	\$18,900.00
130	625	6" Conduit	4200	L.F.	\$6.00	\$25,200.00	\$16.00	\$67,200.00
131	625	Trenching and Backfill including Encasement, Section A-A	80	L.F.	\$60.00	\$4,800.00	\$90.00	\$7,200.00
132	625	Trenching and Backfill including Encasement, Section B-B	60	L.F.	\$60.00	\$3,600.00	\$65.00	\$3,900.00
133	625	Trenching and Backfill including Encasement, Section C-C	93	L.F.	\$70.00	\$6,510.00	\$35.00	\$3,255.00
134	625	Trenching and Backfill including Encasement, Section D-D	45	L.F.	\$70.00	\$3,150.00	\$100.00	\$4,500.00
135	625	Trenching and Backfill including Encasement, Section E-E	20	L.F.	\$85.00	\$1,700.00	\$180.00	\$3,600.00
136	625	Trenching and Backfill including Encasement, Section F-F	30	L.F.	\$75.00	\$2,250.00	\$65.00	\$1,950.00
137	625	Trenching and Backfill including Encasement, Section G-G	110	L.F.	\$60.00	\$6,600.00	\$90.00	\$9,900.00
138	625	Trenching and Backfill including Encasement, Section H-H	110	L.F.	\$45.00	\$4,950.00	\$90.00	\$9,900.00
		<b>Lighting</b>						
139	202	Light Pole Removed for Reuse or Storage (Street Lighting)	2	EACH	\$250.00	\$500.00	\$400.00	\$800.00
140	202	Structures Removed - Light Pole Foundation	2	EACH	\$250.00	\$500.00	\$200.00	\$400.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
141	625	Street Light Pole and Fixtures, Reset (Street Lighting)	2	EACH	\$1,000.00	\$2,000.00	\$225.00	\$450.00
142	625	Street Light Pole Foundation (Street Lighting)	2	EACH	\$2,000.00	\$4,000.00	\$800.00	\$1,600.00
143	625	Ground Rod (Street Lighting)	2	EACH	\$200.00	\$400.00	\$115.00	\$230.00
144	625	Handhole, 17" x 30" x 24" Polymer Concrete (Street Lighting)	2	EACH	\$600.00	\$1,200.00	\$550.00	\$1,100.00
145	625	2" Schedule 40 PVC Conduit (Street Lighting)	300	L.F.	\$3.00	\$900.00	\$3.50	\$1,050.00
146	625	Trenching Including Backfill, including encasement (Street Light)	300	L.F.	\$20.00	\$6,000.00	\$10.00	\$3,000.00
147	625	Trenching Including Backfill (Street Light)	20	L.F.	\$20.00	\$400.00	\$4.00	\$80.00
148	625	No. 4 AWG Distribution Cable Type XLP-USE 600 V Dist (Street Light)	1000	L.F.	\$2.25	\$2,250.00	\$2.00	\$2,000.00
149	625	No. 10 AWG Pole and Bracket Cable, Type THHN (Street Light)	300	L.F.	\$1.25	\$375.00	\$0.75	\$225.00
150	625	Fused Connector Kit (Street Light)	2	EACH	\$85.00	\$170.00	\$60.00	\$120.00
151	625	Unfused Connector Kit (Street Light)	2	EACH	\$85.00	\$170.00	\$60.00	\$120.00
152	625	Underground Mole Connector, 4 Outlet, Homac RXL-4 or Equal (Street Light)	4	EACH	\$100.00	\$400.00	\$100.00	\$400.00
153	625	Trenching Including Backfill - Section J-J (Trail & Site Lighting)	525	L.F.	\$20.00	\$10,500.00	\$6.00	\$3,150.00
154	625	Trenching Including Backfill - Section K-K (Trail & Site Lighting)	250	L.F.	\$20.00	\$5,000.00	\$6.00	\$1,500.00
