

REF. NO.	ITEM NO. AKRON	ITEM NO. ODOT	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Construction		2. Cavanaugh Building Corp.		*3. Schirmer Construction	
						PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
ROADWAY													
1	201		CLEARING AND GRUBBING	1	L.S.	\$23,000.00	\$23,000.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00
2	202		PAVEMENT REMOVED	373	S.Y.	\$5.00	\$1,865.00	\$10.00	\$3,730.00	\$7.00	\$2,611.00	\$6.50	\$2,424.50
3	202		GUARDRAIL REMOVED	231	L.F.	\$2.25	\$519.75	\$2.00	\$462.00	\$6.00	\$1,386.00	\$1.50	\$346.50
4	202		GUTTER REMOVED	265	L.F.	\$6.00	\$1,590.00	\$2.50	\$662.50	\$10.00	\$2,650.00	\$3.00	\$795.00
5	202		PIPE REMOVED 24" AND UNDER	287	L.F.	\$10.00	\$2,870.00	\$8.00	\$2,296.00	\$10.00	\$2,870.00	\$10.00	\$2,870.00
6	202		CATCH BASIN REMOVED	2	EACH	\$250.00	\$500.00	\$150.00	\$300.00	\$150.00	\$300.00	\$400.00	\$800.00
7	202		FENCE REMOVED	83	L.F.	\$2.75	\$228.25	\$2.00	\$166.00	\$10.00	\$830.00	\$4.00	\$332.00
8	203		EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	2705	C.Y.	\$6.00	\$16,230.00	\$12.00	\$32,460.00	\$18.00	\$48,690.00	\$15.00	\$40,575.00
9	203		EMBANKMENT	3434	C.Y.	\$7.00	\$24,038.00	\$8.00	\$27,472.00	\$15.00	\$51,510.00	\$17.00	\$58,378.00
10	203		SUBGRADE COMPACTION	3273	S.Y.	\$1.20	\$3,927.60	\$1.00	\$3,273.00	\$3.00	\$9,819.00	\$2.20	\$7,200.60
11	203		PROOF ROLLING	4	HR	\$100.00	\$400.00	\$80.00	\$320.00	\$150.00	\$600.00	\$70.00	\$280.00
12	207		STRAW OR HAY BALES	10	EACH	\$5.00	\$50.00	\$10.00	\$100.00	\$15.00	\$150.00	\$15.00	\$150.00
13	207		FILTER FABRIC FENCE	1900	L.F.	\$1.25	\$2,375.00	\$2.50	\$4,750.00	\$2.00	\$3,800.00	\$2.00	\$3,800.00
14	207		TEMPORARY SEEDING AND MULCHING	725	S.Y.	\$0.50	\$362.50	\$0.25	\$181.25	\$1.00	\$725.00	\$0.75	\$543.75
15	304		AGGREGATE BASE	668	C.Y.	\$31.50	\$21,042.00	\$40.00	\$26,720.00	\$50.00	\$33,400.00	\$45.00	\$30,060.00
16	448		ASPHALT CONCRETE, VARIABLE THICKNESS	10	C.Y.	\$85.00	\$850.00	\$175.00	\$1,750.00	\$225.00	\$2,250.00	\$180.00	\$1,800.00
17	301		4" BITUMINOUS AGGREGATE BASE	262	C.Y.	\$120.00	\$31,440.00	\$125.00	\$32,750.00	\$150.00	\$39,300.00	\$132.00	\$34,584.00
18	448		ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22	125	C.Y.	\$135.00	\$16,875.00	\$150.00	\$18,750.00	\$160.00	\$20,000.00	\$170.00	\$21,250.00
19	451		9" REINFORCED CONCRETE PAVEMENT	523	S.Y.	\$47.00	\$24,581.00	\$45.00	\$23,535.00	\$60.00	\$31,380.00	\$80.00	\$41,840.00
20	454		CONCRETE BARRIER	182	L.F.	\$105.00	\$19,110.00	\$75.00	\$13,650.00	\$135.00	\$24,570.00	\$125.00	\$22,750.00
21	455		CURB, TYPE 6" X 18"	100	L.F.	\$23.00	\$2,300.00	\$18.00	\$1,800.00	\$25.00	\$2,500.00	\$20.00	\$2,000.00
22	609		ENGINEERING GEOGRID FOR ROADWAYS	3290	S.Y.	\$4.21	\$13,850.90	\$5.20	\$17,108.00	\$5.00	\$16,450.00	\$6.00	\$19,740.00
RETAINING WALLS													
23	503		COFFERDAMS, CRIBS AND SHEETING, AS PER PLAN	1	L.S.	\$5,000.00	\$5,000.00	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$11,000.00	\$11,000.00
24	503		UNCLASSIFIED EXCAVATION	2920	C.Y.	\$25.00	\$73,000.00	\$15.00	\$43,800.00	\$18.00	\$52,560.00	\$25.00	\$73,000.00
25	509		EPOXY COATED REINFORCING STEEL	80056	POUND	\$0.90	\$72,050.40	\$1.00	\$80,056.00	\$1.25	\$100,070.00	\$1.10	\$88,061.60
26	511		CLASS C CONCRETE, AS PER PLAN	542	C.Y.	\$400.00	\$216,800.00	\$500.00	\$271,000.00	\$400.00	\$216,800.00	\$395.00	\$214,090.00
27	511		CLASS C CONCRETE, FOOTING	594	C.Y.	\$250.00	\$148,500.00	\$350.00	\$207,900.00	\$200.00	\$118,800.00	\$375.00	\$222,750.00
28		512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	1370	S.Y.	\$11.00	\$15,070.00	\$9.00	\$12,330.00	\$20.00	\$27,400.00	\$12.00	\$16,440.00
29	516		1" PREFORMED EXPANSION JOINT FILLER	318	S.Y.	\$4.00	\$1,272.00	\$8.00	\$2,544.00	\$10.00	\$3,180.00	\$5.00	\$1,590.00
30	518		POROUS BACKFILL WITH FILTER FABRIC	487	C.Y.	\$55.00	\$26,785.00	\$40.00	\$19,480.00	\$50.00	\$24,350.00	\$50.00	\$24,350.00
31	518		6" PERFORATED CORRUGATED PLASTIC PIPE	933	L.F.	\$7.00	\$6,531.00	\$11.00	\$10,263.00	\$4.00	\$3,732.00	\$2.50	\$2,332.50
32	518		6" NON- PERFORATED CORRUGATED PLASTIC PIPE	140	L.F.	\$11.00	\$1,540.00	\$12.00	\$1,680.00	\$10.00	\$1,400.00	\$10.00	\$1,400.00
33	SPEC		FORM LINER	8367	S.F.	\$9.00	\$75,303.00	\$12.00	\$100,404.00	\$22.00	\$184,074.00	\$16.00	\$133,872.00
34	SPEC		STAINING CONCRETE SURFACES	8367	S.F.	\$2.50	\$20,917.50	\$3.00	\$25,101.00	\$7.00	\$58,569.00	\$6.00	\$50,202.00

BIKEWAY BRIDGE OVER S.R. 59

35	453	REINFORCED CONCRETE APPROACH SLABS(T=11") A.P.PLAN	23	S.Y.	\$230.00	\$5,290.00	\$165.00	\$3,795.00	\$210.00	\$4,830.00	\$170.00	\$3,910.00
36	453	REINFORCED CONCRETE APPROACH SLABS(T=13") A.P.PLAN	39	S.Y.	\$260.00	\$10,140.00	\$190.00	\$7,410.00	\$200.00	\$7,800.00	\$175.00	\$6,825.00
37	503	COFFERDAMS, CRIBS AND SHEETING, A.P.P.	1	L.S.	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00
38	503	UNCLASSIFIED EXCAVATION	433	C.Y.	\$25.00	\$10,825.00	\$25.00	\$10,825.00	\$18.00	\$7,794.00	\$25.00	\$10,825.00
39	505	PILE DRIVING EQUIPMENT MOBILIZATION	1	L.S.	\$8,000.00	\$8,000.00	\$3,000.00	\$3,000.00	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00
40	507	STEEL PILES, HP10x42	1765	L.F.	\$29.50	\$52,067.50	\$32.00	\$56,480.00	\$31.00	\$54,715.00	\$25.00	\$44,125.00
41	509	EPOXY COATED REINFORCING STEEL	41010	POUND	\$0.90	\$36,909.00	\$1.00	\$41,010.00	\$1.25	\$51,262.50	\$1.10	\$45,111.00
42	511	CLASS C CONCRETE, PIER ABOVE FOOTINGS	146	C.Y.	\$400.00	\$58,400.00	\$600.00	\$87,600.00	\$620.00	\$90,520.00	\$500.00	\$73,000.00
43	511	CLASS C CONCRETE, ABUTMENT NOT INCLUDING FOOTING	185	C.Y.	\$400.00	\$74,000.00	\$600.00	\$111,000.00	\$430.00	\$79,550.00	\$395.00	\$73,075.00
44	511	CLASS C CONCRETE, FOOTING	213	C.Y.	\$250.00	\$53,250.00	\$350.00	\$74,550.00	\$190.00	\$40,470.00	\$375.00	\$79,875.00
45	512	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE)	814	S.Y.	\$11.00	\$8,954.00	\$9.00	\$7,326.00	\$20.00	\$16,280.00	\$12.00	\$9,768.00
46	512	TYPE 2 WATERPROOFING	14	S.Y.	\$20.00	\$280.00	\$15.00	\$210.00	\$20.00	\$280.00	\$40.00	\$560.00
47	516	1" PREFORMED EXPANSION JOINT FILLER	84	S.F.	\$4.00	\$336.00	\$9.00	\$756.00	\$3.00	\$252.00	\$5.00	\$420.00
48	518	POROUS BACKFILL WITH FILTER FABRIC	123	C.Y.	\$55.00	\$6,765.00	\$40.00	\$4,920.00	\$35.00	\$4,305.00	\$50.00	\$6,150.00
49	518	6" PERFORATED CORRUGATED PLASTIC PIPE	122	L.F.	\$7.00	\$854.00	\$11.00	\$1,342.00	\$4.00	\$488.00	\$2.50	\$305.00
50	518	6" NON- PERFORATED CORRUGATED PLASTIC PIPE	30	L.F.	\$11.00	\$330.00	\$12.00	\$360.00	\$15.00	\$450.00	\$10.00	\$300.00
51	601	CRUSHED AGGREGATE SLOPE PROTECTION	143	S.Y.	\$25.00	\$3,575.00	\$28.00	\$4,004.00	\$30.00	\$4,290.00	\$50.00	\$7,150.00
52	SPEC	CLASS HP MODIFIED CONCRETE, SUPERSTRUCTURE	66	C.Y.	\$700.00	\$46,200.00	\$800.00	\$52,800.00	\$420.00	\$27,720.00	\$450.00	\$29,700.00
53	SPEC	PRE-ENGINEERED BRIDGE	1	L.S.	\$750,000.00	\$750,000.00	\$900,000.00	\$900,000.00	\$742,452.00	\$742,452.00	\$950,000.00	\$950,000.00
54	SPEC	FORM LINER	1061	S.F.	\$9.00	\$9,549.00	\$12.00	\$12,732.00	\$22.00	\$23,342.00	\$16.00	\$16,976.00
55	SPEC	STAINING CONCRETE SURFACES	1061	S.F.	\$2.50	\$2,652.50	\$3.00	\$3,183.00	\$7.00	\$7,427.00	\$6.00	\$6,366.00
RAMP E BRIDGE OVER BIKEWAY												
56	503	COFFERDAMS, CRIBS AND SHEETING, A.P.P.	1	L.S.	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$15,000.25	\$15,000.25	\$11,000.00	\$11,000.00
57	503	UNCLASSIFIED EXCAVATION	399	C.Y.	\$25.00	\$9,975.00	\$20.00	\$7,980.00	\$18.00	\$7,182.00	\$25.00	\$9,975.00
58	509	EPOXY COATED REINFORCING STEEL	10456	POUND	\$0.90	\$9,410.40	\$1.00	\$10,456.00	\$1.25	\$13,070.00	\$1.10	\$11,501.60
59	511	CLASS C CONCRETE, ABUTMENT NOT INCLUDING FOOTING	107	C.Y.	\$400.00	\$42,800.00	\$350.00	\$37,450.00	\$280.00	\$29,960.00	\$395.00	\$42,265.00
60	511	CLASS C CONCRETE, FOOTING	72	C.Y.	\$250.00	\$18,000.00	\$250.00	\$18,000.00	\$190.00	\$13,680.00	\$375.00	\$27,000.00
61	512	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE)	169	S.Y.	\$11.00	\$1,859.00	\$9.00	\$1,521.00	\$20.00	\$3,380.00	\$12.00	\$2,028.00
62	512	TYPE 2 WATERPROOFING	18	S.Y.	\$20.00	\$360.00	\$15.00	\$270.00	\$15.00	\$270.00	\$40.00	\$720.00
63	516	1/2 INCH PREFORMED EXPANSION JOINT FILLER	17	S.F.	\$2.50	\$42.50	\$6.00	\$102.00	\$2.00	\$34.00	\$10.00	\$170.00
64	518	POROUS BACKFILL WITH FILTER FABRIC	79	C.Y.	\$55.00	\$4,345.00	\$50.00	\$3,950.00	\$35.00	\$2,765.00	\$50.00	\$3,950.00
65	518	6" PERFORATED CORRUGATED PLASTIC PIPE	86	L.F.	\$6.00	\$516.00	\$11.00	\$946.00	\$6.00	\$516.00	\$3.00	\$258.00
66	453	REINFORCED CONCRETE APPROACH SLABS (T=15"), A.P.P.	183	S.Y.	\$210.00	\$38,430.00	\$150.00	\$27,450.00	\$200.00	\$36,600.00	\$170.00	\$31,110.00
67	SPEC	CLASS HP MODIFIED CONCRETE , SUPERSTRUCTURE	35	C.Y.	\$700.00	\$24,500.00	\$500.00	\$17,500.00	\$800.00	\$28,000.00	\$570.00	\$19,950.00

