

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Cavanaugh Building Corp.		*2. H.M. Miller Construction		3. The Great Lakes Const.		
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
1	103.05	AKRON	Contract Performance Bond	1	LS	\$28,600.00	\$28,600.00	\$40,000.00	\$40,000.00	\$42,000.00	\$42,000.00	\$50,000.00	\$50,000.00
2	201	AKRON	Clearing and Grubbing	1	LS	\$2,000.00	\$2,000.00	\$45,000.00	\$45,000.00	\$150,000.00	\$150,000.00	\$25,000.00	\$25,000.00
3	202	AKRON	Structures Removed	1	LS	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$6,000.00	\$6,000.00	\$20,000.00	\$20,000.00
4	202	AKRON	Gate Removed	3	Each	\$275.00	\$825.00	\$100.00	\$300.00	\$150.00	\$450.00	\$50.00	\$150.00
5	202	AKRON	Chain Link Fence Removed for Storage	408	LF	\$3.00	\$1,224.00	\$1.50	\$612.00	\$6.00	\$2,448.00	\$2.50	\$1,020.00
6	202	AKRON	Wood Fence Removed for Storage	280	LF	\$3.00	\$840.00	\$1.50	\$420.00	\$12.00	\$3,360.00	\$2.50	\$700.00
7	202	AKRON	Pipe Removed	81	LF	\$15.00	\$1,215.00	\$20.00	\$1,620.00	\$10.00	\$810.00	\$18.00	\$1,458.00
8	202	AKRON	Pavement Removed	215	SY	\$4.00	\$860.00	\$5.00	\$1,075.00	\$15.00	\$3,225.00	\$13.00	\$2,795.00
9	202	AKRON	Utility Pole Removed	4	Each	\$150.00	\$600.00	\$150.00	\$600.00	\$200.00	\$800.00	\$150.00	\$600.00
10	202	AKRON	Guardrail Removed	130	LF	\$13.00	\$1,690.00	\$1.50	\$195.00	\$5.00	\$650.00	\$11.00	\$1,430.00
11	202	AKRON	Structure Removed - Wooden steps, rail, deck, etc. East of Lock 11	1	LS	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00	\$1,900.00	\$1,900.00	\$5,000.00	\$5,000.00
12	202	AKRON	Structure Removed - 4-foot Wide Wooden Boardwalk, Rail and Substructure	1	LS	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$1,900.00	\$1,900.00	\$10,000.00	\$10,000.00
13	202	AKRON	Structure Removed - Wooden deck, rail, and substructure at Lock 10	1	LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$1,900.00	\$1,900.00	\$5,500.00	\$5,500.00
14	202	AKRON	Concrete Curb Removed and Disposed	237	LF	\$2.00	\$474.00	\$3.00	\$711.00	\$1.00	\$237.00	\$4.00	\$948.00
15	202	AKRON	Canal Debris Removal	425	CY	\$50.00	\$21,250.00	\$80.00	\$34,000.00	\$15.00	\$6,375.00	\$35.00	\$14,875.00
16	202	AKRON	Miscellaneous Signs and Posts Removed at Lock 14	1	LS	\$500.00	\$500.00	\$500.00	\$500.00	\$1.00	\$1.00	\$600.00	\$600.00
17	203	AKRON	Excavation Including Embankment	2726	CY	\$10.00	\$27,260.00	\$20.00	\$54,520.00	\$9.00	\$24,534.00	\$12.00	\$32,712.00
18	203	AKRON	Proof Rolling	6	Hour	\$200.00	\$1,200.00	\$300.00	\$1,800.00	\$175.00	\$1,050.00	\$175.00	\$1,050.00
19	203	AKRON	Subgrade Compaction	3590	SY	\$4.00	\$14,360.00	\$2.00	\$7,180.00	\$9.00	\$32,310.00	\$1.30	\$4,667.00
20	203	AKRON	Gravel Refill	40	CY	\$35.00	\$1,400.00	\$65.00	\$2,600.00	\$34.00	\$1,360.00	\$70.00	\$2,800.00
21	203	AKRON	Engineering Fabric for Riprap	113	SY	\$4.00	\$452.00	\$10.00	\$1,130.00	\$5.50	\$621.50	\$5.30	\$598.90
22	203	AKRON	Borrow	5443	CY	\$16.00	\$87,088.00	\$34.00	\$185,062.00	\$20.00	\$108,860.00	\$10.50	\$57,151.50
23	207	AKRON	Filter Fabric Fence	3000	LF	\$4.00	\$12,000.00	\$2.50	\$7,500.00	\$2.00	\$6,000.00	\$2.70	\$8,100.00
24	301	AKRON	Bituminous Aggregate Base, T=3 inches	134	CY	\$70.00	\$9,380.00	\$100.00	\$13,400.00	\$64.00	\$8,576.00	\$71.00	\$9,514.00
25	301	AKRON	Bituminous Aggregate Base, T=4 inches	203	CY	\$70.00	\$14,210.00	\$100.00	\$20,300.00	\$64.00	\$12,992.00	\$71.00	\$14,413.00
26	304	AKRON	Aggregate Base	592	CY	\$55.00	\$32,560.00	\$40.00	\$23,680.00	\$70.00	\$41,440.00	\$59.00	\$34,928.00
27	310	AKRON	6 inch subbase	62	SY	\$7.00	\$434.00	\$8.00	\$496.00	\$6.00	\$372.00	\$20.00	\$1,240.00
28	402	AKRON	Asphalt Concrete, T=2 inches	109	CY	\$85.00	\$9,265.00	\$80.00	\$8,720.00	\$76.00	\$8,284.00	\$85.00	\$9,265.00
29	402	AKRON	Asphalt Concrete, T=1.5 inches	67	CY	\$85.00	\$5,695.00	\$80.00	\$5,360.00	\$76.00	\$5,092.00	\$85.00	\$5,695.00
30	404	AKRON	Asphalt Concrete, T=1.5 inches	67	CY	\$85.00	\$5,695.00	\$80.00	\$5,360.00	\$76.00	\$5,092.00	\$85.00	\$5,695.00
31	407	AKRON	Tack Coat	6	Gallon	\$5.00	\$30.00	\$1.00	\$6.00	\$1.00	\$6.00	\$1.10	\$6.60
32	409	AKRON	Chip and Seal Cover Aggregate No. 8 (Limestone)	14	CY	\$200.00	\$2,800.00	\$160.00	\$2,240.00	\$160.00	\$2,240.00	\$178.00	\$2,492.00
33	409	AKRON	Chip and Seal Bituminous Material	917	Gallon	\$10.00	\$9,170.00	\$4.00	\$3,668.00	\$4.00	\$3,668.00	\$4.50	\$4,126.50
34	455	AKRON	Concrete Curb (6 in X 18 in)	603	LF	\$15.00	\$9,045.00	\$20.00	\$12,060.00	\$15.00	\$9,045.00	\$16.00	\$9,648.00
35	456	AKRON	Curb Ramp	5	Each	\$225.00	\$1,125.00	\$200.00	\$1,000.00	\$425.00	\$2,125.00	\$720.00	\$3,600.00