155	625	Trenching Including Backfill - Section L-L (Trail & Site Lighting)	425	L.F.	\$20.00	\$8,500.00	\$6.00	\$2,550.00
156	625	Trenching Including Backfill - Section M-M (Trail & Site Lighting)	30	L.F.	\$20.00	\$600.00	\$6.00	\$180.00
157	625	1.5" Schedule 80 PVC Conduit (Trail & Site Lighting)	700	L.F.	\$2.00	\$1,400.00	\$4.00	\$2,800.00
158	625	2" Schedule 80 PVC Conduit (Trail & Site Lighting)	170	L.F.	\$25.00	\$4,250.00	\$5.00	\$850.00
159	625	5" Schedule 80 PVC Conduit (Trail & Site Lighting)	760	L.F.	\$3.00	\$2,280.00	\$7.00	\$5,320.00
160	625	Light Pole Complete, (Trail & Site Lighting)	12	EACH	\$5,000.00	\$60,000.00	\$4,000.00	\$48,000.00
161	625	350 MCM THWN Copper Wire, Ground (Trail & Site Lighting)	2300	L.F.	\$3.00	\$6,900.00	\$7.50	\$17,250.00
162	625	350 MCM THWN Wire, 600 V (Trail & Site Lighting)	14250	L.F.	\$3.50	\$49,875.00	\$7.50	\$106,875.00
163	625	#6 AWG THWN Copper Wire, Ground(Trail & Site Lighting)	815	L.F.	\$2.00	\$1,630.00	\$1.00	\$815.00
164	625	#6 AWG THWN Wire, 600 V(Trail & Site Lighting)	1630	L.F.	\$2.25	\$3,667.50	\$1.00	\$1,630.00
165	625	#10 AWG THWNCopper Wire, Ground (Trail & Site Lighting)	400	L.F.	\$2.00	\$800.00	\$0.75	\$300.00
166	625	#10 AWG THWN Wire, 600 V (Trail & Site Lighting)	1600	L.F.	\$2.25	\$3,600.00	\$0.75	\$1,200.00
167	625	Underground Mole Connector, 4 Outlet, (Trail & Site Lighting)	18	EACH	\$100.00	\$1,800.00	\$75.00	\$1,350.00
168	625	Handhole, 24"x36"x24" Polymer Concrete (Trail & Site Lighting)	2	EACH	\$700.00	\$1,400.00	\$700.00	\$1,400.00
169	625	Handhole, 17"x30"x24" Polymer Concrete (Trail & Site Lighting)	1	EACH	\$600.00	\$600.00	\$550.00	\$550.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
170	SPEC	Lighting Circuit Connections (Trail & Site Lighting)	1	L.S.	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00
<b>AES TOWPATH TRAIL</b>								
<b>SITE WORK</b>								
171	107	Type 3 Construction Barricade	1	L.S.	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00
172	201	Clearing and Grubbing	1	L.S.	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
173	202	Falor Street Bridge & Abutment Removal with Dewatering	1	L.S.	\$110,000.00	\$110,000.00	\$150,000.00	\$150,000.00
174	202	Falor Street Abutment Wall Sawcutting	42	L.F.	\$75.00	\$3,150.00	\$350.00	\$14,700.00
175	202	Concrete Canal Liner Removed	1416	S.Y.	\$36.00	\$50,976.00	\$10.00	\$14,160.00
176	202	Asphalt Pavement Removed	1218	S.Y.	\$8.00	\$9,744.00	\$4.00	\$4,872.00
177	202	Concrete Curb Sawcut & Removed	32	L.F.	\$10.00	\$320.00	\$5.00	\$160.00
178	202	Concrete Pavement Removed	18	S.Y.	\$27.00	\$486.00	\$4.00	\$72.00
179	202	Broken Concrete Pavement Removed	580	S.F.	\$3.00	\$1,740.00	\$1.00	\$580.00
180	202	Guardrail Removed	100	L.F.	\$4.00	\$400.00	\$4.00	\$400.00