68	SPEC	FORM LINER	876	S.F.	\$9.00	\$7,884.00	\$12.00	\$10,512.00	\$22.00	\$19,272.00	\$16.00	\$14,016.00
69	SPEC	STAINING CONCRETE SURFACES	876	S.F.	\$2.50	\$2,190.00	\$3.00	\$2,628.00	\$7.00	\$6,132.00	\$6.00	\$5,256.00
		SLAB AT EXISTING BOX CULVERT										
70	503	UNCLASSIFIED EXCAVATION	11	C.Y.	\$25.00	\$275.00	\$35.00	\$385.00	\$50.00	\$550.00	\$60.00	\$660.00
71	509	EPOXY COATED REINFORCING STEEL	7637	POUND	\$0.90	\$6,873.30	\$1.00	\$7,637.00	\$1.25	\$9,546.25	\$1.10	\$8,400.70
72	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	54	EACH	\$27.80	\$1,501.20	\$15.00	\$810.00	\$30.00	\$1,620.00	\$20.00	\$1,080.00
73	511	CLASS S CONCRETE, SUPERSTRUCTURE	33	C.Y.	\$450.00	\$14,850.00	\$490.00	\$16,170.00	\$480.00	\$15,840.00	\$525.00	\$17,325.00
74	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	41	S.Y.	\$11.00	\$451.00	\$9.00	\$369.00	\$8.00	\$328.00	\$15.00	\$615.00
75	516	1/2 INCH PREFORMED EXPANSION JOINT FILLER	58	S.F.	\$2.50	\$145.00	\$6.00	\$348.00	\$2.00	\$116.00	\$5.00	\$290.00
		DRAINAGE										
76	SPEC	PLUG EXISTING SCUPPERS	8	EACH	\$100.00	\$800.00	\$85.00	\$680.00	\$250.00	\$2,000.00	\$175.00	\$1,400.00
77	552	10" STORM SEWER, TYPE B, Class "B" Bedding	42	L.F.	\$28.00	\$1,176.00	\$40.00	\$1,680.00	\$30.00	\$1,260.00	\$50.00	\$2,100.00
78	552	12" STORM SEWER, TYPE A, Class "B" Bedding, As per plan	224	L.F.	\$40.00	\$8,960.00	\$55.00	\$12,320.00	\$46.00	\$10,304.00	\$50.00	\$11,200.00
79	552	12" STORM SEWER, TYPE B, Class "B" Bedding	293	L.F.	\$32.00	\$9,376.00	\$25.00	\$7,325.00	\$30.00	\$8,790.00	\$50.00	\$14,650.00
80	552	15" STORM SEWER, TYPE A, Class "B" Bedding	135	L.F.	\$48.00	\$6,480.00	\$45.00	\$6,075.00	\$55.00	\$7,425.00	\$55.00	\$7,425.00
81	552	15" STORM SEWER, TYPE B, Class "B" Bedding	418	L.F.	\$40.00	\$16,720.00	\$45.00	\$18,810.00	\$40.00	\$16,720.00	\$55.00	\$22,990.00
82	552	18" STORM SEWER, TYPE B, Class "B" Bedding	104	L.F.	\$53.00	\$5,512.00	\$50.00	\$5,200.00	\$45.00	\$4,680.00	\$65.00	\$6,760.00
83	562	MANHOLE NO. 2A	4	EACH	\$2,040.00	\$8,160.00	\$2,100.00	\$8,400.00	\$3,000.00	\$12,000.00	\$2,700.00	\$10,800.00
84	562	MANHOLE NO. 2A, AS PER PLAN	1	EACH	\$3,300.00	\$3,300.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$2,800.00	\$2,800.00
85	562	MANHOLE ADJUSTED BY USING ADJUSTMENT RING	1	EACH	\$450.00	\$450.00	\$250.00	\$250.00	\$500.00	\$500.00	\$750.00	\$750.00
86	563	INLET NO. 5	1	EACH	\$1,000.00	\$1,000.00	\$1,700.00	\$1,700.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
87	564	6" PIPE UNDERDRAIN	100	L.F.	\$2.00	\$200.00	\$9.00	\$900.00	\$10.00	\$1,000.00	\$10.00	\$1,000.00
88	601	ROCK CHANNEL PROTECTION, TYPE C	2	C.Y.	\$40.00	\$80.00	\$100.00	\$200.00	\$100.00	\$200.00	\$225.00	\$450.00
89	602	CONCRETE MASONRY	0.31	C.Y.	\$1,000.00	\$310.00	\$1,000.00	\$310.00	\$1,000.00	\$310.00	\$2,000.00	\$620.00
90	601	PAVED GUTTER, TYPE 1-2, AS PER PLAN	645	L.F.	\$30.00	\$19,350.00	\$30.00	\$19,350.00	\$25.00	\$16,125.00	\$30.00	\$19,350.00
91	603	8" SLOTTED DRAIN, TYPE 1	25	L.F.	\$80.00	\$2,000.00	\$120.00	\$3,000.00	\$35.00	\$875.00	\$135.00	\$3,375.00
92	604	INLET NO. 3, AS PER PLAN	1	EACH	\$3,000.00	\$3,000.00	\$4,200.00	\$4,200.00	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00
93	604	SIDE DITCH INLET	3	EACH	\$750.00	\$2,250.00	\$1,400.00	\$4,200.00	\$300.00	\$900.00	\$2,000.00	\$6,000.00
94	604	CATCH BASIN NO. 2-2B	8	EACH	\$1,000.00	\$8,000.00	\$1,100.00	\$8,800.00	\$1,250.00	\$10,000.00	\$2,200.00	\$17,600.00
		GUARDRAIL										
95	606	GUARDRAIL, TYPE 5	993.75	L.F.	\$11.50	\$11,428.13	\$14.00	\$13,912.50	\$20.00	\$19,875.00	\$12.80	\$12,720.00
96	606	ANCHOR ASSEMBLY, TYPE T	1	EACH	\$475.00	\$475.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$650.00	\$650.00
97	606	BRIDGE TERMINAL ASSEMBLY, TYPE 1	7	EACH	\$1,000.00	\$7,000.00	\$1,000.00	\$7,000.00	\$1,500.00	\$10,500.00	\$1,400.00	\$9,800.00
98	606	BRIDGE TERMINAL ASSEMBLY, TYPE 2	2	EACH	\$350.00	\$700.00	\$350.00	\$700.00	\$750.00	\$1,500.00	\$480.00	\$960.00
99	606	IMPACT ATTENUATOR, TYPE 2-98	1	EACH	\$16,500.00	\$16,500.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
		MAINTAINANCE OF TRAFFIC										
100	613	UNIFORMED LAW ENFORCEMENT OFFICER	40	HOURLY	\$40.00	\$1,600.00	\$40.00	\$1,600.00	\$40.00	\$1,600.00	\$55.00	\$2,200.00
101	614	MAINTAINING TRAFFIC	1	L.S.	\$20,000.00	\$20,000.00	\$75,000.00	\$75,000.00	\$65,000.00	\$65,000.00	\$90,000.00	\$90,000.00
102	615	TEMPORARY PAVEMENT	435	S.Y.	\$30.00	\$13,050.00	\$30.00	\$13,050.00	\$20.00	\$8,700.00	\$50.00	\$21,750.00
103	616	WATER	26	MGAL	\$23.00	\$598.00	\$10.00	\$260.00	\$100.00	\$2,600.00	\$5.00	\$130.00
		GENERAL										