36	456	AKRON	Concrete Walk, 6" thick	1914 SF	\$3.00	\$5,742.00	\$4.00	\$7,656.00	\$4.50	\$8,613.00	\$10.50	\$20,097.00
37	456	AKRON	Concrete Steps	3 LF	\$100.00	\$300.00	\$150.00	\$450.00	\$500.00	\$1,500.00	\$790.00	\$2,370.00
38	460	AKRON	Brick Walk	1549 SF	\$11.00	\$17,039.00	\$8.00	\$12,392.00	\$9.50	\$14,715.50	\$21.00	\$32,529.00
				106 CY	\$150.00	\$15,900.00	\$150.00	\$15,900.00	\$50.00	\$5,300.00	\$42.00	\$4,452.00
39	503	AKRON	Unclassified Excavation, Including Rock and/or Shale									
40	503	AKRON	Unclassified Excavation	368 CY	\$100.00	\$36,800.00	\$100.00	\$36,800.00	\$15.00	\$5,520.00	\$62.00	\$22,816.00
41	507	AKRON	14-Inch Auger Cast Reinforced Concrete Piles	707 LF	\$25.00	\$17,675.00	\$110.00	\$77,770.00	\$55.00	\$38,885.00	\$122.00	\$86,254.00
42	509	AKRON	Epoxy Coated Reinforcing Steel	41975 LB	\$1.50	\$62,962.50	\$1.20	\$50,370.00	\$1.00	\$41,975.00	\$1.00	\$41,975.00
43	510	AKRON	Dowel Hole	133 Each	\$20.00	\$2,660.00	\$30.00	\$3,990.00	\$20.00	\$2,660.00	\$25.00	\$3,325.00
44	511	AKRON	Class C Concrete	794 CY	\$450.00	\$357,300.00	\$370.00	\$293,780.00	\$800.00	\$635,200.00	\$575.00	\$456,550.00
45	511	AKRON	Class S Concrete	25 CY	\$550.00	\$13,750.00	\$350.00	\$8,750.00	\$1,000.00	\$25,000.00	\$740.00	\$18,500.00
46	518	ODOT	Porous Backfill with Filter Fabric	229 CY	\$100.00	\$22,900.00	\$60.00	\$13,740.00	\$45.00	\$10,305.00	\$82.00	\$18,778.00
47	518	AKRON	6 inch Perforated Corrugated Plastic Pipe	344 LF	\$10.00	\$3,440.00	\$13.00	\$4,472.00	\$6.00	\$2,064.00	\$10.00	\$3,440.00
48	518	AKRON	8-Inch Perforated Corrugated Plastic Pipe	220 LF	\$15.00	\$3,300.00	\$16.00	\$3,520.00	\$6.00	\$1,320.00	\$10.00	\$2,200.00
49	518	AKRON	8-Inch Non-Perforated Corrugated Plastic Pipe	40 LF	\$15.00	\$600.00	\$16.00	\$640.00	\$6.00	\$240.00	\$10.00	\$400.00
50	518	AKRON	6 inch Non-Perforated Corrugated Plastic Pipe	68 LF	\$10.25	\$697.00	\$13.00	\$884.00	\$6.00	\$408.00	\$10.00	\$680.00
51	552	AKRON	12 inch Storm Sewer, 706.02, Class "B" Bedding	122 LF	\$50.00	\$6,100.00	\$48.25	\$5,886.50	\$40.00	\$4,880.00	\$64.00	\$7,808.00
52	552	AKRON	15 inch Storm Sewer, 706.02, Class "B" Bedding	170 LF	\$60.00	\$10,200.00	\$49.25	\$8,372.50	\$45.00	\$7,650.00	\$52.00	\$8,840.00
53	552	AKRON	18 inch Storm Sewer, 706.02, Class "B" Bedding	37 LF	\$70.00	\$2,590.00	\$56.50	\$2,090.50	\$60.00	\$2,220.00	\$75.00	\$2,775.00
54	552	AKRON	24 inch Storm Sewer, 706.02, Class "B" Bedding	136 LF	\$75.00	\$10,200.00	\$67.00	\$9,112.00	\$65.00	\$8,840.00	\$67.00	\$9,112.00
55	552	AKRON	30 inch Storm Sewer, 706.02, Class "B" Bedding	385 LF	\$120.00	\$46,200.00	\$90.00	\$34,650.00	\$75.00	\$28,875.00	\$81.00	\$31,185.00
56	562	AKRON	Manhole	2 Each	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00	\$4,000.00	\$8,000.00
57	562	AKRON	Brick Manhole Rebuilt	20 LF	\$200.00	\$4,000.00	\$250.00	\$5,000.00	\$250.00	\$5,000.00	\$500.00	\$10,000.00
58	562	AKRON	Sidewalk Manhole	3 Each	\$1,000.00	\$3,000.00	\$1,400.00	\$4,200.00	\$2,000.00	\$6,000.00	\$1,850.00	\$5,550.00
59	563	AKRON	Inlet Reconstructed	2 Each	\$2,100.00	\$4,200.00	\$1,500.00	\$3,000.00	\$1,600.00	\$3,200.00	\$1,270.00	\$2,540.00
60	564	AKRON	4 inch Pipe Underdrains	520 LF	\$5.60	\$2,912.00	\$8.00	\$4,160.00	\$6.00	\$3,120.00	\$11.00	\$5,720.00
61	601	AKRON	Rock Channel Protection, Type C	7 CY	\$80.00	\$560.00	\$75.00	\$525.00	\$115.00	\$805.00	\$200.00	\$1,400.00
62	601	AKRON	Dump Rock Fill, Type "A"	333 CY	\$100.00	\$33,300.00	\$75.00	\$24,975.00	\$85.00	\$28,305.00	\$70.00	\$23,310.00
63	601	AKRON	Dump Rock Fill Type "A", Grouted In-Place	226 CY	\$150.00	\$33,900.00	\$125.00	\$28,250.00	\$118.00	\$26,668.00	\$130.00	\$29,380.00
64	602	AKRON	Concrete Masonry	6 CY	\$695.00	\$4,170.00	\$350.00	\$2,100.00	\$600.00	\$3,600.00	\$1,290.00	\$7,740.00
				84 SY	\$10.00	\$840.00	\$6.00	\$504.00	\$10.00	\$840.00	\$6.00	\$504.00
65	603	AKRON	Limestone for driveway reconstruction, 6-inches thick									
66	604	ODOT	Catch Basin	11 Each	\$2,000.00	\$22,000.00	\$1,000.00	\$11,000.00	\$1,200.00	\$13,200.00	\$1,210.00	\$13,310.00
67	604	AKRON	Bank Run Gravel	49 CY	\$65.00	\$3,185.00	\$40.00	\$1,960.00	\$30.00	\$1,470.00	\$22.00	\$1,078.00
68	607	AKRON	Fence, Type CL, 2 inch Vinyl Coated	24 LF	\$25.00	\$600.00	\$20.00	\$480.00	\$50.00	\$1,200.00	\$55.00	\$1,320.00
			Engineering Geogrid for Roadway, Type Tensar BX-1200	2062 SY	\$5.00	\$10,310.00	\$7.00	\$14,434.00	\$5.00	\$10,310.00	\$7.10	\$14,640.20
69	609	AKRON	Enginnering Geogrid for Roadway, Type Tensar BX-1300	76 SY	\$7.00	\$532.00	\$7.00	\$532.00	\$5.00	\$380.00	\$5.90	\$448.40
70	609	AKRON	Maintaining Traffic	1 LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$172,000.00	\$172,000.00
72	617	AKRON	Low Strength Mortar Backfill	40 CY	\$100.00	\$4,000.00	\$100.00	\$4,000.00	\$65.00	\$2,600.00	\$50.00	\$2,000.00
73	619	AKRON	Field Office	1 LS	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$30,000.00	\$30,000.00
74	621	AKRON	Parking Lot Stall Marking	570 LF	\$1.00	\$570.00	\$0.20	\$114.00	\$5.00	\$2,850.00	\$1.70	\$969.00
75	621	AKRON	Handicap Symbol Marking	2 Each	\$1.00	\$2.00	\$300.00	\$600.00	\$95.00	\$190.00	\$260.00	\$520.00
76	621	AKRON	Removal of Pavement Marking	88 LF	\$1.00	\$88.00	\$2.00	\$176.00	\$4.00	\$352.00	\$1.10	\$96.80