181	202	Fence Removed	388	L.F.	\$5.00	\$1,940.00	\$3.00	\$1,164.00
182	202	Electronic Gate Removed	1	EACH	\$1,000.00	\$1,000.00	\$300.00	\$300.00
183	202	Gate Removed	2	EACH	\$500.00	\$1,000.00	\$200.00	\$400.00
184	202	Post Removed	2	L.S.	\$200.00	\$400.00	\$200.00	\$400.00
185	202	Valve Removed	1	EACH	\$150.00	\$150.00	\$1,200.00	\$1,200.00
186	202	Pump House Vault lines Removed	33	L.F.	\$17.00	\$561.00	\$75.00	\$2,475.00
187	202	Pump House Vault Removed	1	EACH	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
188	202	RR Track Removed	248	L.F.	\$50.00	\$12,400.00	\$16.00	\$3,968.00
189	202	Remove Bench	1	L.S.	\$200.00	\$200.00	\$75.00	\$75.00
190	202	Sheet Pile and Concrete Removed	13	L.F.	\$50.00	\$650.00	\$200.00	\$2,600.00
191	203	Embankment	1	L.S.	\$8,125.00	\$8,125.00	\$50,000.00	\$50,000.00
192	203	Excavation not including Embankment	1	L.S.	\$63,500.00	\$63,500.00	\$100,000.00	\$100,000.00
193	203	Subgrade Compaction	6029	S.Y.	\$1.50	\$9,043.50	\$1.00	\$6,029.00
194	203	Proof Rolling	10	HOUR	\$150.00	\$1,500.00	\$50.00	\$500.00
195	207	Wattle Protection	1000	L.F.	\$2.50	\$2,500.00	\$3.50	\$3,500.00
196	207	Sediment Trap	1	L.S.	\$4,000.00	\$4,000.00	\$6,000.00	\$6,000.00
197	301	6" Bituminous Aggregate Base (Asphalt Pavement)	70	C.Y.	\$35.00	\$2,450.00	\$150.00	\$10,500.00
198	304	Aggregate Base, Limestone, 4 Inches Thick (Trail)	360	C.Y.	\$35.00	\$12,600.00	\$40.00	\$14,400.00
199	304	Aggregate Base, Limestone, 4 Inches Thick (Walk)	10	C.Y.	\$35.00	\$350.00	\$38.00	\$380.00
200	304	Aggregate Base, Limestone, 4 Inches Thick (Canal Liner)	31	C.Y.	\$35.00	\$1,085.00	\$150.00	\$4,650.00
201	304	Aggregate Stabilization	200	C.Y.	\$55.00	\$11,000.00	\$55.00	\$11,000.00
202	407	Tack Coat	40	Gal.	\$1.25	\$50.00	\$1.00	\$40.00
203	448	Asphalt Concrete Surface Course, Type 1, 1 1/4" Thick	15	C.Y.	\$125.00	\$1,875.00	\$250.00	\$3,750.00
204	456	Concrete Walk, 6 Inches Thick (Trail)	3231	S.Y.	\$40.00	\$129,240.00	\$35.00	\$113,085.00
205	456	Concrete Walk, 6 Inches Thick (Walk)	91	S.Y.	\$40.00	\$3,640.00	\$35.00	\$3,185.00
206	456	Concrete Walk, 8 Inches Thick (Canal Liner)	280	S.Y.	\$50.00	\$14,000.00	\$92.00	\$25,760.00
207	456	Concrete Curb Ramp	1	EACH	\$750.00	\$750.00	\$600.00	\$600.00
208	551	6" Storm Sewer, Type B, Class B Bedding	26	L.F.	\$38.00	\$2,014.00	\$17.00	\$901.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
209	551	12" Storm Sewer, Type B, Class B Bedding	44	L.F.	\$38.00	\$1,672.00	\$45.00	\$1,980.00
210	562	Brick Manhole Adjusted	1	EACH	\$1,500.00	\$1,500.00	\$600.00	\$600.00
211	563	Catch Basin	1	EACH	\$1,500.00	\$1,500.00	\$450.00	\$450.00
212	606	Type 5 Guardrail (Falor St Bridge)	106	L.F.	\$80.00	\$8,480.00	\$22.00	\$2,332.00
213	607	96" Chain Link Fence, as per plan	1160	L.F.	\$50.00	\$58,000.00	\$35.00	\$40,600.00