104	103.05		CONTRACT PERFORMANCE BOND	1	L.S.	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$40,000.00	\$40,000.00
105	618		COMPUTER EQUIPMENT	1	LOWAN	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
106		619	FIELD OFFICE, TYPE B	1	L.S.	\$12,000.00	\$12,000.00	\$2,500.00	\$2,500.00	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00
107	623		CONSTRUCTION LAYOUT STAKES	1	L.S.	\$7,500.00	\$7,500.00	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00
108	624		MOBILIZATION	1	L.S.	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00	\$54,000.00	\$54,000.00	\$40,000.00	\$40,000.00
			LIGHTING										
109	625		PULL BOX, 18", 713.08	9	EACH	\$595.00	\$5,355.00	\$450.00	\$4,050.00	\$700.00	\$6,300.00	\$450.00	\$4,050.00
110	625		CONDUIT, 3", 713.07	224	L.F.	\$15.00	\$3,360.00	\$3.50	\$784.00	\$10.00	\$2,240.00	\$3.65	\$817.60
111	625		CONDUIT, 2", 713.07	105	L.F.	\$12.00	\$1,260.00	\$3.00	\$315.00	\$6.00	\$630.00	\$2.75	\$288.75
112	625		NO. 4 AWG, 600-VOLT DISTRIBUTION CABLE	1054	L.F.	\$1.75	\$1,844.50	\$2.00	\$2,108.00	\$4.00	\$4,216.00	\$1.90	\$2,002.60
113	625		CONNECTOR KIT, TYPE II	9	EACH	\$68.00	\$612.00	\$80.00	\$720.00	\$70.00	\$630.00	\$75.00	\$675.00
114	625		1-1/2" DUCT CABLE WITH 2 NO. 4 AWG, 600 VOLT CABLES	391	L.F.	\$5.00	\$1,955.00	\$7.00	\$2,737.00	\$15.00	\$5,865.00	\$7.25	\$2,834.75
			SIGNAGE AND PAVEMENT MARKINGS										
115	SPEC		MAINTAIN EXISTING LIGHTING	1	L.S.	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00
116	621		STOP LINES	5	L.F.	\$15.00	\$75.00	\$10.00	\$50.00	\$20.00	\$100.00	\$10.00	\$50.00
117	621		CENTER LINES, TYPE 1 (SINGLE STRIPE)	260	L.F.	\$1.00	\$260.00	\$3.00	\$780.00	\$2.00	\$520.00	\$3.00	\$780.00
118	630		SIGN, FLAT SHEET TYPE G	42	S.F.	\$13.62	\$572.04	\$16.00	\$672.00	\$20.00	\$840.00	\$15.00	\$630.00
119	630		GROUND MOUNTED SIGN SUPPORT, NO. 2 POST	102	L.F.	\$5.50	\$561.00	\$6.00	\$612.00	\$15.00	\$1,530.00	\$6.50	\$663.00
120	630		REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	2	EACH	\$750.00	\$1,500.00	\$50.00	\$100.00	\$200.00	\$400.00	\$750.00	\$1,500.00
			LANDSCAPING										
121	653		TOPSOIL FURNISHED AND PLACED, 4" THICK	935	S.Y.	\$10.00	\$9,350.00	\$5.00	\$4,675.00	\$6.00	\$5,610.00	\$0.80	\$748.00
122	659		LAWN SEEDING AND MULCHING, AS PER PLAN	7810	S.Y.	\$0.87	\$6,794.70	\$1.00	\$7,810.00	\$1.00	\$7,810.00	\$0.76	\$5,935.60
123	659		WILDFLOWER SEEDING AND MULCHING - PART SHADE ROADSIDE MIX, ERNMX-140, ERNST SEED COMPANY, MEADVILLE, PA OR APPROVED EQUAL	65	S.Y.	\$2.00	\$130.00	\$10.00	\$650.00	\$1.00	\$65.00	\$0.95	\$61.75
124	659		WILDFLOWER SEEDING AND MULCHING - LOW GROWING MEADOW MIX, ERNMX-156, ERNST SEED COMPANY, MEADVILLE, PA OR APPROVED EQUAL	75	S.Y.	\$2.00	\$150.00	\$10.00	\$750.00	\$1.00	\$75.00	\$0.95	\$71.25
125	661		PLANTING PERENNIALS, ACHILLEA MILLEFOLIUM, COMMON YARROW INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	26	EACH	\$12.50	\$325.00	\$12.00	\$312.00	\$13.00	\$338.00	\$12.00	\$312.00
126	661		PLANTING PERENNIALS, ASCLEPIAS TUBEROSA, BUTTERFLY WEED INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	20	EACH	\$12.50	\$250.00	\$12.00	\$240.00	\$13.00	\$260.00	\$12.00	\$240.00

127	661	PLANTING PERENNIALS, RUDBECKIA "GOLDSTRUM," BLACK-EYED SUSAN INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	105	EACH	\$12.50	\$1,312.50	\$12.00	\$1,260.00	\$13.00	\$1,365.00	\$12.00	\$1,260.00
128	661	PLANTING PERENNIALS, LIRIOPE SPICATA, LILLYTURF INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	132	EACH	\$12.50	\$1,650.00	\$12.00	\$1,584.00	\$13.00	\$1,716.00	\$12.00	\$1,584.00
129	661	PLANTING PERENNIALS, NEPETA FAASSENII, CATMINT INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	73	EACH	\$12.50	\$912.50	\$12.00	\$876.00	\$13.00	\$949.00	\$12.00	\$876.00
130	662	PLANTING SHRUBS, CORNUS SERICEA, RED OSIER DOGWOOD INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	29	EACH	\$42.50	\$1,232.50	\$32.00	\$928.00	\$35.00	\$1,015.00	\$32.00	\$928.00
131	662	PLANTING SHRUBS, HAMAMELIS VIRGINIANA, COMMON WITCH HAZEL INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	12	EACH	\$75.00	\$900.00	\$46.00	\$552.00	\$51.00	\$612.00	\$49.00	\$588.00
132	662	PLANTING SHRUBS, MYRICA PENNSYLVANICA, NORTHERN BAYBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	32	EACH	\$53.00	\$1,696.00	\$49.00	\$1,568.00	\$35.00	\$1,120.00	\$34.00	\$1,088.00
133	662	PLANTING SHRUBS, FORSYTHIA X INTERMEDIA, COMMON FORSYTHIA INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	17	EACH	\$42.50	\$722.50	\$42.00	\$714.00	\$40.00	\$680.00	\$36.00	\$612.00
134	662	PLANTING SHRUBS, ARONIA ARBUTIFOLIA "BRILLIANTISSIMA," BRILLIANT RED CHOKEBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	16	EACH	\$42.50	\$680.00	\$38.00	\$608.00	\$36.00	\$576.00	\$34.00	\$544.00
135	662	PLANTING SHRUBS, DIERVILLA LONICERA, DWARF BUSH HONEYSUCKLE INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	99	EACH	\$42.50	\$4,207.50	\$36.00	\$3,564.00	\$36.00	\$3,564.00	\$34.00	\$3,366.00
136	662	PLANTING SHRUBS, CEANOTHUS AMERICANUS, NEW JERSEY TEA INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	26	EACH	\$42.50	\$1,105.00	\$34.00	\$884.00	\$45.00	\$1,170.00	\$42.00	\$1,092.00

137	662	PLANTING SHRUBS, RHUS AROMATIC "GRO-LOW," GRO-LOW FRAGRANT SUMAC INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	183	EACH	\$42.50	\$7,777.50	\$34.00	\$6,222.00	\$32.00	\$5,856.00	\$30.00	\$5,490.00
138	663	TREES, AMELANCHIER CANADENSIS, SHADBLOW SERVICEBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	2	EACH	\$250.00	\$500.00	\$280.00	\$560.00	\$225.00	\$450.00	\$200.00	\$400.00
139	663	TREES, CERCIS CANADENSIS, REDBUD INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	5	EACH	\$325.00	\$1,625.00	\$280.00	\$1,400.00	\$225.00	\$1,125.00	\$200.00	\$1,000.00
140	663	TREES, QUERCUS MACROCARPA, BURR OAK INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	4	EACH	\$425.00	\$1,700.00	\$330.00	\$1,320.00	\$350.00	\$1,400.00	\$305.00	\$1,220.00
141	663	TREES, SYRINGA PEKINENSIS, PEKING TREE LILAC INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	12	EACH	\$375.00	\$4,500.00	\$310.00	\$3,720.00	\$250.00	\$3,000.00	\$230.00	\$2,760.00
142	664	TREES, CRATAEGUS CRUSGALLI INERMIS, THORNLESS COCKSPUR HAWTHORNE INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	10	EACH	\$325.00	\$3,250.00	\$280.00	\$2,800.00	\$200.00	\$2,000.00	\$180.00	\$1,800.00
143	668	SEEDING AND EXCELSIOR MATTING	1422	S.Y.	\$2.80	\$3,981.60	\$2.00	\$2,844.00	\$2.00	\$2,844.00	\$2.10	\$2,986.20
144	669	PROTECTING TREES	1	L.S.	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00
145	SPEC	LANDSCAPE BOULDERS - GENERAL DIMENSIONS-MIXED 2'X2' TO 4'X4' SURFACE AREA BY 2' THICK	16	TON	\$150.00	\$2,400.00	\$150.00	\$2,400.00	\$175.00	\$2,800.00	\$120.00	\$1,920.00
146	SPEC	MULCH ON PLANT BEDS	130	C.Y.	\$40.00	\$5,200.00	\$40.00	\$5,200.00	\$45.00	\$5,850.00	\$38.00	\$4,940.00
147	SPEC	WOOD BOLLARDS	2	EACH	\$300.00	\$600.00	\$250.00	\$500.00	\$225.00	\$450.00	\$85.00	\$170.00
148	SPEC	COLLAPSIBLE WOOD BOLLARD	1	EACH	\$400.00	\$400.00	\$600.00	\$600.00	\$775.00	\$775.00	\$640.00	\$640.00
149	SPEC	STEEL RAILING, TYPE A	427	L.F.	\$40.00	\$17,080.00	\$100.00	\$42,700.00	\$270.00	\$115,290.00	\$170.00	\$72,590.00
150	SPEC	STEEL RAILING, TYPE B	487	L.F.	\$40.00	\$19,480.00	\$100.00	\$48,700.00	\$210.00	\$102,270.00	\$175.00	\$85,225.00
151	SPEC	STEEL RAILING, TYPE C	478	L.F.	\$20.00	\$9,560.00	\$60.00	\$28,680.00	\$170.00	\$81,260.00	\$160.00	\$76,480.00
152	SPEC	TIMBER RAILING	159	L.F.	\$35.00	\$5,565.00	\$55.00	\$8,745.00	\$55.00	\$8,745.00	\$49.00	\$7,791.00
153	SPEC	INTERPRETIVE EXHIBIT	1	EACH	\$3,000.00	\$3,000.00	\$1,250.00	\$1,250.00	\$2,750.00	\$2,750.00	\$4,000.00	\$4,000.00
TOTAL CONSTRUCTION COSTS						\$2,618,925.27		\$3,172,647.25		\$3,283,240.00		\$3,497,809.25
+/- ENGINEER'S ESTIMATE								+21.1%		+25.4%		+33.6%