77	621	AKRON	Crosswalk Lines	88 LF	\$2.00	\$176.00	\$3.00	\$264.00	\$5.00	\$440.00	\$4.50	\$396.00
78	623	AKRON	Construction Layout Stakes	1 LS	\$38,000.00	\$38,000.00	\$30,000.00	\$30,000.00	\$80,000.00	\$80,000.00	\$40,000.00	\$40,000.00
79	624	AKRON	Mobilization	1 LS	\$54,000.00	\$54,000.00	\$20,000.00	\$20,000.00	\$164,500.00	\$164,500.00	\$54,000.00	\$54,000.00
80	625	AKRON	Trench	1980 LF	\$4.50	\$8,910.00	\$21.00	\$41,580.00	\$21.00	\$41,580.00	\$23.00	\$45,540.00
81	625	AKRON	Trench in paved areas, Type A	400 LF	\$5.40	\$2,160.00	\$38.00	\$15,200.00	\$40.00	\$16,000.00	\$42.00	\$16,800.00
82	625	AKRON	Trench in paved areas, Type B	1120 LF	\$6.50	\$7,280.00	\$39.00	\$43,680.00	\$40.00	\$44,800.00	\$43.00	\$48,160.00
83	625	AKRON	Ground Rod	19 Each	\$125.00	\$2,375.00	\$95.00	\$1,805.00	\$95.00	\$1,805.00	\$106.00	\$2,014.00
84	625	AKRON	Conduit, 3/4" PVC Schedule 40	838 LF	\$5.00	\$4,190.00	\$1.36	\$1,139.68	\$1.50	\$1,257.00	\$1.50	\$1,257.00
85	625	AKRON	Pull Box	20 Each	\$300.00	\$6,000.00	\$600.00	\$12,000.00	\$600.00	\$12,000.00	\$660.00	\$13,200.00
86	625	AKRON	Conduit, 2" PVC Schedule 40	2300 LF	\$10.00	\$23,000.00	\$2.30	\$5,290.00	\$2.50	\$5,750.00	\$2.60	\$5,980.00
87	625	AKRON	Conduit, 2" PVC Schedule 80	1684 LF	\$12.00	\$20,208.00	\$2.90	\$4,883.60	\$3.00	\$5,052.00	\$3.20	\$5,388.80
88	625	AKRON	Conduit, 4" PVC Schedule 40	130 LF	\$28.00	\$3,640.00	\$4.17	\$542.10	\$4.00	\$520.00	\$4.60	\$598.00
89	625	AKRON	Conduit, 6" PVC Schedule 40	1500 LF	\$38.00	\$57,000.00	\$6.50	\$9,750.00	\$6.50	\$9,750.00	\$7.20	\$10,800.00
90	625	AKRON	Conduit, 3/4" Rigid Galvanized	145 LF	\$9.00	\$1,305.00	\$3.33	\$482.85	\$3.00	\$435.00	\$3.70	\$536.50
91	625	AKRON	Conduit, 2" Rigid Galvanized	325 LF	\$17.50	\$5,687.50	\$15.00	\$4,875.00	\$15.00	\$4,875.00	\$17.00	\$5,525.00
92	625	AKRON	Conduit, 4" Rigid Galvanized	30 LF	\$57.00	\$1,710.00	\$55.60	\$1,668.00	\$60.00	\$1,800.00	\$62.00	\$1,860.00
93	625	AKRON	Luminaire, COBRA Style (Beech Street)	4 Each	\$600.00	\$2,400.00	\$290.00	\$1,160.00	\$300.00	\$1,200.00	\$320.00	\$1,280.00
94	625	AKRON	Light Pole, Round Davit (Beech Street)	4 Each	\$1,650.00	\$6,600.00	\$2,300.00	\$9,200.00	\$2,300.00	\$9,200.00	\$2,550.00	\$10,200.00
95	625	AKRON	Light Pole Foundation	6 Each	\$500.00	\$3,000.00	\$650.00	\$3,900.00	\$700.00	\$4,200.00	\$720.00	\$4,320.00
96	625	AKRON	Control Center	1 LS	\$5,000.00	\$5,000.00	\$8,970.00	\$8,970.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
				345 LF	\$0.50	\$172.50	\$0.32	\$110.40	\$0.50	\$172.50	\$0.35	\$120.75
97	625	AKRON	No. 12 AWG, THWN-2, 600 Volt Branch Circuit Cable	825 LF	\$0.60	\$495.00	\$0.35	\$288.75	\$0.50	\$412.50	\$0.40	\$330.00
98	625	AKRON	No. 10 AWG, THWN-2, 600 Volt Branch Circuit Cable									
99	625	AKRON	No. 6 AWG, THWN-2, 600-Volt Feeder Cable	880 LF	\$1.00	\$880.00	\$1.45	\$1,276.00	\$1.50	\$1,320.00	\$1.60	\$1,408.00
100	625	AKRON	No. 4 AWG, THWN-2, 600-Volt Service Conductor	350 LF	\$1.50	\$525.00	\$1.80	\$630.00	\$2.00	\$700.00	\$2.00	\$700.00
101	625	AKRON	No. 4 AWG, Type XLP/USE 600-volt Copper Cable	1100 LF	\$1.60	\$1,760.00	\$1.85	\$2,035.00	\$2.00	\$2,200.00	\$2.10	\$2,310.00
				500 LF	\$8.00	\$4,000.00	\$5.16	\$2,580.00	\$5.00	\$2,500.00	\$5.70	\$2,850.00
102	625	AKRON	500 MCM AWG, THWN02, 600 Volt Service Conductor									
103	630	AKRON	Ground-Mounted Supports, No. 3 Post	20 LF	\$10.00	\$200.00	\$5.00	\$100.00	\$8.00	\$160.00	\$11.10	\$222.00
104	630	AKRON	Signs, Flat Sheet	135 SF	\$25.00	\$3,375.00	\$25.00	\$3,375.00	\$18.00	\$2,430.00	\$22.00	\$2,970.00
105	630	AKRON	Removal of Groundmounted Sign & Storage	2 Each	\$10.00	\$20.00	\$10.00	\$20.00	\$35.00	\$70.00	\$33.00	\$66.00
106	630	AKRON	Sign Support Assembly, Pole	3 Each	\$10.00	\$30.00	\$35.00	\$105.00	\$95.00	\$285.00	\$56.00	\$168.00
107	632	AKRON	Wood Pole, 30-Foot	2 Each	\$1,000.00	\$2,000.00	\$830.00	\$1,660.00	\$830.00	\$1,660.00	\$920.00	\$1,840.00
108	632	AKRON	Conduit Riser, 2-Inch Diameter	1 Each	\$300.00	\$300.00	\$250.00	\$250.00	\$250.00	\$250.00	\$280.00	\$280.00
109	632	AKRON	Pull Boxes, Concrete, 18-inch	2 Each	\$700.00	\$1,400.00	\$425.00	\$850.00	\$425.00	\$850.00	\$470.00	\$940.00
110	632	AKRON	Signal Support TC81.20, Design II	1 Each	\$4,500.00	\$4,500.00	\$8,205.00	\$8,205.00	\$8,200.00	\$8,200.00	\$9,100.00	\$9,100.00
111	632	AKRON	Foundation, Signal Support, 10-Feet Deep	1 Each	\$700.00	\$700.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,330.00	\$1,330.00
112	632	AKRON	Trenching	100 LF	\$6.50	\$650.00	\$6.00	\$600.00	\$6.00	\$600.00	\$6.70	\$670.00
113	632	AKRON	Power Service	1 LS	\$1,000.00	\$1,000.00	\$975.00	\$975.00	\$1,000.00	\$1,000.00	\$1,080.00	\$1,080.00
				2 Each	\$500.00	\$1,000.00	\$660.00	\$1,320.00	\$660.00	\$1,320.00	\$730.00	\$1,460.00
114	632	AKRON	Vehicular Signal Head, 1 Section, Flasher, 12" Lens, 1-Way									
				1 Each	\$1,000.00	\$1,000.00	\$910.00	\$910.00	\$900.00	\$900.00	\$1,010.00	\$1,010.00
115	632	AKRON	Vehicular Signal Head, 1 Section, Flasher, 12" Lens, 2-Way									