214	607	96" Chain Link Fence (Surface Mounted), as per plan	120	L.F.	\$50.00	\$6,000.00	\$42.00	\$5,040.00
215	609	Engineering Geogrid	200	S.Y.	\$6.00	\$1,200.00	\$6.00	\$1,200.00
216	622	Monument Boxes @ monitoring Wells	2	EACH	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00
217	626	Geotextile Fabric 712.09, Type D	200	S.Y.	\$6.00	\$1,200.00	\$1.50	\$300.00
218	630	ODOT W12-2-18 Low Clearance Sign	2	EACH	\$300.00	\$600.00	\$80.00	\$160.00
219	651	Topsoil Stockpiled (Trucked off, assume 6" depth)	1	L.S.	\$6,500.00	\$6,500.00	\$8,500.00	\$8,500.00
220	653	Furnished and Placed Topsoil 4" depth	1	L.S.	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00
221	659	Lawn Seeding and Mulching	1	L.S.	\$7,500.00	\$7,500.00	\$4,000.00	\$4,000.00
222	662	Diervilla Ionicera	102	EACH	\$48.00	\$4,896.00	\$30.00	\$3,060.00
223	662	Physocarpus opulifolius 'Summer Wine'	95	EACH	\$54.00	\$5,130.00	\$31.00	\$2,945.00
224	662	Viburnum detatum 'Blubzam'	95	EACH	\$54.00	\$5,130.00	\$34.00	\$3,230.00
225	662	Viburnum detatum 'Rastzam'	97	EACH	\$54.00	\$5,238.00	\$34.00	\$3,298.00
226	668	Seeding and Excelsior Matting	1	L.S.	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00
227	SPEC	Steel Railing, as per plan	1061	L.F.	\$150.00	\$159,150.00	\$141.00	\$149,601.00
228	SPEC	Steel Railing (Surface Mounted), as per plan	20	L.F.	\$150.00	\$3,000.00	\$234.00	\$4,680.00
229	SPEC	Interpretive Sign	3	EACH	\$2,000.00	\$6,000.00	\$700.00	\$2,100.00
230	SPEC	Asbestos Abatement (Utility & Falor St Bridges)	1	L.S.	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00
231	SPEC	Construction Fence, as per plan	125	L.F.	\$10.00	\$1,250.00	\$8.00	\$1,000.00
232	SPEC	Concrete Washout Facility, as per plan	1	EACH	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
233	SPEC	Construction Entrance, as per plan	1	EACH	\$550.00	\$550.00	\$2,000.00	\$2,000.00
234	SPEC	Box Culvert 'A', as per plan	1	EACH	\$7,000.00	\$7,000.00	\$68,000.00	\$68,000.00
235	SPEC	Box Culvert 'B', as per plan	1	EACH	\$5,000.00	\$5,000.00	\$50,000.00	\$50,000.00
<b>UTILITY WORK (NO DOMESTIC WATER OR STEAM)</b>								
Fuel Oil Transmission Pump Removal & all Associated								
236	202	Work	1	L.S.	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00
237	202	10" & Smaller Pipe Removed (Falor Street)	5100	L.F.	\$15.00	\$76,500.00	\$8.00	\$40,800.00
238	202	8" & Smaller Pipe Removed (Utility Bridge)	160	L.F.	\$10.00	\$1,600.00	\$25.00	\$4,000.00
239	202	4" Chill Water Lines Removed	758	L.F.	\$7.50	\$5,685.00	\$12.00	\$9,096.00
240	202	Concrete Pavement Removed (Falor Street)	300	SY	\$36.00	\$10,800.00	\$4.00	\$1,200.00
241	202	Concrete Removed (Utility Bridge)	1	S.Y.	\$50.00	\$50.00	\$100.00	\$100.00
Electrical Line Removal & all Associated Work (Falor								