* Did not use City provided Bidding Schedule, Reference #44 quantity incorrect in bid book

REF. NO.	ITEM NO. AKRON	ITEM NO. ODOT	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. J. D. Williamson Const.		5. The Ruhlin Company		6. Great Lake Construction	
						PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
ROADWAY													
1	201		CLEARING AND GRUBBING	1	L.S.	\$23,000.00	\$23,000.00	\$20,000.00	\$20,000.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00
2	202		PAVEMENT REMOVED	373	S.Y.	\$5.00	\$1,865.00	\$7.00	\$2,611.00	\$15.00	\$5,595.00	\$15.00	\$5,595.00
3	202		GUARDRAIL REMOVED	231	L.F.	\$2.25	\$519.75	\$1.50	\$346.50	\$4.00	\$924.00	\$7.00	\$1,617.00
4	202		GUTTER REMOVED	265	L.F.	\$6.00	\$1,590.00	\$3.50	\$927.50	\$6.00	\$1,590.00	\$4.00	\$1,060.00
5	202		PIPE REMOVED 24" AND UNDER	287	L.F.	\$10.00	\$2,870.00	\$11.00	\$3,157.00	\$8.00	\$2,296.00	\$7.00	\$2,009.00
6	202		CATCH BASIN REMOVED	2	EACH	\$250.00	\$500.00	\$275.00	\$550.00	\$200.00	\$400.00	\$100.00	\$200.00
7	202		FENCE REMOVED	83	L.F.	\$2.75	\$228.25	\$11.00	\$913.00	\$4.00	\$332.00	\$4.00	\$332.00
8	203		EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	2705	C.Y.	\$6.00	\$16,230.00	\$12.00	\$32,460.00	\$11.00	\$29,755.00	\$12.00	\$32,460.00
9	203		EMBANKMENT	3434	C.Y.	\$7.00	\$24,038.00	\$13.00	\$44,642.00	\$5.50	\$18,887.00	\$14.00	\$48,076.00
10	203		SUBGRADE COMPACTION	3273	S.Y.	\$1.20	\$3,927.60	\$2.50	\$8,182.50	\$3.00	\$9,819.00	\$2.50	\$8,182.50
11	203		PROOF ROLLING	4	HR	\$100.00	\$400.00	\$150.00	\$600.00	\$200.00	\$800.00	\$80.00	\$320.00
12	207		STRAW OR HAY BALES	10	EACH	\$5.00	\$50.00	\$9.00	\$90.00	\$8.00	\$80.00	\$15.00	\$150.00
13	207		FILTER FABRIC FENCE	1900	L.F.	\$1.25	\$2,375.00	\$3.00	\$5,700.00	\$2.00	\$3,800.00	\$3.00	\$5,700.00
14	207		TEMPORARY SEEDING AND MULCHING	725	S.Y.	\$0.50	\$362.50	\$0.45	\$326.25	\$0.65	\$471.25	\$0.85	\$616.25
15	304		AGGREGATE BASE	668	C.Y.	\$31.50	\$21,042.00	\$45.00	\$30,060.00	\$50.00	\$33,400.00	\$50.00	\$33,400.00
16	448		ASPHALT CONCRETE, VARIABLE THICKNESS	10	C.Y.	\$85.00	\$850.00	\$189.00	\$1,890.00	\$180.00	\$1,800.00	\$190.00	\$1,900.00
17	301		4" BITUMINOUS AGGREGATE BASE	262	C.Y.	\$120.00	\$31,440.00	\$139.00	\$36,418.00	\$132.00	\$34,584.00	\$140.00	\$36,680.00
18	448		ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22	125	C.Y.	\$135.00	\$16,875.00	\$179.00	\$22,375.00	\$170.00	\$21,250.00	\$185.00	\$23,125.00
19	451		9" REINFORCED CONCRETE PAVEMENT	523	S.Y.	\$47.00	\$24,581.00	\$43.00	\$22,489.00	\$60.00	\$31,380.00	\$70.00	\$36,610.00
20	454		CONCRETE BARRIER	182	L.F.	\$105.00	\$19,110.00	\$95.00	\$17,290.00	\$100.00	\$18,200.00	\$150.00	\$27,300.00
21	455		CURB, TYPE 6" X 18"	100	L.F.	\$23.00	\$2,300.00	\$16.00	\$1,600.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
22	609		ENGINEERING GEOGRID FOR ROADWAYS	3290	S.Y.	\$4.21	\$13,850.90	\$6.00	\$19,740.00	\$7.00	\$23,030.00	\$5.00	\$16,450.00
RETAINING WALLS													
23	503		COFFERDAMS, CRIBS AND SHEETING, AS PER PLAN	1	L.S.	\$5,000.00	\$5,000.00	\$23,000.00	\$23,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
24	503		UNCLASSIFIED EXCAVATION	2920	C.Y.	\$25.00	\$73,000.00	\$30.25	\$88,330.00	\$35.00	\$102,200.00	\$40.00	\$116,800.00
25	509		EPOXY COATED REINFORCING STEEL	80056	POUND	\$0.90	\$72,050.40	\$1.00	\$80,056.00	\$1.00	\$80,056.00	\$1.00	\$80,056.00
26	511		CLASS C CONCRETE, AS PER PLAN	542	C.Y.	\$400.00	\$216,800.00	\$695.00	\$376,690.00	\$700.00	\$379,400.00	\$735.00	\$398,370.00
27	511		CLASS C CONCRETE, FOOTING	594	C.Y.	\$250.00	\$148,500.00	\$250.00	\$148,500.00	\$275.00	\$163,350.00	\$275.00	\$163,350.00
28		512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	1370	S.Y.	\$11.00	\$15,070.00	\$12.00	\$16,440.00	\$12.50	\$17,125.00	\$12.00	\$16,440.00
29	516		1" PREFORMED EXPANSION JOINT FILLER	318	S.Y.	\$4.00	\$1,272.00	\$35.00	\$11,130.00	\$25.00	\$7,950.00	\$6.00	\$1,908.00
30	518		POROUS BACKFILL WITH FILTER FABRIC	487	C.Y.	\$55.00	\$26,785.00	\$63.00	\$30,681.00	\$50.00	\$24,350.00	\$75.00	\$36,525.00
31	518		6" PERFORATED CORRUGATED PLASTIC PIPE	933	L.F.	\$7.00	\$6,531.00	\$10.00	\$9,330.00	\$10.00	\$9,330.00	\$15.00	\$13,995.00
32	518		6" NON- PERFORATED CORRUGATED PLASTIC PIPE	140	L.F.	\$11.00	\$1,540.00	\$10.00	\$1,400.00	\$10.00	\$1,400.00	\$20.00	\$2,800.00
33	SPEC		FORM LINER	8367	S.F.	\$9.00	\$75,303.00	\$8.00	\$66,936.00	\$11.00	\$92,037.00	\$5.00	\$41,835.00
34	SPEC		STAINING CONCRETE SURFACES	8367	S.F.	\$2.50	\$20,917.50	\$5.75	\$48,110.25	\$5.50	\$46,018.50	\$5.50	\$46,018.50
BIKEWAY BRIDGE OVER S.R. 59													