116	632	AKRON	Signal Cable, 4C Conductor, No. 14 AWG	45 LF	\$2.00	\$90.00	\$1.25	\$56.25	\$2.00	\$90.00	\$1.40	\$63.00
117	633	AKRON	Flasher Controller	1 Each	\$1,000.00	\$1,000.00	\$755.00	\$755.00	\$800.00	\$800.00	\$840.00	\$840.00
118	653	AKRON	Topsoil Furnished and Placed, 4" thick	7825 SY	\$8.00	\$62,600.00	\$6.00	\$46,950.00	\$3.00	\$23,475.00	\$3.50	\$27,387.50
119	659	AKRON	Overseed Wall	1 LS	\$6,822.00	\$6,822.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$470.00	\$470.00
120	661	AKRON	Campsis Radicans	553 Each	\$20.00	\$11,060.00	\$3.50	\$1,935.50	\$12.00	\$6,636.00	\$6.70	\$3,705.10
121	661	AKRON	Celastres Scandens	553 Each	\$20.00	\$11,060.00	\$3.50	\$1,935.50	\$12.00	\$6,636.00	\$6.70	\$3,705.10
122	661	AKRON	Parthenocissus Quincifolia	553 Each	\$20.00	\$11,060.00	\$3.50	\$1,935.50	\$10.00	\$5,530.00	\$6.70	\$3,705.10
123	661	AKRON	Vitis Species	300 Each	\$20.00	\$6,000.00	\$4.50	\$1,350.00	\$20.00	\$6,000.00	\$6.70	\$2,010.00
124	662	AKRON	Aronia Arbutifolia Brilliantissima	18 Each	\$51.00	\$918.00	\$33.62	\$605.16	\$37.00	\$666.00	\$40.00	\$720.00
125	662	AKRON	Cornus Sericea	31 Each	\$60.75	\$1,883.25	\$32.30	\$1,001.30	\$25.00	\$775.00	\$40.00	\$1,240.00
126	662	AKRON	Diervilla Lonicera	183 Each	\$42.00	\$7,686.00	\$36.00	\$6,588.00	\$36.00	\$6,588.00	\$40.00	\$7,320.00
127	662	AKRON	Panicum Virgatum	9 Each	\$20.25	\$182.25	\$16.72	\$150.48	\$18.00	\$162.00	\$20.00	\$180.00
128	662	AKRON	Rhus Aromatic "Gro Low"	143 Each	\$53.25	\$7,614.75	\$35.37	\$5,057.91	\$29.00	\$4,147.00	\$40.00	\$5,720.00
129	662	AKRON	Ceanothus Americanus	98 Each	\$52.50	\$5,145.00	\$34.76	\$3,406.48	\$33.00	\$3,234.00	\$40.00	\$3,920.00
130	662	AKRON	Geranium X "Johnson Blue"	31 Each	\$16.00	\$496.00	\$14.00	\$434.00	\$13.00	\$403.00	\$13.40	\$415.40
131	662	AKRON	Phlox Carolina "Bill Baker"	23 Each	\$17.50	\$402.50	\$14.00	\$322.00	\$14.00	\$322.00	\$13.40	\$308.20
132	662	AKRON	Phlox Subulata "Emerald Blue"	34 Each	\$11.25	\$382.50	\$14.00	\$476.00	\$14.00	\$476.00	\$13.40	\$455.60
133	662	AKRON	Schizachyrium Scoparium "Little Blue Stem"	15 Each	\$20.25	\$303.75	\$14.00	\$210.00	\$16.00	\$240.00	\$13.40	\$201.00
134	663	AKRON	Tree Planting with Grate	9 Each	\$1,650.00	\$14,850.00	\$900.00	\$8,100.00	\$825.00	\$7,425.00	\$440.00	\$3,960.00
135	663	AKRON	Amelanchier Canadensis	8 Each	\$324.00	\$2,592.00	\$260.00	\$2,080.00	\$340.00	\$2,720.00	\$270.00	\$2,160.00
136	663	AKRON	Platanus Occidentalis	16 Each	\$474.00	\$7,584.00	\$330.00	\$5,280.00	\$325.00	\$5,200.00	\$380.00	\$6,080.00
137	668	AKRON	Seeding and Excelsior Matting	440 SY	\$4.00	\$1,760.00	\$3.00	\$1,320.00	\$2.50	\$1,100.00	\$2.50	\$1,100.00
138	671	ODOT	Erosion Control Mat, Type C	4000 SY	\$1.85	\$7,400.00	\$3.00	\$12,000.00	\$2.25	\$9,000.00	\$1.40	\$5,600.00
139	Special		Construction Fence	400 LF	\$5.00	\$2,000.00	\$4.00	\$1,600.00	\$5.50	\$2,200.00	\$7.80	\$3,120.00
140	Special	No. 1	High Friction Surface Treatment	93 SY	\$45.00	\$4,185.00	\$74.00	\$6,882.00	\$22.00	\$2,046.00	\$82.00	\$7,626.00
141	Special	No. 2	Modular Retaining Wall	390 SF	\$40.00	\$15,600.00	\$30.00	\$11,700.00	\$28.00	\$10,920.00	\$27.00	\$10,530.00
142	Special	No. 3	Pre-Engineered Bridge, Type I (Steel)	1 Each	\$96,000.00	\$96,000.00	\$50,000.00	\$50,000.00	\$47,000.00	\$47,000.00	\$45,000.00	\$45,000.00
143	Special	No. 3	Pre-Engineered Bridge, Type 2 (Steel)	1 Each	\$114,000.00	\$114,000.00	\$50,000.00	\$50,000.00	\$48,000.00	\$48,000.00	\$46,000.00	\$46,000.00
144	Special	No. 5	Computer Equipment	1 LS	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
145	Special	No. 6	Bike Rack	1 Each	\$960.00	\$960.00	\$800.00	\$800.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00
146	Special	No. 6	Trash Receptacle	1 Each	\$1,125.00	\$1,125.00	\$500.00	\$500.00	\$965.00	\$965.00	\$1,500.00	\$1,500.00
147	Special	No. 6	Type "A" Light Pole with 2 Lunimaires	2 Each	\$2,000.00	\$4,000.00	\$1,960.00	\$3,920.00	\$1,960.00	\$3,920.00	\$2,180.00	\$4,360.00
148	Special	No. 6	Wood and Stone Bench	3 Each	\$1,400.00	\$4,200.00	\$500.00	\$1,500.00	\$2,000.00	\$6,000.00	\$1,200.00	\$3,600.00
149	Special	No. 6	Precast Wheel Stops	17 Each	\$200.00	\$3,400.00	\$32.00	\$544.00	\$125.00	\$2,125.00	\$140.00	\$2,380.00
150	Special	No. 7	Trail Directional Sign	28 Each	\$185.00	\$5,180.00	\$160.00	\$4,480.00	\$210.00	\$5,880.00	\$330.00	\$9,240.00
151	Special	No. 7	Trailhead Entry Sign	1 Each	\$3,000.00	\$3,000.00	\$3,300.00	\$3,300.00	\$8,000.00	\$8,000.00	\$3,340.00	\$3,340.00
152	Special	No. 7	Handicap Parking Signs	2 Each	\$200.00	\$400.00	\$105.00	\$210.00	\$90.00	\$180.00	\$97.00	\$194.00
153	Special	No. 7	Sign Posts	16 Each	\$200.00	\$3,200.00	\$35.00	\$560.00	\$15.00	\$240.00	\$119.00	\$1,904.00
154	Special	No. 7	Type III Baricade including Trail Expansion and Stop Sign	1 Each	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$250.00	\$250.00	\$550.00	\$550.00
155	Special	No. 7	Regulatory Sign	9 Each	\$100.00	\$900.00	\$20.00	\$180.00	\$50.00	\$450.00	\$220.00	\$1,980.00
156	Special	No. 8	Wood Bollards	17 Each	\$230.00	\$3,910.00	\$107.00	\$1,819.00	\$150.00	\$2,550.00	\$119.00	\$2,023.00
157	Special	No. 8	Collapsible Wood Bollard	3 Each	\$450.00	\$1,350.00	\$825.00	\$2,475.00	\$700.00	\$2,100.00	\$650.00	\$1,950.00
158	Special	No. 9	Timber Railing	1775 LF	\$38.00	\$67,450.00	\$32.00	\$56,800.00	\$28.00	\$49,700.00	\$29.00	\$51,475.00
159	Special	No. 9	Kiosk	1 Each	\$7,200.00	\$7,200.00	\$2,000.00	\$2,000.00	\$8,000.00	\$8,000.00	\$6,100.00	\$6,100.00

160	Special	No. 9	Landscaping Fence	210 LF	\$85.00	\$17,850.00	\$37.00	\$7,770.00	\$28.00	\$5,880.00	\$29.00	\$6,090.00
161	Special	No. 10	Overhead Protection Structure, (Type 1)	1 Each	\$30,600.00	\$30,600.00	\$32,000.00	\$32,000.00	\$80,000.00	\$80,000.00	\$30,000.00	\$30,000.00
162	Special	No. 10	Overhead Protection Structure, (Type 2)	1 Each	\$59,400.00	\$59,400.00	\$42,000.00	\$42,000.00	\$80,000.00	\$80,000.00	\$44,000.00	\$44,000.00
163	Special	No. 11	Trailside and Lawn Seeding and Mulching	3678 SY	\$1.50	\$5,517.00	\$0.95	\$3,494.10	\$1.50	\$5,517.00	\$0.70	\$2,574.60
164	Special	No. 11	Woodlands and Non-Lawn Seeding and Mulching	2783 SY	\$1.50	\$4,174.50	\$1.10	\$3,061.30	\$1.00	\$2,783.00	\$0.80	\$2,226.40
165	Special	No. 12	Repair Surface Cracks	20 SF	\$100.00	\$2,000.00	\$50.00	\$1,000.00	\$200.00	\$4,000.00	\$110.00	\$2,200.00
166	Special	No. 12	Repair Surface Spalling	40 SF	\$100.00	\$4,000.00	\$120.00	\$4,800.00	\$200.00	\$8,000.00	\$110.00	\$4,400.00
			Repair Concrete Spalling/Delineation at Control Joints & Expansion Joints	20 SF	\$100.00	\$2,000.00	\$150.00	\$3,000.00	\$350.00	\$7,000.00	\$110.00	\$2,200.00
167	Special	No. 12	Repair Sealant at Control Joints	15 LF	\$75.00	\$1,125.00	\$20.00	\$300.00	\$200.00	\$3,000.00	\$110.00	\$1,650.00
168	Special	No. 12	Repair Sealant at Expansion Joints	15 LF	\$75.00	\$1,125.00	\$20.00	\$300.00	\$50.00	\$750.00	\$110.00	\$1,650.00
170	Special	No. 13	Sealing of Concrete Surfaces	366 SY	\$20.00	\$7,320.00	\$8.00	\$2,928.00	\$4.00	\$1,464.00	\$22.00	\$8,052.00
171	Special	No. 15	Rule 13 Area Samples and Analysis	1 Allowance	\$246,025.00	\$246,025.00	\$246,025.00	\$246,025.00	\$246,025.00	\$246,025.00	\$246,000.00	\$246,000.00
172	Special	No. 16	Installation of Cap - Rule 13 Area	1 Allowance	\$38,260.00	\$38,260.00	\$38,260.00	\$38,260.00	\$38,260.00	\$38,260.00	\$38,000.00	\$38,000.00
173	Special	No. 17	Cellular Confinement System with Concrete Infill	95 SY	\$350.00	\$33,250.00	\$800.00	\$76,000.00	\$365.00	\$34,675.00	\$360.00	\$34,200.00
174	Special	No. 17	Cellular Confinement System	663 SY	\$250.00	\$165,750.00	\$250.00	\$165,750.00	\$239.00	\$158,457.00	\$360.00	\$238,680.00
175	Special	No. 18	Interpretive Exhibit	6 Each	\$10,000.00	\$60,000.00	\$1,100.00	\$6,600.00	\$875.00	\$5,250.00	\$5,500.00	\$33,000.00
176	Special	No. 20	Reinforced Concrete Wall - Rule 13 Area	1 LS	\$218,736.50	\$218,736.50	\$272,419.64	\$272,419.64	\$20,000.00	\$20,000.00	\$250,000.00	\$250,000.00
177	Special	No. 21	14-inch Auger Cast Pile Test	90 LF	\$15.00	\$1,350.00	\$165.00	\$14,850.00	\$55.00	\$4,950.00	\$60.00	\$5,400.00