242	202	Street)	1	L.S.	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00
243	251	10" & Smaller Pipe Plugged (Falor Street)	20	EACH	\$500.00	\$10,000.00	\$100.00	\$2,000.00
244	SPEC	4" Chill Water Lines, Exposed, as per plan	200	L.F.	\$150.00	\$30,000.00	\$125.00	\$25,000.00
245	SPEC	4" Chill Water Lines, Trench Section, as per plan	710	L.F.	\$100.00	\$71,000.00	\$80.00	\$56,800.00
246	SPEC	6" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$60.00	\$1,800.00	\$200.00	\$6,000.00
247	SPEC	3" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$45.00	\$1,350.00	\$130.00	\$3,900.00
248	SPEC	4" Fuel Oil Line Raised (Utility Bridge), as per plan	30	L.F.	\$50.00	\$1,500.00	\$185.00	\$5,550.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
<b>LIGHTING</b>								
249	625	Light poles, fiberglass pole, excl concrete bases	34.00	EACH	\$600.00	\$20,400.00	\$1,800.00	\$61,200.00
250	625	LED acorn post top fixture, excl pole	34.00	EACH	\$1,650.00	\$56,100.00	\$1,500.00	\$51,000.00
251	625	Cast in Place Concrete Pole Base	34.00	EACH	\$1,500.00	\$51,000.00	\$900.00	\$30,600.00
252	625	Fustat, 120 V, 0.3 to 14 amp	68.00	EACH	\$22.00	\$1,496.00	\$85.00	\$5,780.00
253	625	PVC conduit, schdl 40, 5" diameter, incl terminations, fittings & support	2,400.00	L.F.	\$36.50	\$87,600.00	\$10.00	\$24,000.00
254	625	PVC conduit schdl 40, 1-1/2" diameter, incl terminations, fittings & support	2,000.00	L.F.	\$19.55	\$39,100.00	\$8.00	\$16,000.00
255	625	Weatherproof Pull Box with bolt on cover	2.00	EACH	\$685.00	\$1,370.00	\$700.00	\$1,400.00
256	625	Grounding rod, copper clad, 8' long, 3/4" diameter	34.00	EACH	\$137.00	\$4,658.00	\$85.00	\$2,890.00
<b>STRUCTURAL</b>								
257	203	Embankment, Granular Materials	2325	C.Y.	\$30.00	\$69,750.00	\$21.00	\$48,825.00
258	503	Steel Sheet Piling Wall #1 w/ dewatering, as per plan	33925	S.F.	\$33.00	\$1,119,525.00	\$28.00	\$949,900.00
259	503	Steel Sheet Piling Wall #2, as per plan	5258	S.F.	\$35.25	\$185,344.50	\$36.00	\$189,288.00
260	518	Porous Backfill w/ Filter Fabric	101	C.Y.	\$65.00	\$6,565.00	\$45.00	\$4,545.00
261	551	4" Perforated Plastic Pipe	1200	L.F.	\$15.00	\$18,000.00	\$2.00	\$2,400.00
262	SPEC	Reinforced Concrete Wall w/ dewatering, as per plan	24	C.Y.	\$770.00	\$18,480.00	\$1,000.00	\$24,000.00
263	SPEC	Structural Survey and Monitoring of Vibrations, as per plan	1	Lump	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00
<b>DOMESTIC WATER LINE WORK</b>								
264	202	25" Pipe Removed (Falor Street)	100	L.F.	\$30.00	\$3,000.00	\$25.00	\$2,500.00
265	202	36" Pipe Removed (Falor Street)	172	L.F.	\$40.00	\$6,880.00	\$30.00	\$5,160.00
266	202	10" & Smaller Pipe Removed (Falor Street)	100	L.F.	\$15.00	\$1,500.00	\$8.00	\$800.00
267	251	10" & Smaller Pipe Plugged (Falor Street)	2	EACH	\$500.00	\$1,000.00	\$100.00	\$200.00