35	453	REINFORCED CONCRETE APPROACH SLABS(T=11") A.P.PLAN	23	S.Y.	\$230.00	\$5,290.00	\$145.00	\$3,335.00	\$150.00	\$3,450.00	\$170.00	\$3,910.00
36	453	REINFORCED CONCRETE APPROACH SLABS(T=13") A.P.PLAN	39	S.Y.	\$260.00	\$10,140.00	\$150.00	\$5,850.00	\$150.00	\$5,850.00	\$185.00	\$7,215.00
37	503	COFFERDAMS, CRIBS AND SHEETING, A.P.P.	1	L.S.	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$500.00	\$500.00	\$500.00	\$500.00
38	503	UNCLASSIFIED EXCAVATION	433	C.Y.	\$25.00	\$10,825.00	\$13.75	\$5,953.75	\$40.00	\$17,320.00	\$35.00	\$15,155.00
39	505	PILE DRIVING EQUIPMENT MOBILIZATION	1	L.S.	\$8,000.00	\$8,000.00	\$46,000.00	\$46,000.00	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00
40	507	STEEL PILES, HP10x42	1765	L.F.	\$29.50	\$52,067.50	\$18.00	\$31,770.00	\$35.00	\$61,775.00	\$20.00	\$35,300.00
41	509	EPOXY COATED REINFORCING STEEL	41010	POUND	\$0.90	\$36,909.00	\$1.00	\$41,010.00	\$1.00	\$41,010.00	\$1.00	\$41,010.00
42	511	CLASS C CONCRETE, PIER ABOVE FOOTINGS	146	C.Y.	\$400.00	\$58,400.00	\$365.00	\$53,290.00	\$575.00	\$83,950.00	\$650.00	\$94,900.00
43	511	CLASS C CONCRETE, ABUTMENT NOT INCLUDING FOOTING	185	C.Y.	\$400.00	\$74,000.00	\$465.00	\$86,025.00	\$575.00	\$106,375.00	\$825.00	\$152,625.00
44	511	CLASS C CONCRETE, FOOTING	213	C.Y.	\$250.00	\$53,250.00	\$195.00	\$41,535.00	\$250.00	\$53,250.00	\$250.00	\$53,250.00
45	512	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE)	814	S.Y.	\$11.00	\$8,954.00	\$12.00	\$9,768.00	\$12.50	\$10,175.00	\$12.00	\$9,768.00
46	512	TYPE 2 WATERPROOFING	14	S.Y.	\$20.00	\$280.00	\$18.00	\$252.00	\$25.00	\$350.00	\$20.00	\$280.00
47	516	1" PREFORMED EXPANSION JOINT FILLER	84	S.F.	\$4.00	\$336.00	\$4.50	\$378.00	\$5.00	\$420.00	\$7.00	\$588.00
48	518	POROUS BACKFILL WITH FILTER FABRIC	123	C.Y.	\$55.00	\$6,765.00	\$58.00	\$7,134.00	\$50.00	\$6,150.00	\$75.00	\$9,225.00
49	518	6" PERFORATED CORRUGATED PLASTIC PIPE	122	L.F.	\$7.00	\$854.00	\$10.00	\$1,220.00	\$10.00	\$1,220.00	\$15.00	\$1,830.00
50	518	6" NON- PERFORATED CORRUGATED PLASTIC PIPE	30	L.F.	\$11.00	\$330.00	\$10.00	\$300.00	\$10.00	\$300.00	\$20.00	\$600.00
51	601	CRUSHED AGGREGATE SLOPE PROTECTION	143	S.Y.	\$25.00	\$3,575.00	\$16.00	\$2,288.00	\$20.00	\$2,860.00	\$20.00	\$2,860.00
52	SPEC	CLASS HP MODIFIED CONCRETE, SUPERSTRUCTURE	66	C.Y.	\$700.00	\$46,200.00	\$405.00	\$26,730.00	\$700.00	\$46,200.00	\$600.00	\$39,600.00
53	SPEC	PRE-ENGINEERED BRIDGE	1	L.S.	\$750,000.00	\$750,000.00	\$1,100,000.00	\$1,100,000.00	\$995,000.00	\$995,000.00	\$918,000.00	\$918,000.00
54	SPEC	FORM LINER	1061	S.F.	\$9.00	\$9,549.00	\$8.00	\$8,488.00	\$11.00	\$11,671.00	\$14.00	\$14,854.00
55	SPEC	STAINING CONCRETE SURFACES	1061	S.F.	\$2.50	\$2,652.50	\$5.75	\$6,100.75	\$5.50	\$5,835.50	\$5.50	\$5,835.50
		RAMP E BRIDGE OVER BIKEWAY										\$0.00
56	503	COFFERDAMS, CRIBS AND SHEETING, A.P.P.	1	L.S.	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00
57	503	UNCLASSIFIED EXCAVATION	399	C.Y.	\$25.00	\$9,975.00	\$33.00	\$13,167.00	\$50.00	\$19,950.00	\$35.00	\$13,965.00
58	509	EPOXY COATED REINFORCING STEEL	10456	POUND	\$0.90	\$9,410.40	\$1.00	\$10,456.00	\$1.00	\$10,456.00	\$1.00	\$10,456.00
59	511	CLASS C CONCRETE, ABUTMENT NOT INCLUDING FOOTING	107	C.Y.	\$400.00	\$42,800.00	\$330.00	\$35,310.00	\$450.00	\$48,150.00	\$400.00	\$42,800.00
60	511	CLASS C CONCRETE, FOOTING	72	C.Y.	\$250.00	\$18,000.00	\$215.00	\$15,480.00	\$275.00	\$19,800.00	\$250.00	\$18,000.00
61	512	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE)	169	S.Y.	\$11.00	\$1,859.00	\$12.00	\$2,028.00	\$12.50	\$2,112.50	\$12.00	\$2,028.00
62	512	TYPE 2 WATERPROOFING	18	S.Y.	\$20.00	\$360.00	\$18.00	\$324.00	\$25.00	\$450.00	\$20.00	\$360.00
63	516	1/2 INCH PREFORMED EXPANSION JOINT FILLER	17	S.F.	\$2.50	\$42.50	\$2.75	\$46.75	\$6.00	\$102.00	\$5.00	\$85.00
64	518	POROUS BACKFILL WITH FILTER FABRIC	79	C.Y.	\$55.00	\$4,345.00	\$58.00	\$4,582.00	\$50.00	\$3,950.00	\$75.00	\$5,925.00
65	518	6" PERFORATED CORRUGATED PLASTIC PIPE	86	L.F.	\$6.00	\$516.00	\$10.00	\$860.00	\$10.00	\$860.00	\$15.00	\$1,290.00
66	453	REINFORCED CONCRETE APPROACH SLABS (T=15"), A.P.P.	183	S.Y.	\$210.00	\$38,430.00	\$285.00	\$52,155.00	\$250.00	\$45,750.00	\$275.00	\$50,325.00
67	SPEC	CLASS HP MODIFIED CONCRETE , SUPERSTRUCTURE	35	C.Y.	\$700.00	\$24,500.00	\$1,245.00	\$43,575.00	\$750.00	\$26,250.00	\$950.00	\$33,250.00
68	SPEC	FORM LINER	876	S.F.	\$9.00	\$7,884.00	\$8.00	\$7,008.00	\$11.00	\$9,636.00	\$10.00	\$8,760.00

69	SPEC	STAINING CONCRETE SURFACES SLAB AT EXISTING BOX CULVERT	876	S.F.	\$2.50	\$2,190.00	\$5.75	\$5,037.00	\$5.50	\$4,818.00	\$5.50	\$4,818.00
70	503	UNCLASSIFIED EXCAVATION	11	C.Y.	\$25.00	\$275.00	\$30.00	\$330.00	\$60.00	\$660.00	\$35.00	\$385.00
71	509	EPOXY COATED REINFORCING STEEL	7637	POUND	\$0.90	\$6,873.30	\$1.00	\$7,637.00	\$1.00	\$7,637.00	\$1.00	\$7,637.00
72	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	54	EACH	\$27.80	\$1,501.20	\$16.50	\$891.00	\$20.00	\$1,080.00	\$10.00	\$540.00
73	511	CLASS S CONCRETE, SUPERSTRUCTURE	33	C.Y.	\$450.00	\$14,850.00	\$430.00	\$14,190.00	\$550.00	\$18,150.00	\$825.00	\$27,225.00
74	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	41	S.Y.	\$11.00	\$451.00	\$12.00	\$492.00	\$12.50	\$512.50	\$12.00	\$492.00
75	516	1/2 INCH PREFORMED EXPANSION JOINT FILLER	58	S.F.	\$2.50	\$145.00	\$2.75	\$159.50	\$5.00	\$290.00	\$6.00	\$348.00
DRAINAGE												
76	SPEC	PLUG EXISTING SCUPPERS	8	EACH	\$100.00	\$800.00	\$685.00	\$5,480.00	\$120.00	\$960.00	\$100.00	\$800.00
77	552	10" STORM SEWER, TYPE B, Class "B" Bedding	42	L.F.	\$28.00	\$1,176.00	\$47.00	\$1,974.00	\$35.00	\$1,470.00	\$42.00	\$1,764.00
78	552	12" STORM SEWER, TYPE A, Class "B" Bedding, As per plan	224	L.F.	\$40.00	\$8,960.00	\$75.00	\$16,800.00	\$75.00	\$16,800.00	\$60.00	\$13,440.00
79	552	12" STORM SEWER, TYPE B, Class "B" Bedding	293	L.F.	\$32.00	\$9,376.00	\$44.00	\$12,892.00	\$45.00	\$13,185.00	\$40.00	\$11,720.00
80	552	15" STORM SEWER, TYPE A, Class "B" Bedding	135	L.F.	\$48.00	\$6,480.00	\$37.00	\$4,995.00	\$50.00	\$6,750.00	\$45.00	\$6,075.00
81	552	15" STORM SEWER, TYPE B, Class "B" Bedding	418	L.F.	\$40.00	\$16,720.00	\$56.00	\$23,408.00	\$50.00	\$20,900.00	\$40.00	\$16,720.00
82	552	18" STORM SEWER, TYPE B, Class "B" Bedding	104	L.F.	\$53.00	\$5,512.00	\$68.00	\$7,072.00	\$55.00	\$5,720.00	\$50.00	\$5,200.00
83	562	MANHOLE NO. 2A	4	EACH	\$2,040.00	\$8,160.00	\$1,335.00	\$5,340.00	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00
84	562	MANHOLE NO. 2A, AS PER PLAN	1	EACH	\$3,300.00	\$3,300.00	\$2,575.00	\$2,575.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00
85	562	MANHOLE ADJUSTED BY USING ADJUSTMENT RING	1	EACH	\$450.00	\$450.00	\$527.00	\$527.00	\$600.00	\$600.00	\$500.00	\$500.00
86	563	INLET NO. 5	1	EACH	\$1,000.00	\$1,000.00	\$1,695.00	\$1,695.00	\$1,600.00	\$1,600.00	\$3,250.00	\$3,250.00
87	564	6" PIPE UNDERDRAIN	100	L.F.	\$2.00	\$200.00	\$11.00	\$1,100.00	\$12.00	\$1,200.00	\$15.00	\$1,500.00
88	601	ROCK CHANNEL PROTECTION, TYPE C	2	C.Y.	\$40.00	\$80.00	\$145.00	\$290.00	\$150.00	\$300.00	\$75.00	\$150.00
89	602	CONCRETE MASONRY	0.31	C.Y.	\$1,000.00	\$310.00	\$2,400.00	\$744.00	\$1,200.00	\$372.00	\$1,500.00	\$465.00
90	601	PAVED GUTTER, TYPE 1-2, AS PER PLAN	645	L.F.	\$30.00	\$19,350.00	\$33.00	\$21,285.00	\$40.00	\$25,800.00	\$32.00	\$20,640.00
91	603	8" SLOTTED DRAIN, TYPE 1	25	L.F.	\$80.00	\$2,000.00	\$270.00	\$6,750.00	\$150.00	\$3,750.00	\$170.00	\$4,250.00
92	604	INLET NO. 3, AS PER PLAN	1	EACH	\$3,000.00	\$3,000.00	\$5,800.00	\$5,800.00	\$6,000.00	\$6,000.00	\$3,800.00	\$3,800.00
93	604	SIDE DITCH INLET	3	EACH	\$750.00	\$2,250.00	\$1,125.00	\$3,375.00	\$1,000.00	\$3,000.00	\$675.00	\$2,025.00
94	604	CATCH BASIN NO. 2-2B	8	EACH	\$1,000.00	\$8,000.00	\$1,065.00	\$8,520.00	\$1,000.00	\$8,000.00	\$925.00	\$7,400.00
GUARDRAIL												
95	606	GUARDRAIL, TYPE 5	993.75	L.F.	\$11.50	\$11,428.13	\$13.00	\$12,918.75	\$17.50	\$17,390.63	\$19.00	\$18,881.25
96	606	ANCHOR ASSEMBLY, TYPE T	1	EACH	\$475.00	\$475.00	\$682.00	\$682.00	\$770.00	\$770.00	\$1,600.00	\$1,600.00
97	606	BRIDGE TERMINAL ASSEMBLY, TYPE 1	7	EACH	\$1,000.00	\$7,000.00	\$1,302.00	\$9,114.00	\$1,250.00	\$8,750.00	\$1,300.00	\$9,100.00
98	606	BRIDGE TERMINAL ASSEMBLY, TYPE 2	2	EACH	\$350.00	\$700.00	\$504.00	\$1,008.00	\$430.00	\$860.00	\$375.00	\$750.00
99	606	IMPACT ATTENUATOR, TYPE 2-98	1	EACH	\$16,500.00	\$16,500.00	\$20,700.00	\$20,700.00	\$13,750.00	\$13,750.00	\$20,000.00	\$20,000.00
MAINTAINANCE OF TRAFFIC												
100	613	UNIFORMED LAW ENFORCEMENT OFFICER	40	HOURLY	\$40.00	\$1,600.00	\$40.00	\$1,600.00	\$40.00	\$1,600.00	\$40.00	\$1,600.00
101	614	MAINTAINING TRAFFIC	1	L.S.	\$20,000.00	\$20,000.00	\$58,500.00	\$58,500.00	\$91,000.00	\$91,000.00	\$100,000.00	\$100,000.00
102	615	TEMPORARY PAVEMENT	435	S.Y.	\$30.00	\$13,050.00	\$45.00	\$19,575.00	\$75.00	\$32,625.00	\$70.00	\$30,450.00
103	616	WATER	26	MGAL	\$23.00	\$598.00	\$35.00	\$910.00	\$110.00	\$2,860.00	\$50.00	\$1,300.00
GENERAL												
104	103.05	CONTRACT PERFORMANCE BOND	1	L.S.	\$35,000.00	\$35,000.00	\$33,000.00	\$33,000.00	\$16,200.00	\$16,200.00	\$15,000.00	\$15,000.00