ALTERNATE #1

Alt. 1 Special No. 4 Pre-Engineered Bridge, Type 1 (FRP) 1 Each \$61,500 \$61,500.00 \$70,000.00 \$70,000.00 \$63,775.00 \$63,775.00 \$75,000.00 \$75,000.00

ALTERNATE #2

Alt. 2 Special No. 4 Pre-Engineered Bridge, Type 2 (FRP) 1 Each \$70,500 \$70,500.00 \$80,000.00 \$80,000.00 \$68,325.00 \$68,325.00 \$85,000.00 \$85,000.00

ALTERNATE #3

Alt. 3 Special No. 19 Steel Sheet Piling Wall 1 Each \$126,000 \$126,000.00 \$240,000.00 \$240,000.00 \$10,000.00 \$10,000.00 \$325,000.00 \$325,000.00

TOTAL CONSTRUCTION COSTS \$2,812,355.50 \$2,726,508.00 \$2,914,340.00 \$2,998,561.95

+/- ENGINEER'S ESTIMATE -3.1% +3.6% +6.6%

ALTERNATE #1

TOTAL CONSTRUCTION COSTS \$61,500.00 \$70,000.00 \$63,775.00 \$75,000.00

+/- ENGINEER'S ESTIMATE +13.8% +3.6% +6.6%

ALTERNATE #2

TOTAL CONSTRUCTION COSTS \$70,500.00 \$80,000.00 \$68,325.00 \$85,000.00

+/- ENGINEER'S ESTIMATE +13.5% +3.7% +22.0%

ALTERNATE #3

TOTAL CONSTRUCTION COSTS \$126,000.00 \$240,000.00 \$10,000.00 \$325,000.00

+/- ENGINEER'S ESTIMATE +90.5% -3.1% +20.6%

* Ref. #'s 67, 116, 156, and 164 - corrections neither initialed nor dated

BID TAB FOR: Cascade Locks Bikeway - Phase I

FILE NO. C-01

BID DATE: May 11, 2005

CODE: 41268-GO0069

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. Kenmore Construction PRICE	4. Kenmore Construction AMOUNT	5. Precision Engineering & Contracting PRICE	5. Precision Engineering & Contracting AMOUNT
1	103.05	AKRON Contract Performance Bond	1	LS	\$28,600.00	\$28,600.00	\$30,000.00	\$30,000.00	\$33,600.00	\$33,660.00
2	201	AKRON Clearing and Grubbing	1	LS	\$2,000.00	\$2,000.00	\$25,000.00	\$25,000.00	\$15,624.00	\$15,624.00
3	202	AKRON Structures Removed	1	LS	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$5,385.60	\$5,385.60
4	202	AKRON Gate Removed	3	Each	\$275.00	\$825.00	\$95.00	\$285.00	\$55.20	\$165.60
5	202	AKRON Chain Link Fence Removed for Storage	408	LF	\$3.00	\$1,224.00	\$2.00	\$816.00	\$2.74	\$1,117.92
6	202	AKRON Wood Fence Removed for Storage	280	LF	\$3.00	\$840.00	\$2.75	\$770.00	\$2.74	\$767.20
7	202	AKRON Pipe Removed	81	LF	\$15.00	\$1,215.00	\$7.00	\$567.00	\$14.40	\$1,166.40
8	202	AKRON Pavement Removed	215	SY	\$4.00	\$860.00	\$10.00	\$2,150.00	\$8.28	\$1,780.20
9	202	AKRON Utility Pole Removed	4	Each	\$150.00	\$600.00	\$200.00	\$800.00	\$600.00	\$2,400.00
10	202	AKRON Guardrail Removed	130	LF	\$13.00	\$1,690.00	\$3.00	\$390.00	\$2.74	\$356.20
		Structure Removed - Wooden steps, rail, deck, etc.	1	LS	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$4,608.00	\$4,608.00
11	202	AKRON East of Lock 11								

12	202	AKRON	Structure Removed - 4-foot Wide Wooden Boardwalk, Rail and Substructure	1 LS	\$3,000.00	\$3,000.00	\$2,200.00	\$2,200.00	\$4,608.00	\$4,608.00
13	202	AKRON	Structure Removed - Wooden deck, rail, and substructure at Lock 10	1 LS	\$5,000.00	\$5,000.00	\$2,200.00	\$2,200.00	\$4,608.00	\$4,608.00
14	202	AKRON	Concrete Curb Removed and Disposed	237 LF	\$2.00	\$474.00	\$2.50	\$592.50	\$3.42	\$810.54
15	202	AKRON	Canal Debris Removal	425 CY	\$50.00	\$21,250.00	\$40.00	\$17,000.00	\$90.00	\$38,250.00
16	202	AKRON	Miscellaneous Signs and Posts Removed at Lock 14	1 LS	\$500.00	\$500.00	\$600.00	\$600.00	\$240.00	\$240.00
17	203	AKRON	Excavation Including Embankment	2726 CY	\$10.00	\$27,260.00	\$24.00	\$65,424.00	\$11.66	\$31,785.16
18	203	AKRON	Proof Rolling	6 Hour	\$200.00	\$1,200.00	\$200.00	\$1,200.00	\$84.00	\$504.00
19	203	AKRON	Subgrade Compaction	3590 SY	\$4.00	\$14,360.00	\$2.00	\$7,180.00	\$2.40	\$8,616.00
20	203	AKRON	Gravel Refill	40 CY	\$35.00	\$1,400.00	\$50.00	\$2,000.00	\$59.88	\$2,395.20
21	203	AKRON	Engineering Fabric for Riprap	113 SY	\$4.00	\$452.00	\$5.00	\$565.00	\$3.24	\$366.12
22	203	AKRON	Borrow	5443 CY	\$16.00	\$87,088.00	\$25.00	\$136,075.00	\$19.20	\$104,505.60
23	207	AKRON	Filter Fabric Fence	3000 LF	\$4.00	\$12,000.00	\$2.50	\$7,500.00	\$2.70	\$8,100.00
24	301	AKRON	Bituminous Aggregate Base, T=3 inches	134 CY	\$70.00	\$9,380.00	\$100.00	\$13,400.00	\$76.80	\$10,291.20
25	301	AKRON	Bituminous Aggregate Base, T=4 inches	203 CY	\$70.00	\$14,210.00	\$125.00	\$25,375.00	\$76.80	\$15,590.40
26	304	AKRON	Aggregate Base	592 CY	\$55.00	\$32,560.00	\$50.00	\$29,600.00	\$50.40	\$29,836.80
27	310	AKRON	6 inch subbase	62 SY	\$7.00	\$434.00	\$10.00	\$620.00	\$60.00	\$3,720.00
28	402	AKRON	Asphalt Concrete, T=2 inches	109 CY	\$85.00	\$9,265.00	\$200.00	\$21,800.00	\$91.20	\$9,940.80
29	402	AKRON	Asphalt Concrete, T=1.5 inches	67 CY	\$85.00	\$5,695.00	\$200.00	\$13,400.00	\$91.20	\$6,110.40
30	404	AKRON	Asphalt Concrete, T=1.5 inches	67 CY	\$85.00	\$5,695.00	\$200.00	\$13,400.00	\$91.20	\$6,110.40
31	407	AKRON	Tack Coat	6 Gallon	\$5.00	\$30.00	\$10.00	\$60.00	\$1.20	\$7.20
32	409	AKRON	Chip and Seal Cover Aggregate No. 8 (Limestone)	14 CY	\$200.00	\$2,800.00	\$500.00	\$7,000.00	\$192.00	\$2,688.00
33	409	AKRON	Chip and Seal Bituminous Material	917 Gallon	\$10.00	\$9,170.00	\$5.00	\$4,585.00	\$4.80	\$4,401.60
34	455	AKRON	Concrete Curb (6 in X 18 in)	603 LF	\$15.00	\$9,045.00	\$25.00	\$15,075.00	\$19.44	\$11,722.32
35	456	AKRON	Curb Ramp	5 Each	\$225.00	\$1,125.00	\$1,300.00	\$6,500.00	\$1,212.00	\$6,060.00