268	251	25" Pipe Plugged (Falor Street)	2	EACH	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00
269	251	36" Pipe Plugged (Falor Street)	2	EACH	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00
270	267	Hydrant Removal (Falor St Bridge)	1	EACH	\$3,500.00	\$3,500.00	\$800.00	\$800.00
271	254	10" Ductile Iron Water Service (Falor Street)	715	L.F.	\$125.00	\$89,375.00	\$105.00	\$75,075.00
272	261	Polyethylene Encasement	715	L.F.	\$2.00	\$1,430.00	\$2.00	\$1,430.00
<b>STEAM LINE WORK</b>								
273	202	Steam Line Removed (Falor St, west bank)	510	L.F.	\$7.50	\$3,825.00	\$20.00	\$10,200.00
274	202	3" Steam Line Removed (Utility Bridge)	70	L.F.	\$15.00	\$1,050.00	\$20.00	\$1,400.00
275	SPEC	3" Steam Line, As Per Plan	80	L.F.	\$250.00	\$20,000.00	\$125.00	\$10,000.00
276	SPEC	12" Steam Line (Falor St, west bank), as per plan	155	L.F.	\$300.00	\$46,500.00	\$650.00	\$100,750.00
277	SPEC	8" Condensate (Falor St, west bank), as per plan	155	L.F.	\$300.00	\$46,500.00	\$560.00	\$86,800.00
278	SPEC	10" Steam Line, as per plan	155	L.F.	\$300.00	\$46,500.00	\$550.00	\$85,250.00
<b>ALTERNATE #1</b>								
279	202	Structures Removed - Existing Pedestrian Bridge	1	L.S.	\$5,000.00	\$5,000.00	\$30,000.00	\$30,000.00
280	203	Excavation Including Embankment Construction	150	C.Y.	\$15.00	\$2,250.00	\$45.00	\$6,750.00
281	203	Borrow	200	C.Y.	\$10.00	\$2,000.00	\$15.00	\$3,000.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		7. Cavanaugh Building Corp.	
					PRICE	AMOUNT	PRICE	AMOUNT
282	203	Proof Rolling	1	HOUR	\$200.00	\$200.00	\$50.00	\$50.00
283	207	Filter Fabric Fence	400	L.F.	\$2.50	\$1,000.00	\$2.00	\$800.00
284	207	Inlet Sediment Filter	1	EACH	\$250.00	\$250.00	\$250.00	\$250.00
285	301	4 Inch Bituminous Aggregate Base,	75	C.Y.	\$80.00	\$6,000.00	\$160.00	\$12,000.00
286	304	Aggregate Base - Bikeway, 6" Thk. (Limestone)	95	C.Y.	\$55.00	\$5,225.00	\$42.00	\$3,990.00
287	304	Aggregate Base - Walkway, 6" Thk. (Limestone)	100	C.Y.	\$55.00	\$5,500.00	\$42.00	\$4,200.00
288	304	Aggregate Base - Approach Slab, 6" Thk. (Limestone)	4	C.Y.	\$55.00	\$220.00	\$40.00	\$160.00
289	407	Tack Coat	70	GAL.	\$2.00	\$140.00	\$1.00	\$70.00
		Asphalt Concrete Surface Course, Type 1, 2" Thk. -						
290	448	Walkway	36	C.Y.	\$120.00	\$4,320.00	\$240.00	\$8,640.00
291	456	Concrete Walk, 6 inches Thick (bikeway)	5100	S.F.	\$4.00	\$20,400.00	\$4.50	\$22,950.00
292	503	Cofferdams, Cribs and Sheeting	1	L.S.	\$4,000.00	\$4,000.00	\$12,000.00	\$12,000.00
293	506	Test Pile	1	EACH	\$182.50	\$182.50	\$21,000.00	\$21,000.00
294	507	14 inch Auger Cast Reinforced Concrete Piles	540	L.F.	\$70.00	\$37,800.00	\$30.00	\$16,200.00
295	509	Epoxy Coated Reinforcing Steel	7050	LBS.	\$1.25	\$8,812.50	\$1.00	\$7,050.00