105	618		COMPUTER EQUIPMENT	1	LOWAN	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
106		619	FIELD OFFICE, TYPE B	1	L.S.	\$12,000.00	\$12,000.00	\$10,800.00	\$10,800.00	\$20,000.00	\$20,000.00	\$30,000.00	\$30,000.00
107	623		CONSTRUCTION LAYOUT STAKES	1	L.S.	\$7,500.00	\$7,500.00	\$17,000.00	\$17,000.00	\$35,000.00	\$35,000.00	\$90,000.00	\$90,000.00
108	624		MOBILIZATION	1	L.S.	\$50,000.00	\$50,000.00	\$54,000.00	\$54,000.00	\$100,000.00	\$100,000.00	\$54,000.00	\$54,000.00
			LIGHTING										
109	625		PULL BOX, 18", 713.08	9	EACH	\$595.00	\$5,355.00	\$785.00	\$7,065.00	\$630.00	\$5,670.00	\$480.00	\$4,320.00
110	625		CONDUIT, 3", 713.07	224	L.F.	\$15.00	\$3,360.00	\$26.00	\$5,824.00	\$10.50	\$2,352.00	\$4.00	\$896.00
111	625		CONDUIT, 2", 713.07	105	L.F.	\$12.00	\$1,260.00	\$13.00	\$1,365.00	\$9.50	\$997.50	\$3.00	\$315.00
112	625		NO. 4 AWG, 600-VOLT DISTRIBUTION CABLE	1054	L.F.	\$1.75	\$1,844.50	\$3.15	\$3,320.10	\$2.00	\$2,108.00	\$2.00	\$2,108.00
113	625		CONNECTOR KIT, TYPE II	9	EACH	\$68.00	\$612.00	\$160.00	\$1,440.00	\$140.00	\$1,260.00	\$80.00	\$720.00
114	625		1-1/2" DUCT CABLE WITH 2 NO. 4 AWG, 600 VOLT CABLES	391	L.F.	\$5.00	\$1,955.00	\$21.00	\$8,211.00	\$4.10	\$1,603.10	\$8.00	\$3,128.00
			SIGNAGE AND PAVEMENT MARKINGS										
115	SPEC		MAINTAIN EXISTING LIGHTING	1	L.S.	\$2,500.00	\$2,500.00	\$3,612.00	\$3,612.00	\$7,500.00	\$7,500.00	\$6,000.00	\$6,000.00
116	621		STOP LINES	5	L.F.	\$15.00	\$75.00	\$10.50	\$52.50	\$10.00	\$50.00	\$40.00	\$200.00
117	621		CENTER LINES, TYPE 1 (SINGLE STRIPE)	260	L.F.	\$1.00	\$260.00	\$3.15	\$819.00	\$1.00	\$260.00	\$4.00	\$1,040.00
118	630		SIGN, FLAT SHEET TYPE G	42	S.F.	\$13.62	\$572.04	\$17.00	\$714.00	\$15.00	\$630.00	\$13.00	\$546.00
119	630		GROUND MOUNTED SIGN SUPPORT, NO. 2 POST	102	L.F.	\$5.50	\$561.00	\$6.85	\$698.70	\$10.00	\$1,020.00	\$5.00	\$510.00
120	630		REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	2	EACH	\$750.00	\$1,500.00	\$68.25	\$136.50	\$40.00	\$80.00	\$60.00	\$120.00
			LANDSCAPING										
121	653		TOPSOIL FURNISHED AND PLACED, 4" THICK	935	S.Y.	\$10.00	\$9,350.00	\$0.85	\$794.75	\$5.00	\$4,675.00	\$4.00	\$3,740.00
122	659		LAWN SEEDING AND MULCHING, AS PER PLAN	7810	S.Y.	\$0.87	\$6,794.70	\$0.80	\$6,248.00	\$1.20	\$9,372.00	\$1.00	\$7,810.00
123	659		WILDFLOWER SEEDING AND MULCHING - PART SHADE ROADSIDE MIX, ERNMX-140, ERNST SEED COMPANY, MEADVILLE, PA OR APPROVED EQUAL	65	S.Y.	\$2.00	\$130.00	\$1.00	\$65.00	\$4.10	\$266.50	\$10.00	\$650.00
124	659		WILDFLOWER SEEDING AND MULCHING - LOW GROWING MEADOW MIX, ERNMX-156, ERNST SEED COMPANY, MEADVILLE, PA OR APPROVED EQUAL	75	S.Y.	\$2.00	\$150.00	\$1.00	\$75.00	\$2.75	\$206.25	\$10.00	\$750.00
125	661		PLANTING PERENNIALS, ACHILLEA MILLEFOLIUM, COMMON YARROW INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	26	EACH	\$12.50	\$325.00	\$12.60	\$327.60	\$10.00	\$260.00	\$13.00	\$338.00
126	661		PLANTING PERENNIALS, ASCLEPIAS TUBEROSA, BUTTERFLY WEED INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	20	EACH	\$12.50	\$250.00	\$12.60	\$252.00	\$12.00	\$240.00	\$13.00	\$260.00
127	661		PLANTING PERENNIALS, RUDBECKIA "GOLDSTRUM," BLACK-EYED SUSAN INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	105	EACH	\$12.50	\$1,312.50	\$12.60	\$1,323.00	\$10.00	\$1,050.00	\$13.00	\$1,365.00

128	661	PLANTING PERENNIALS, LIRIOPE SPICATA, LILLYTURF INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	132	EACH	\$12.50	\$1,650.00	\$12.60	\$1,663.20	\$10.00	\$1,320.00	\$13.00	\$1,716.00
129	661	PLANTING PERENNIALS, NEPETA FAASSENII, CATMINT INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	73	EACH	\$12.50	\$912.50	\$12.60	\$919.80	\$10.00	\$730.00	\$13.00	\$949.00
130	662	PLANTING SHRUBS, CORNUS SERICEA, RED OSIER DOGWOOD INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	29	EACH	\$42.50	\$1,232.50	\$33.60	\$974.40	\$30.00	\$870.00	\$35.00	\$1,015.00
131	662	PLANTING SHRUBS, HAMAMELIS VIRGINIANA, COMMON WITCH HAZEL INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	12	EACH	\$75.00	\$900.00	\$51.60	\$619.20	\$37.00	\$444.00	\$50.00	\$600.00
132	662	PLANTING SHRUBS, MYRICA PENSYLVANICA, NORTHERN BAYBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	32	EACH	\$53.00	\$1,696.00	\$35.60	\$1,139.20	\$33.00	\$1,056.00	\$52.00	\$1,664.00
133	662	PLANTING SHRUBS, FORSYTHIA X INTERMEDIA, COMMON FORSYTHIA INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	17	EACH	\$42.50	\$722.50	\$37.60	\$639.20	\$30.00	\$510.00	\$45.00	\$765.00
134	662	PLANTING SHRUBS, ARONIA ARBUTIFOLIA "BRILLIANTISSIMA," BRILLIANT RED CHOKEBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	16	EACH	\$42.50	\$680.00	\$35.60	\$569.60	\$41.00	\$656.00	\$40.00	\$640.00
135	662	PLANTING SHRUBS, DIERVILLA LONICERA, DWARF BUSH HONEYSUCKLE INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	99	EACH	\$42.50	\$4,207.50	\$35.60	\$3,524.40	\$37.00	\$3,663.00	\$40.00	\$3,960.00
136	662	PLANTING SHRUBS, CEANOTHUS AMERICANUS, NEW JERSEY TEA INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	26	EACH	\$42.50	\$1,105.00	\$44.00	\$1,144.00	\$37.00	\$962.00	\$40.00	\$1,040.00
137	662	PLANTING SHRUBS, RHUS AROMATIC "GRO-LOW," GRO-LOW FRAGRANT SUMAC INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	183	EACH	\$42.50	\$7,777.50	\$31.50	\$5,764.50	\$32.00	\$5,856.00	\$40.00	\$7,320.00

138	663	TREES, AMELANCHIER CANADENSIS, SHADBLOW SERVICEBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	2	EACH	\$250.00	\$500.00	\$210.00	\$420.00	\$240.00	\$480.00	\$300.00	\$600.00
139	663	TREES, CERCIS CANADENSIS, REDBUD INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	5	EACH	\$325.00	\$1,625.00	\$210.00	\$1,050.00	\$240.00	\$1,200.00	\$300.00	\$1,500.00
140	663	TREES, QUERCUS MACROCARPA, BURR OAK INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	4	EACH	\$425.00	\$1,700.00	\$320.25	\$1,281.00	\$400.00	\$1,600.00	\$350.00	\$1,400.00
141	663	TREES, SYRINGA PEKINENSIS, PEKING TREE LILAC INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	12	EACH	\$375.00	\$4,500.00	\$241.50	\$2,898.00	\$280.00	\$3,360.00	\$330.00	\$3,960.00
142	664	TREES, CRATAEGUS CRUSGALLI INERMIS, THORNLESS COCKSPUR HAWTHORNE INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	10	EACH	\$325.00	\$3,250.00	\$189.00	\$1,890.00	\$280.00	\$2,800.00	\$300.00	\$3,000.00
143	668	SEEDING AND EXCELSIOR MATTING	1422	S.Y.	\$2.80	\$3,981.60	\$2.20	\$3,128.40	\$2.50	\$3,555.00	\$2.00	\$2,844.00
144	669	PROTECTING TREES	1	L.S.	\$500.00	\$500.00	\$600.00	\$600.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
145	SPEC	LANDSCAPE BOULDERS - GENERAL DIMENSIONS-MIXED 2'X2' TO 4'X4' SURFACE AREA BY 2' THICK	16	TON	\$150.00	\$2,400.00	\$126.00	\$2,016.00	\$175.00	\$2,800.00	\$157.00	\$2,512.00
146	SPEC	MULCH ON PLANT BEDS	130	C.Y.	\$40.00	\$5,200.00	\$35.00	\$4,550.00	\$50.00	\$6,500.00	\$45.00	\$5,850.00
147	SPEC	WOOD BOLLARDS	2	EACH	\$300.00	\$600.00	\$89.00	\$178.00	\$120.00	\$240.00	\$300.00	\$600.00
148	SPEC	COLLAPSIBLE WOOD BOLLARD	1	EACH	\$400.00	\$400.00	\$670.00	\$670.00	\$800.00	\$800.00	\$600.00	\$600.00
149	SPEC	STEEL RAILING, TYPE A	427	L.F.	\$40.00	\$17,080.00	\$176.00	\$75,152.00	\$170.00	\$72,590.00	\$180.00	\$76,860.00
150	SPEC	STEEL RAILING, TYPE B	487	L.F.	\$40.00	\$19,480.00	\$181.00	\$88,147.00	\$160.00	\$77,920.00	\$170.00	\$82,790.00
151	SPEC	STEEL RAILING, TYPE C	478	L.F.	\$20.00	\$9,560.00	\$165.00	\$78,870.00	\$95.00	\$45,410.00	\$100.00	\$47,800.00
152	SPEC	TIMBER RAILING	159	L.F.	\$35.00	\$5,565.00	\$50.00	\$7,950.00	\$50.00	\$7,950.00	\$50.00	\$7,950.00
153	SPEC	INTERPRETIVE EXHIBIT	1	EACH	\$3,000.00	\$3,000.00	\$2,900.00	\$2,900.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00