36	456	AKRON	Concrete Walk, 6" thick	1914 SF	\$3.00	\$5,742.00	\$5.00	\$9,570.00	\$9.83	\$18,814.62
37	456	AKRON	Concrete Steps	3 LF	\$100.00	\$300.00	\$500.00	\$1,500.00	\$1,032.35	\$3,097.05
38	460	AKRON	Brick Walk	1549 SF	\$11.00	\$17,039.00	\$12.00	\$18,588.00	\$21.54	\$33,365.46
				106 CY	\$150.00	\$15,900.00	\$100.00	\$10,600.00	\$51.18	\$5,425.08
39	503	AKRON	Unclassified Excavation, Including Rock and/or Shale							
40	503	AKRON	Unclassified Excavation	368 CY	\$100.00	\$36,800.00	\$45.00	\$16,560.00	\$51.18	\$18,834.24
41	507	AKRON	14-Inch Auger Cast Reinforced Concrete Piles	707 LF	\$25.00	\$17,675.00	\$120.00	\$84,840.00	\$134.40	\$95,020.80
42	509	AKRON	Epoxy Coated Reinforcing Steel	41975 LB	\$1.50	\$62,962.50	\$1.50	\$62,962.50	\$1.50	\$62,962.50
43	510	AKRON	Dowel Hole	133 Each	\$20.00	\$2,660.00	\$12.00	\$1,596.00	\$12.00	\$1,596.00
44	511	AKRON	Class C Concrete	794 CY	\$450.00	\$357,300.00	\$750.00	\$595,500.00	\$489.12	\$388,361.28
45	511	AKRON	Class S Concrete	25 CY	\$550.00	\$13,750.00	\$650.00	\$16,250.00	\$478.14	\$11,953.50
46	518	ODOT	Porous Backfill with Filter Fabric	229 CY	\$100.00	\$22,900.00	\$52.00	\$11,908.00	\$58.44	\$13,382.76
47	518	AKRON	6 inch Perforated Corrugated Plastic Pipe	344 LF	\$10.00	\$3,440.00	\$12.00	\$4,128.00	\$31.26	\$10,753.44
48	518	AKRON	8-Inch Perforated Corrugated Plastic Pipe	220 LF	\$15.00	\$3,300.00	\$11.00	\$2,420.00	\$27.05	\$5,951.00
49	518	AKRON	8-Inch Non-Perforated Corrugated Plastic Pipe	40 LF	\$15.00	\$600.00	\$12.00	\$480.00	\$32.58	\$1,303.20
50	518	AKRON	6 inch Non-Perforated Corrugated Plastic Pipe	68 LF	\$10.25	\$697.00	\$11.00	\$748.00	\$24.26	\$1,649.68
51	552	AKRON	12 inch Storm Sewer, 706.02, Class "B" Bedding	122 LF	\$50.00	\$6,100.00	\$60.00	\$7,320.00	\$35.66	\$4,350.52
52	552	AKRON	15 inch Storm Sewer, 706.02, Class "B" Bedding	170 LF	\$60.00	\$10,200.00	\$50.00	\$8,500.00	\$39.78	\$6,762.60
53	552	AKRON	18 inch Storm Sewer, 706.02, Class "B" Bedding	37 LF	\$70.00	\$2,590.00	\$80.00	\$2,960.00	\$56.10	\$2,075.70
54	552	AKRON	24 inch Storm Sewer, 706.02, Class "B" Bedding	136 LF	\$75.00	\$10,200.00	\$90.00	\$12,240.00	\$59.22	\$8,053.92
55	552	AKRON	30 inch Storm Sewer, 706.02, Class "B" Bedding	385 LF	\$120.00	\$46,200.00	\$100.00	\$38,500.00	\$74.48	\$28,674.80
56	562	AKRON	Manhole	2 Each	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	\$3,300.00	\$6,600.00
57	562	AKRON	Brick Manhole Rebuilt	20 LF	\$200.00	\$4,000.00	\$500.00	\$10,000.00	\$210.00	\$4,200.00
58	562	AKRON	Sidewalk Manhole	3 Each	\$1,000.00	\$3,000.00	\$1,200.00	\$3,600.00	\$1,200.00	\$3,600.00
59	563	AKRON	Inlet Reconstructed	2 Each	\$2,100.00	\$4,200.00	\$1,800.00	\$3,600.00	\$780.00	\$1,560.00
60	564	AKRON	4 inch Pipe Underdrains	520 LF	\$5.60	\$2,912.00	\$6.00	\$3,120.00	\$8.40	\$4,368.00
61	601	AKRON	Rock Channel Protection, Type C	7 CY	\$80.00	\$560.00	\$100.00	\$700.00	\$120.00	\$840.00
62	601	AKRON	Dump Rock Fill, Type "A"	333 CY	\$100.00	\$33,300.00	\$60.00	\$19,980.00	\$84.00	\$27,972.00
63	601	AKRON	Dump Rock Fill Type "A", Grouted In-Place	226 CY	\$150.00	\$33,900.00	\$100.00	\$22,600.00	\$132.00	\$29,832.00
64	602	AKRON	Concrete Masonry	6 CY	\$695.00	\$4,170.00	\$675.00	\$4,050.00	\$780.00	\$4,680.00
				84 SY	\$10.00	\$840.00	\$18.00	\$1,512.00	\$8.58	\$720.72
65	603	AKRON	Limestone for driveway reconstruction, 6-inches thick							
66	604	ODOT	Catch Basin	11 Each	\$2,000.00	\$22,000.00	\$2,000.00	\$22,000.00	\$1,320.00	\$14,520.00
67	604	AKRON	Bank Run Gravel	49 CY	\$65.00	\$3,185.00	\$30.00	\$1,470.00	\$48.00	\$2,352.00
68	607	AKRON	Fence, Type CL, 2 inch Vinyl Coated	24 LF	\$25.00	\$600.00	\$75.00	\$1,800.00	\$59.66	\$1,431.84
			Engineering Geogrid for Roadway, Type Tensar BX-1200	2062 SY	\$5.00	\$10,310.00	\$5.00	\$10,310.00	\$6.00	\$12,372.00
69	609	AKRON	Enginnering Geogrid for Roadway, Type Tensar BX-1300	76 SY	\$7.00	\$532.00	\$4.50	\$342.00	\$15.00	\$1,140.00
70	609	AKRON	Maintaining Traffic	1 LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$18,000.00	\$18,000.00
72	617	AKRON	Low Strength Mortar Backfill	40 CY	\$100.00	\$4,000.00	\$90.00	\$3,600.00	\$96.00	\$3,840.00
73	619	AKRON	Field Office	1 LS	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$14,400.00	\$14,400.00
74	621	AKRON	Parking Lot Stall Marking	570 LF	\$1.00	\$570.00	\$5.00	\$2,850.00	\$6.00	\$3,420.00
75	621	AKRON	Handicap Symbol Marking	2 Each	\$1.00	\$2.00	\$100.00	\$200.00	\$114.00	\$228.00
76	621	AKRON	Removal of Pavement Marking	88 LF	\$1.00	\$88.00	\$4.00	\$352.00	\$4.80	\$422.40