296	511	Class 'C' Concrete, Footings	37	C.Y.	\$600.00	\$22,200.00	\$490.00	\$18,130.00
		Class 'C' Concrete, Abutments, Wingwalls & Approach						
297	511	Slabs	65	C.Y.	\$600.00	\$39,000.00	\$420.00	\$27,300.00
		Porous Backfill, 2' Wide w/ Geotextile Fabric, Non-Woven						
298	518	(ODOT)	46	C.Y.	\$50.00	\$2,300.00	\$55.00	\$2,530.00
		6" Perforated Corrugated Plastic Pipe including Specials						
299	518	(ODOT)	60	L.F.	\$20.00	\$1,200.00	\$2.00	\$120.00
		6" Non-perforated Corrugated Plastic Pipe including						
300	518	Specials (ODOT)	14	L.F.	\$20.00	\$280.00	\$2.00	\$28.00
301	609	Engineering Geogrid for Roadways	1270	S.Y.	\$7.00	\$8,890.00	\$6.00	\$7,620.00
302	611	Modular Block Wall	800	S.F.	\$25.00	\$20,000.00	\$46.00	\$36,800.00
		Trenching Including Backfill - Section L-L (Trail & Site						
303	625	Lighting)	350	L.F.	\$20.00	\$7,000.00	\$4.00	\$1,400.00
304	625	1.5" Schedule 80 PVC Conduit (Trail & Site Lighting)	350	L.F.	\$2.00	\$700.00	\$4.00	\$1,400.00
		#6 AWG THWN Copper Wire, Ground(Trail & Site						
305	625	Lighting)	420	L.F.	\$2.00	\$840.00	\$1.00	\$420.00
306	625	#6 AWG THWN Wire, 600 V(Trail & Site Lighting)	840	L.F.	\$2.25	\$1,890.00	\$1.00	\$840.00
		Underground Mole Connector, 4 Outlet, (Trail & Site						
307	625	Lighting)	4	EACH	\$100.00	\$400.00	\$75.00	\$300.00
		Handhole, 17"x30"x24" Polymer Concrete (Trail & Site						
308	625	Lighting)	2	EACH	\$600.00	\$1,200.00	\$550.00	\$1,100.00
309	625	Light Pole Complete, (Trail & Site Lighting)	4	EACH	\$5,000.00	\$20,000.00	\$2,000.00	\$8,000.00
310	653	Topsoil Furnished & Placed, 4" Thick	1200	S.Y.	\$5.00	\$6,000.00	\$3.00	\$3,600.00
311	659	Lawn Seeding and Mulching	1050	S.Y.	\$1.25	\$1,312.50	\$1.00	\$1,050.00
		Planting Shrubs (Henry's Garnet Sweetspire) 18"						
312	662	Container #3	237	EACH	\$37.50	\$8,887.50	\$30.00	\$7,110.00
313	SPEC	Wood Bollards	4	EACH	\$400.00	\$1,600.00	\$200.00	\$800.00
314	SPEC	Collapsible Wood Bollards	2	EACH	\$700.00	\$1,400.00	\$800.00	\$1,600.00
315	SPEC	Regulatory Sign	4	EACH	\$400.00	\$1,600.00	\$450.00	\$1,800.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	7. Cavanaugh Building Corp. PRICE	7. Cavanaugh Building Corp. AMOUNT
316	SPEC	Protective Railing (Trail)	200	L.F.	\$200.00	\$40,000.00	\$224.00	\$44,800.00
317	SPEC	Pre-manufactured Steel Pedestrian Bridge Structure	1	L.S.	\$160,000.00	\$160,000.00	\$144,400.00	\$144,400.00
TOTAL CONSTRUCTION COSTS						\$5,806,863.25		\$6,055,666.00
+/- ENGINEER'S ESTIMATE								+4.3%
<b>ALTERNATE #1</b>								
TOTAL CONSTRUCTION COSTS						\$450,000.00		\$460,258.00
+/- ENGINEER'S ESTIMATE								+2.3%

\* Ref. #6 change neither dated nor initialed, ODOT's 2008 ARRA LPA Template "has" or "has not" not circled

\*\* Ref #259 change initialed but not dated