TOTAL CONSTRUCTION COSTS						\$2,618,925.27	\$3,599,557.55	\$3,651,470.23	\$3,660,006.00
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+/- ENGINEER'S ESTIMATE							+37.4%	+39.4%	+39.8%
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* Did not use City provided Bidding Schedule, Reference #44 quantity incorrect in bid book

BID TAB FOR: Cascade Locks Phase IIA
 BID DATE: March 1, 2007

FILE NO. 2004-079-00
 B04026.B04026

REF. NO.	ITEM NO. AKRON	ITEM NO. ODOT	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	7. H. M. Miller Construction PRICE	7. H. M. Miller Construction AMOUNT
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ROADWAY

1	201	CLEARING AND GRUBBING	1	L.S.	\$23,000.00	\$23,000.00	\$35,000.00	\$35,000.00
2	202	PAVEMENT REMOVED	373	S.Y.	\$5.00	\$1,865.00	\$5.00	\$1,865.00
3	202	GUARDRAIL REMOVED	231	L.F.	\$2.25	\$519.75	\$2.50	\$577.50
4	202	GUTTER REMOVED	265	L.F.	\$6.00	\$1,590.00	\$6.00	\$1,590.00
5	202	PIPE REMOVED 24" AND UNDER	287	L.F.	\$10.00	\$2,870.00	\$10.00	\$2,870.00
6	202	CATCH BASIN REMOVED	2	EACH	\$250.00	\$500.00	\$250.00	\$500.00
7	202	FENCE REMOVED	83	L.F.	\$2.75	\$228.25	\$2.75	\$228.25
8	203	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	2705	C.Y.	\$6.00	\$16,230.00	\$15.00	\$40,575.00
9	203	EMBANKMENT	3434	C.Y.	\$7.00	\$24,038.00	\$21.00	\$72,114.00
10	203	SUBGRADE COMPACTION	3273	S.Y.	\$1.20	\$3,927.60	\$1.50	\$4,909.50
11	203	PROOF ROLLING	4	HR	\$100.00	\$400.00	\$100.00	\$400.00
12	207	STRAW OR HAY BALES	10	EACH	\$5.00	\$50.00	\$5.00	\$50.00
13	207	FILTER FABRIC FENCE	1900	L.F.	\$1.25	\$2,375.00	\$1.50	\$2,850.00
14	207	TEMPORARY SEEDING AND MULCHING	725	S.Y.	\$0.50	\$362.50	\$0.50	\$362.50
15	304	AGGREGATE BASE	668	C.Y.	\$31.50	\$21,042.00	\$45.00	\$30,060.00
16	448	ASPHALT CONCRETE, VARIABLE THICKNESS	10	C.Y.	\$85.00	\$850.00	\$180.00	\$1,800.00
17	301	4" BITUMINOUS AGGREGATE BASE	262	C.Y.	\$120.00	\$31,440.00	\$132.00	\$34,584.00
18	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22	125	C.Y.	\$135.00	\$16,875.00	\$170.00	\$21,250.00
19	451	9" REINFORCED CONCRETE PAVEMENT	523	S.Y.	\$47.00	\$24,581.00	\$55.00	\$28,765.00
20	454	CONCRETE BARRIER	182	L.F.	\$105.00	\$19,110.00	\$110.00	\$20,020.00
21	455	CURB, TYPE 6" X 18"	100	L.F.	\$23.00	\$2,300.00	\$25.00	\$2,500.00
22	609	ENGINEERING GEOGRID FOR ROADWAYS	3290	S.Y.	\$4.21	\$13,850.90	\$4.25	\$13,982.50

RETAINING WALLS

23	503	COFFERDAMS, CRIBS AND SHEETING, AS PER PLAN	1	L.S.	\$5,000.00	\$5,000.00	\$60,000.00	\$60,000.00
24	503	UNCLASSIFIED EXCAVATION	2920	C.Y.	\$25.00	\$73,000.00	\$25.00	\$73,000.00
25	509	EPOXY COATED REINFORCING STEEL	80056	POUND	\$0.90	\$72,050.40	\$1.11	\$88,862.16
26	511	CLASS C CONCRETE, AS PER PLAN	542	C.Y.	\$400.00	\$216,800.00	\$950.00	\$514,900.00
27	511	CLASS C CONCRETE, FOOTING	594	C.Y.	\$250.00	\$148,500.00	\$385.00	\$228,690.00
28	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	1370	S.Y.	\$11.00	\$15,070.00	\$13.00	\$17,810.00
29	516	1" PREFORMED EXPANSION JOINT FILLER	318	S.Y.	\$4.00	\$1,272.00	\$5.00	\$1,590.00
30	518	POROUS BACKFILL WITH FILTER FABRIC	487	C.Y.	\$55.00	\$26,785.00	\$5.10	\$2,483.70
31	518	6" PERFORATED CORRUGATED PLASTIC PIPE	933	L.F.	\$7.00	\$6,531.00	\$13.00	\$12,129.00
32	518	6" NON- PERFORATED CORRUGATED PLASTIC PIPE	140	L.F.	\$11.00	\$1,540.00	\$11.00	\$1,540.00
33	SPEC	FORM LINER	8367	S.F.	\$9.00	\$75,303.00	\$5.10	\$42,671.70
34	SPEC	STAINING CONCRETE SURFACES	8367	S.F.	\$2.50	\$20,917.50	\$5.50	\$46,018.50

BIKEWAY BRIDGE OVER S.R. 59

35	453	REINFORCED CONCRETE APPROACH SLABS(T=11") A.P.PLAN	23	S.Y.	\$230.00	\$5,290.00	\$225.00	\$5,175.00
36	453	REINFORCED CONCRETE APPROACH SLABS(T=13") A.P.PLAN	39	S.Y.	\$260.00	\$10,140.00	\$200.00	\$7,800.00

37	503	COFFERDAMS, CRIBS AND SHEETING, A.P.P.	1	L.S.	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
38	503	UNCLASSIFIED EXCAVATION	433	C.Y.	\$25.00	\$10,825.00	\$25.00	\$10,825.00
39	505	PILE DRIVING EQUIPMENT MOBILIZATION	1	L.S.	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
40	507	STEEL PILES, HP10x42	1765	L.F.	\$29.50	\$52,067.50	\$32.00	\$56,480.00
41	509	EPOXY COATED REINFORCING STEEL	41010	POUND	\$0.90	\$36,909.00	\$1.29	\$52,902.90
42	511	CLASS C CONCRETE, PIER ABOVE FOOTINGS	146	C.Y.	\$400.00	\$58,400.00	\$585.00	\$85,410.00
43	511	CLASS C CONCRETE, ABUTMENT NOT INCLUDING FOOTING	185	C.Y.	\$400.00	\$74,000.00	\$615.00	\$113,775.00
44	511	CLASS C CONCRETE, FOOTING	213	C.Y.	\$250.00	\$53,250.00	\$360.00	\$76,680.00
45	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	814	S.Y.	\$11.00	\$8,954.00	\$13.00	\$10,582.00
46	512	TYPE 2 WATERPROOFING	14	S.Y.	\$20.00	\$280.00	\$20.00	\$280.00
47	516	1" PREFORMED EXPANSION JOINT FILLER	84	S.F.	\$4.00	\$336.00	\$5.00	\$420.00
48	518	POROUS BACKFILL WITH FILTER FABRIC	123	C.Y.	\$55.00	\$6,765.00	\$48.00	\$5,904.00
49	518	6" PERFORATED CORRUGATED PLASTIC PIPE	122	L.F.	\$7.00	\$854.00	\$13.00	\$1,586.00
50	518	6" NON- PERFORATED CORRUGATED PLASTIC PIPE	30	L.F.	\$11.00	\$330.00	\$11.00	\$330.00
51	601	CRUSHED AGGREGATE SLOPE PROTECTION	143	S.Y.	\$25.00	\$3,575.00	\$25.00	\$3,575.00
52	SPEC	CLASS HP MODIFIED CONCRETE, SUPERSTRUCTURE	66	C.Y.	\$700.00	\$46,200.00	\$590.00	\$38,940.00
53	SPEC	PRE-ENGINEERED BRIDGE	1	L.S.	\$750,000.00	\$750,000.00	\$750,000.00	\$750,000.00
54	SPEC	FORM LINER	1061	S.F.	\$9.00	\$9,549.00	\$5.10	\$5,411.10
55	SPEC	STAINING CONCRETE SURFACES	1061	S.F.	\$2.50	\$2,652.50	\$5.50	\$5,835.50
RAMP E BRIDGE OVER BIKEWAY								
56	503	COFFERDAMS, CRIBS AND SHEETING, A.P.P.	1	L.S.	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
57	503	UNCLASSIFIED EXCAVATION	399	C.Y.	\$25.00	\$9,975.00	\$25.00	\$9,975.00
58	509	EPOXY COATED REINFORCING STEEL	10456	POUND	\$0.90	\$9,410.40	\$1.29	\$13,488.24
59	511	CLASS C CONCRETE, ABUTMENT NOT INCLUDING FOOTING	107	C.Y.	\$400.00	\$42,800.00	\$425.00	\$45,475.00
60	511	CLASS C CONCRETE, FOOTING	72	C.Y.	\$250.00	\$18,000.00	\$450.00	\$32,400.00
61	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	169	S.Y.	\$11.00	\$1,859.00	\$13.00	\$2,197.00
62	512	TYPE 2 WATERPROOFING	18	S.Y.	\$20.00	\$360.00	\$20.00	\$360.00
63	516	1/2 INCH PREFORMED EXPANSION JOINT FILLER	17	S.F.	\$2.50	\$42.50	\$40.00	\$680.00
64	518	POROUS BACKFILL WITH FILTER FABRIC	79	C.Y.	\$55.00	\$4,345.00	\$48.00	\$3,792.00
65	518	6" PERFORATED CORRUGATED PLASTIC PIPE	86	L.F.	\$6.00	\$516.00	\$13.00	\$1,118.00
66	453	REINFORCED CONCRETE APPROACH SLABS (T=15"), A.P.P.	183	S.Y.	\$210.00	\$38,430.00	\$225.00	\$41,175.00
67	SPEC	CLASS HP MODIFIED CONCRETE , SUPERSTRUCTURE	35	C.Y.	\$700.00	\$24,500.00	\$1,400.00	\$49,000.00
68	SPEC	FORM LINER	876	S.F.	\$9.00	\$7,884.00	\$5.10	\$4,467.60
69	SPEC	STAINING CONCRETE SURFACES	876	S.F.	\$2.50	\$2,190.00	\$5.50	\$4,818.00
SLAB AT EXISTING BOX CULVERT								
70	503	UNCLASSIFIED EXCAVATION	11	C.Y.	\$25.00	\$275.00	\$25.00	\$275.00
71	509	EPOXY COATED REINFORCING STEEL	7637	POUND	\$0.90	\$6,873.30	\$1.29	\$9,851.73