77	621	AKRON	Crosswalk Lines	88 LF	\$2.00	\$176.00	\$5.00	\$440.00	\$6.00	\$528.00
78	623	AKRON	Construction Layout Stakes	1 LS	\$38,000.00	\$38,000.00	\$35,000.00	\$35,000.00	\$34,444.80	\$34,444.80
79	624	AKRON	Mobilization	1 LS	\$54,000.00	\$54,000.00	\$30,000.00	\$30,000.00	\$412,483.68	\$412,483.68
80	625	AKRON	Trench	1980 LF	\$4.50	\$8,910.00	\$5.00	\$9,900.00	\$6.36	\$12,592.80
81	625	AKRON	Trench in paved areas, Type A	400 LF	\$5.40	\$2,160.00	\$40.00	\$16,000.00	\$13.01	\$5,204.00
82	625	AKRON	Trench in paved areas, Type B	1120 LF	\$6.50	\$7,280.00	\$40.00	\$44,800.00	\$44.20	\$49,504.00
83	625	AKRON	Ground Rod	19 Each	\$125.00	\$2,375.00	\$125.00	\$2,375.00	\$161.44	\$3,067.36
84	625	AKRON	Conduit, 3/4" PVC Schedule 40	838 LF	\$5.00	\$4,190.00	\$2.00	\$1,676.00	\$5.50	\$4,609.00
85	625	AKRON	Pull Box	20 Each	\$300.00	\$6,000.00	\$550.00	\$11,000.00	\$530.40	\$10,608.00
86	625	AKRON	Conduit, 2" PVC Schedule 40	2300 LF	\$10.00	\$23,000.00	\$4.00	\$9,200.00	\$6.58	\$15,134.00
87	625	AKRON	Conduit, 2" PVC Schedule 80	1684 LF	\$12.00	\$20,208.00	\$3.50	\$5,894.00	\$6.95	\$11,703.80
88	625	AKRON	Conduit, 4" PVC Schedule 40	130 LF	\$28.00	\$3,640.00	\$2.00	\$260.00	\$9.71	\$1,262.30
89	625	AKRON	Conduit, 6" PVC Schedule 40	1500 LF	\$38.00	\$57,000.00	\$10.00	\$15,000.00	\$13.82	\$20,730.00
90	625	AKRON	Conduit, 3/4" Rigid Galvanized	145 LF	\$9.00	\$1,305.00	\$4.00	\$580.00	\$8.60	\$1,247.00
91	625	AKRON	Conduit, 2" Rigid Galvanized	325 LF	\$17.50	\$5,687.50	\$10.00	\$3,250.00	\$16.27	\$5,287.75
92	625	AKRON	Conduit, 4" Rigid Galvanized	30 LF	\$57.00	\$1,710.00	\$30.00	\$900.00	\$43.44	\$1,303.20
93	625	AKRON	Luminaire, COBRA Style (Beech Street)	4 Each	\$600.00	\$2,400.00	\$350.00	\$1,400.00	\$447.60	\$1,790.40
94	625	AKRON	Light Pole, Round Davit (Beech Street)	4 Each	\$1,650.00	\$6,600.00	\$2,500.00	\$10,000.00	\$3,148.80	\$12,595.20
95	625	AKRON	Light Pole Foundation	6 Each	\$500.00	\$3,000.00	\$1,500.00	\$9,000.00	\$1,492.80	\$8,956.80
96	625	AKRON	Control Center	1 LS	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$3,253.20	\$3,253.20
97	625	AKRON	No. 12 AWG, THWN-2, 600 Volt Branch Circuit Cable	345 LF	\$0.50	\$172.50	\$1.00	\$345.00	\$0.55	\$189.75
98	625	AKRON	No. 10 AWG, THWN-2, 600 Volt Branch Circuit Cable	825 LF	\$0.60	\$495.00	\$1.00	\$825.00	\$0.71	\$585.75
99	625	AKRON	No. 6 AWG, THWN-2, 600-Volt Feeder Cable	880 LF	\$1.00	\$880.00	\$1.50	\$1,320.00	\$1.37	\$1,205.60
100	625	AKRON	No. 4 AWG, THWN-2, 600-Volt Service Conductor	350 LF	\$1.50	\$525.00	\$1.50	\$525.00	\$1.78	\$623.00
101	625	AKRON	No. 4 AWG, Type XLP/USE 600-volt Copper Cable	1100 LF	\$1.60	\$1,760.00	\$1.50	\$1,650.00	\$1.88	\$2,068.00
102	625	AKRON	500 MCM AWG, THWN02, 600 Volt Service Conductor	500 LF	\$8.00	\$4,000.00	\$7.00	\$3,500.00	\$9.55	\$4,775.00
103	630	AKRON	Ground-Mounted Supports, No. 3 Post	20 LF	\$10.00	\$200.00	\$10.00	\$200.00	\$60.00	\$1,200.00
104	630	AKRON	Signs, Flat Sheet	135 SF	\$25.00	\$3,375.00	\$25.00	\$3,375.00	\$21.60	\$2,916.00
105	630	AKRON	Removal of Groundmounted Sign & Storage	2 Each	\$10.00	\$20.00	\$20.00	\$40.00	\$42.00	\$84.00
106	630	AKRON	Sign Support Assembly, Pole	3 Each	\$10.00	\$30.00	\$100.00	\$300.00	\$114.00	\$342.00
107	632	AKRON	Wood Pole, 30-Foot	2 Each	\$1,000.00	\$2,000.00	\$850.00	\$1,700.00	\$1,840.20	\$3,680.40
108	632	AKRON	Conduit Riser, 2-Inch Diameter	1 Each	\$300.00	\$300.00	\$100.00	\$100.00	\$480.00	\$480.00
109	632	AKRON	Pull Boxes, Concrete, 18-inch	2 Each	\$700.00	\$1,400.00	\$700.00	\$1,400.00	\$369.00	\$738.00
110	632	AKRON	Signal Support TC81.20, Design II	1 Each	\$4,500.00	\$4,500.00	\$6,500.00	\$6,500.00	\$12,645.60	\$12,645.60
111	632	AKRON	Foundation, Signal Support, 10-Feet Deep	1 Each	\$700.00	\$700.00	\$2,500.00	\$2,500.00	\$5,054.40	\$5,054.40
112	632	AKRON	Trenching	100 LF	\$6.50	\$650.00	\$5.00	\$500.00	\$12.00	\$1,200.00
113	632	AKRON	Power Service	1 LS	\$1,000.00	\$1,000.00	\$250.00	\$250.00	\$1,320.00	\$1,320.00
114	632	AKRON	Vehicular Signal Head, 1 Section, Flasher, 12" Lens, 1-Way	2 Each	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$428.40	\$856.80
115	632	AKRON	Vehicular Signal Head, 1 Section, Flasher, 12" Lens, 2-Way	1 Each	\$1,000.00	\$1,000.00	\$800.00	\$800.00	\$705.60	\$705.60

116	632	AKRON	Signal Cable, 4C Conductor, No. 14 AWG	45 LF	\$2.00	\$90.00	\$2.00	\$90.00	\$2.38	\$107.10
117	633	AKRON	Flasher Controller	1 Each	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$518.40	\$518.40
118	653	AKRON	Topsoil Furnished and Placed, 4" thick	7825 SY	\$8.00	\$62,600.00	\$5.00	\$39,125.00	\$3.72	\$29,109.00
119	659	AKRON	Overseed Wall	1 LS	\$6,822.00	\$6,822.00	\$1,000.00	\$1,000.00	\$504.00	\$504.00
120	661	AKRON	Campsis Radicans	553 Each	\$20.00	\$11,060.00	\$2.00	\$1,106.00	\$7.20	\$3,981.60
121	661	AKRON	Celastres Scandens	553 Each	\$20.00	\$11,060.00	\$2.00	\$1,106.00	\$7.20	\$3,981.60
122	661	AKRON	Parthenocissus Quincifolia	553 Each	\$20.00	\$11,060.00	\$2.00	\$1,106.00	\$7.20	\$3,981.60
123	661	AKRON	Vitis Species	300 Each	\$20.00	\$6,000.00	\$30.00	\$9,000.00	\$7.20	\$2,160.00
124	662	AKRON	Aronia Arbutifolia Brilliantissima	18 Each	\$51.00	\$918.00	\$35.00	\$630.00	\$43.20	\$777.60
125	662	AKRON	Cornus Sericea	31 Each	\$60.75	\$1,883.25	\$30.00	\$930.00	\$43.20	\$1,339.20
126	662	AKRON	Diervilla Lonicera	183 Each	\$42.00	\$7,686.00	\$30.00	\$5,490.00	\$43.20	\$7,905.60
127	662	AKRON	Panicum Virgatum	9 Each	\$20.25	\$182.25	\$13.00	\$117.00	\$21.60	\$194.40
128	662	AKRON	Rhus Aromatic "Gro Low"	143 Each	\$53.25	\$7,614.75	\$35.00	\$5,005.00	\$43.20	\$6,177.60
129	662	AKRON	Ceanothus Americanus	98 Each	\$52.50	\$5,145.00	\$30.00	\$2,940.00	\$43.20	\$4,233.60
130	662	AKRON	Geranium X "Johnson Blue"	31 Each	\$16.00	\$496.00	\$15.00	\$465.00	\$14.40	\$446.40
131	662	AKRON	Phlox Carolina "Bill Baker"	23 Each	\$17.50	\$402.50	\$15.00	\$345.00	\$14.40	\$331.20
132	662	AKRON	Phlox Subulata "Emerald Blue"	34 Each	\$11.25	\$382.50	\$15.00	\$510.00	\$14.40	\$489.60
133	662	AKRON	Schizachyrium Scoparium "Little Blue Stem"	15 Each	\$20.25	\$303.75	\$15.00	\$225.00	\$14.40	\$216.00
134	663	AKRON	Tree Planting with Grate	9 Each	\$1,650.00	\$14,850.00	\$1,700.00	\$15,300.00	\$1,080.00	\$9,720.00
135	663	AKRON	Amelanchier Canadensis	8 Each	\$324.00	\$2,592.00	\$250.00	\$2,000.00	\$295.20	\$2,361.60
136	663	AKRON	Platanus Occidentalis	16 Each	\$474.00	\$7,584.00	\$325.00	\$5,200.00	\$408.00	\$6,528.00
137	668	AKRON	Seeding and Excelsior Matting	440 SY	\$4.00	\$1,760.00	\$4.00	\$1,760.00	\$2.70	\$1,188.00
138	671	ODOT	Erosion Control Mat, Type C	4000 SY	\$1.85	\$7,400.00	\$3.00	\$12,000.00	\$1.50	\$6,000.00
139	Special		Construction Fence	400 LF	\$5.00	\$2,000.00	\$2.50	\$1,000.00	\$8.40	\$3,360.00
140	Special	No. 1	High Friction Surface Treatment	93 SY	\$45.00	\$4,185.00	\$80.00	\$7,440.00	\$88.80	\$8,258.40
141	Special	No. 2	Modular Retaining Wall	390 SF	\$40.00	\$15,600.00	\$36.00	\$14,040.00	\$33.60	\$13,104.00
142	Special	No. 3	Pre-Engineered Bridge, Type I (Steel)	1 Each	\$96,000.00	\$96,000.00	\$70,000.00	\$70,000.00	\$68,754.00	\$68,754.00
143	Special	No. 3	Pre-Engineered Bridge, Type 2 (Steel)	1 Each	\$114,000.00	\$114,000.00	\$60,000.00	\$60,000.00	\$75,714.00	\$75,714.00
144	Special	No. 5	Computer Equipment	1 LS	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
145	Special	No. 6	Bike Rack	1 Each	\$960.00	\$960.00	\$675.00	\$675.00	\$1,020.00	\$1,020.00
146	Special	No. 6	Trash Receptacle	1 Each	\$1,125.00	\$1,125.00	\$1,400.00	\$1,400.00	\$900.00	\$900.00
147	Special	No. 6	Type "A" Light Pole with 2 Lunimaires	2 Each	\$2,000.00	\$4,000.00	\$1,900.00	\$3,800.00	\$3,429.60	\$6,859.20
148	Special	No. 6	Wood and Stone Bench	3 Each	\$1,400.00	\$4,200.00	\$2,200.00	\$6,600.00	\$1,226.40	\$3,679.20
149	Special	No. 6	Precast Wheel Stops	17 Each	\$200.00	\$3,400.00	\$100.00	\$1,700.00	\$66.00	\$1,122.00
150	Special	No. 7	Trail Directional Sign	28 Each	\$185.00	\$5,180.00	\$205.00	\$5,740.00	\$168.00	\$4,704.00
151	Special	No. 7	Trailhead Entry Sign	1 Each	\$3,000.00	\$3,000.00	\$7,000.00	\$7,000.00	\$5,361.60	\$5,361.60
152	Special	No. 7	Handicap Parking Signs	2 Each	\$200.00	\$400.00	\$200.00	\$400.00	\$210.00	\$420.00
153	Special	No. 7	Sign Posts	16 Each	\$200.00	\$3,200.00	\$215.00	\$3,440.00	\$180.00	\$2,880.00
154	Special	No. 7	Type III Baricade including Trail Expansion and Stop Sign	1 Each	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$1,320.00	\$1,320.00
155	Special	No. 7	Regulatory Sign	9 Each	\$100.00	\$900.00	\$195.00	\$1,755.00	\$270.00	\$2,430.00
156	Special	No. 8	Wood Bollards	17 Each	\$230.00	\$3,910.00	\$150.00	\$2,550.00	\$152.40	\$2,590.80
157	Special	No. 8	Collapsible Wood Bollard	3 Each	\$450.00	\$1,350.00	\$500.00	\$1,500.00	\$702.00	\$2,106.00
158	Special	No. 9	Timber Railing	1775 LF	\$38.00	\$67,450.00	\$40.00	\$71,000.00	\$31.25	\$55,468.75
159	Special	No. 9	Kiosk	1 Each	\$7,200.00	\$7,200.00	\$20,000.00	\$20,000.00	\$10,488.00	\$10,488.00

160	Special	No. 9	Landscaping Fence	210 LF	\$85.00	\$17,850.00	\$40.00	\$8,400.00	\$31.40	\$6,594.00
161	Special	No. 10	Overhead Protection Structure, (Type 1)	1 Each	\$30,600.00	\$30,600.00	\$35,000.00	\$35,000.00	\$26,658.00	\$26,658.00
162	Special	No. 10	Overhead Protection Structure, (Type 2)	1 Each	\$59,400.00	\$59,400.00	\$50,000.00	\$50,000.00	\$42,924.00	\$42,924.00
163	Special	No. 11	Trailside and Lawn Seeding and Mulching	3678 SY	\$1.50	\$5,517.00	\$1.00	\$3,678.00	\$0.76	\$2,795.28
164	Special	No. 11	Woodlands and Non-Lawn Seeding and Mulching	2783 SY	\$1.50	\$4,174.50	\$1.00	\$2,783.00	\$0.86	\$2,393.38
165	Special	No. 12	Repair Surface Cracks	20 SF	\$100.00	\$2,000.00	\$250.00	\$5,000.00	\$120.00	\$2,400.00
166	Special	No. 12	Repair Surface Spalling	40 SF	\$100.00	\$4,000.00	\$250.00	\$10,000.00	\$72.00	\$2,880.00
			Repair Concrete Spalling/Delineation at Control Joints & Expansion Joints	20 SF	\$100.00	\$2,000.00	\$250.00	\$5,000.00	\$120.00	\$2,400.00
167	Special	No. 12	Repair Sealant at Control Joints	15 LF	\$75.00	\$1,125.00	\$30.00	\$450.00	\$120.00	\$1,800.00
169	Special	No. 12	Repair Sealant at Expansion Joints	15 LF	\$75.00	\$1,125.00	\$30.00	\$450.00	\$120.00	\$1,800.00
170	Special	No. 13	Sealing of Concrete Surfaces	366 SY	\$20.00	\$7,320.00	\$20.00	\$7,320.00	\$19.20	\$7,027.20
171	Special	No. 15	Rule 13 Area Samples and Analysis	1 Allowance	\$246,025.00	\$246,025.00	\$246,025.00	\$246,025.00	\$246,025.00	\$246,025.00
172	Special	No. 16	Installation of Cap - Rule 13 Area	1 Allowance	\$38,260.00	\$38,260.00	\$38,260.00	\$38,260.00	\$38,260.00	\$38,260.00
173	Special	No. 17	Cellular Confinement System with Concrete Infill	95 SY	\$350.00	\$33,250.00	\$510.00	\$48,450.00	\$510.00	\$48,450.00
174	Special	No. 17	Cellular Confinement System	663 SY	\$250.00	\$165,750.00	\$520.00	\$344,760.00	\$602.11	\$399,198.93
175	Special	No. 18	Interpretive Exhibit	6 Each	\$10,000.00	\$60,000.00	\$2,500.00	\$15,000.00	\$1,200.00	\$7,200.00
176	Special	No. 20	Reinforced Concrete Wall - Rule 13 Area	1 LS	\$218,736.50	\$218,736.50	\$250,000.00	\$250,000.00	\$237,990.00	\$237,990.00
177	Special	No. 21	14-inch Auger Cast Pile Test	90 LF	\$15.00	\$1,350.00	\$300.00	\$27,000.00	\$187.20	\$16,848.00

ALTERNATE #1

Alt. 1 Special No. 4 Pre-Engineered Bridge, Type 1 (FRP) 1 Each \$61,500 \$61,500.00 \$85,000.00 \$85,000.00 \$74,754.00 \$74,754.00

ALTERNATE #2

Alt. 2 Special No. 4 Pre-Engineered Bridge, Type 2 (FRP) 1 Each \$70,500 \$70,500.00 \$85,000.00 \$85,000.00 \$81,714.00 \$81,714.00

ALTERNATE #3

Alt. 3 Special No. 19 Steel Sheet Piling Wall 1 Each \$126,000 \$126,000.00 \$215,000.00 \$215,000.00 \$183,000.00 \$183,000.00

TOTAL CONSTRUCTION COSTS \$2,812,355.50 \$3,237,057.00 \$3,374,597.00

+/- ENGINEER'S ESTIMATE +15.1% +20.0%

ALTERNATE #1

TOTAL CONSTRUCTION COSTS \$61,500.00 \$85,000.00 \$74,754.00

+/- ENGINEER'S ESTIMATE +38.2% +20.0%

ALTERNATE #2

TOTAL CONSTRUCTION COSTS \$70,500.00 \$85,000.00 \$81,714.00

+/- ENGINEER'S ESTIMATE +20.6% +21.6%

ALTERNATE #3

TOTAL CONSTRUCTION COSTS \$126,000.00 \$215,000.00 \$183,000.00

+/- ENGINEER'S ESTIMATE +70.6% +15.9%