72	510		DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	54	EACH	\$27.80	\$1,501.20	\$15.00	\$810.00
73	511		CLASS S CONCRETE, SUPERSTRUCTURE	33	C.Y.	\$450.00	\$14,850.00	\$625.00	\$20,625.00
74		512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	41	S.Y.	\$11.00	\$451.00	\$13.00	\$533.00
75	516		1/2 INCH PREFORMED EXPANSION JOINT FILLER	58	S.F.	\$2.50	\$145.00	\$4.00	\$232.00
			DRAINAGE						
76	SPEC		PLUG EXISTING SCUPPERS	8	EACH	\$100.00	\$800.00	\$250.00	\$2,000.00
77	552		10" STORM SEWER, TYPE B, Class "B" Bedding	42	L.F.	\$28.00	\$1,176.00	\$35.00	\$1,470.00
78	552		12" STORM SEWER, TYPE A, Class "B" Bedding, As per plan	224	L.F.	\$40.00	\$8,960.00	\$60.00	\$13,440.00
79	552		12" STORM SEWER, TYPE B, Class "B" Bedding	293	L.F.	\$32.00	\$9,376.00	\$35.00	\$10,255.00
80	552		15" STORM SEWER, TYPE A, Class "B" Bedding	135	L.F.	\$48.00	\$6,480.00	\$61.00	\$8,235.00
81	552		15" STORM SEWER, TYPE B, Class "B" Bedding	418	L.F.	\$40.00	\$16,720.00	\$40.00	\$16,720.00
82	552		18" STORM SEWER, TYPE B, Class "B" Bedding	104	L.F.	\$53.00	\$5,512.00	\$45.00	\$4,680.00
83	562		MANHOLE NO. 2A	4	EACH	\$2,040.00	\$8,160.00	\$3,000.00	\$12,000.00
84	562		MANHOLE NO. 2A, AS PER PLAN	1	EACH	\$3,300.00	\$3,300.00	\$2,500.00	\$2,500.00
85	562		MANHOLE ADJUSTED BY USING ADJUSTMENT RING	1	EACH	\$450.00	\$450.00	\$275.00	\$275.00
86	563		INLET NO. 5	1	EACH	\$1,000.00	\$1,000.00	\$1,700.00	\$1,700.00
87	564		6" PIPE UNDERDRAIN	100	L.F.	\$2.00	\$200.00	\$10.00	\$1,000.00
88	601		ROCK CHANNEL PROTECTION, TYPE C	2	C.Y.	\$40.00	\$80.00	\$122.00	\$244.00
89	602		CONCRETE MASONRY	0.31	C.Y.	\$1,000.00	\$310.00	\$1,000.00	\$310.00
90		601	PAVED GUTTER, TYPE 1-2, AS PER PLAN	645	L.F.	\$30.00	\$19,350.00	\$32.00	\$20,640.00
91		603	8" SLOTTED DRAIN, TYPE 1	25	L.F.	\$80.00	\$2,000.00	\$92.00	\$2,300.00
92		604	INLET NO. 3, AS PER PLAN	1	EACH	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
93		604	SIDE DITCH INLET	3	EACH	\$750.00	\$2,250.00	\$850.00	\$2,550.00
94		604	CATCH BASIN NO. 2-2B	8	EACH	\$1,000.00	\$8,000.00	\$850.00	\$6,800.00
			GUARDRAIL						
95	606		GUARDRAIL, TYPE 5	993.75	L.F.	\$11.50	\$11,428.13	\$12.50	\$12,421.88
96	606		ANCHOR ASSEMBLY, TYPE T	1	EACH	\$475.00	\$475.00	\$525.00	\$525.00
97	606		BRIDGE TERMINAL ASSEMBLY, TYPE 1	7	EACH	\$1,000.00	\$7,000.00	\$1,085.00	\$7,595.00
98	606		BRIDGE TERMINAL ASSEMBLY, TYPE 2	2	EACH	\$350.00	\$700.00	\$425.00	\$850.00
99	606		IMPACT ATTENUATOR, TYPE 2-98	1	EACH	\$16,500.00	\$16,500.00	\$22,000.00	\$22,000.00
			MAINTAINANCE OF TRAFFIC						
100	613		UNIFORMED LAW ENFORCEMENT OFFICER	40	HOUR	\$40.00	\$1,600.00	\$40.00	\$1,600.00
101	614		MAINTAINING TRAFFIC	1	L.S.	\$20,000.00	\$20,000.00	\$60,000.00	\$60,000.00
102	615		TEMPORARY PAVEMENT	435	S.Y.	\$30.00	\$13,050.00	\$35.00	\$15,225.00
103	616		WATER	26	MGAL	\$23.00	\$598.00	\$25.00	\$650.00
			GENERAL						
104	103.05		CONTRACT PERFORMANCE BOND	1	L.S.	\$35,000.00	\$35,000.00	\$50,000.00	\$50,000.00
105	618		COMPUTER EQUIPMENT	1	LOWAN	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
106		619	FIELD OFFICE, TYPE B	1	L.S.	\$12,000.00	\$12,000.00	\$18,000.00	\$18,000.00
107	623		CONSTRUCTION LAYOUT STAKES	1	L.S.	\$7,500.00	\$7,500.00	\$30,000.00	\$30,000.00
108	624		MOBILIZATION	1	L.S.	\$50,000.00	\$50,000.00	\$140,000.00	\$140,000.00

LIGHTING

109	625	PULL BOX, 18", 713.08	9	EACH	\$595.00	\$5,355.00	\$750.00	\$6,750.00
110	625	CONDUIT, 3", 713.07	224	L.F.	\$15.00	\$3,360.00	\$30.00	\$6,720.00
111	625	CONDUIT, 2", 713.07	105	L.F.	\$12.00	\$1,260.00	\$28.00	\$2,940.00
112	625	NO. 4 AWG, 600-VOLT DISTRIBUTION CABLE	1054	L.F.	\$1.75	\$1,844.50	\$3.00	\$3,162.00
113	625	CONNECTOR KIT, TYPE II	9	EACH	\$68.00	\$612.00	\$75.00	\$675.00
114	625	1-1/2" DUCT CABLE WITH 2 NO. 4 AWG, 600 VOLT CABLES	391	L.F.	\$5.00	\$1,955.00	\$25.00	\$9,775.00

SIGNAGE AND PAVEMENT MARKINGS

115	SPEC	MAINTAIN EXISTING LIGHTING	1	L.S.	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00
116	621	STOP LINES	5	L.F.	\$15.00	\$75.00	\$10.00	\$50.00
117	621	CENTER LINES, TYPE 1 (SINGLE STRIPE)	260	L.F.	\$1.00	\$260.00	\$3.00	\$780.00
118	630	SIGN, FLAT SHEET TYPE G	42	S.F.	\$13.62	\$572.04	\$15.00	\$630.00
119	630	GROUND MOUNTED SIGN SUPPORT, NO. 2 POST	102	L.F.	\$5.50	\$561.00	\$6.50	\$663.00
120	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	2	EACH	\$750.00	\$1,500.00	\$750.00	\$1,500.00

LANDSCAPING

121	653	TOPSOIL FURNISHED AND PLACED, 4" THICK	935	S.Y.	\$10.00	\$9,350.00	\$5.00	\$4,675.00
122	659	LAWN SEEDING AND MULCHING, AS PER PLAN	7810	S.Y.	\$0.87	\$6,794.70	\$0.90	\$7,029.00
123	659	WILDFLOWER SEEDING AND MULCHING - PART SHADE ROADSIDE MIX, ERNMX-140, ERNST SEED COMPANY, MEADVILLE, PA OR APPROVED EQUAL	65	S.Y.	\$2.00	\$130.00	\$2.00	\$130.00
124	659	WILDFLOWER SEEDING AND MULCHING - LOW GROWING MEADOW MIX, ERNMX-156, ERNST SEED COMPANY, MEADVILLE, PA OR APPROVED EQUAL	75	S.Y.	\$2.00	\$150.00	\$1.00	\$75.00
125	661	PLANTING PERENNIALS, ACHILLEA MILLEFOLIUM, COMMON YARROW INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	26	EACH	\$12.50	\$325.00	\$9.00	\$234.00
126	661	PLANTING PERENNIALS, ASCLEPIAS TUBEROSA, BUTTERFLY WEED INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	20	EACH	\$12.50	\$250.00	\$9.00	\$180.00
127	661	PLANTING PERENNIALS, RUDBECKIA "GOLDSTRUM," BLACK-EYED SUSAN INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	105	EACH	\$12.50	\$1,312.50	\$9.00	\$945.00
128	661	PLANTING PERENNIALS, LIRIOPE SPICATA, LILLYTURF INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	132	EACH	\$12.50	\$1,650.00	\$8.00	\$1,056.00

129	661	PLANTING PERENNIALS, NEPETA FAASSENII, CATMINT INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	73	EACH	\$12.50	\$912.50	\$9.00	\$657.00
130	662	PLANTING SHRUBS, CORNUS SERICEA, RED OSIER DOGWOOD INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	29	EACH	\$42.50	\$1,232.50	\$33.00	\$957.00
131	662	PLANTING SHRUBS, HAMAMELIS VIRGINIANA, COMMON WITCH HAZEL INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	12	EACH	\$75.00	\$900.00	\$55.00	\$660.00
132	662	PLANTING SHRUBS, MYRICA PENNSYLVANICA, NORTHERN BAYBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	32	EACH	\$53.00	\$1,696.00	\$45.00	\$1,440.00
133	662	PLANTING SHRUBS, FORSYTHIA X INTERMEDIA, COMMON FORSYTHIA INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	17	EACH	\$42.50	\$722.50	\$35.00	\$595.00
134	662	PLANTING SHRUBS, ARONIA ARBUTIFOLIA "BRILLIANTISSIMA," BRILLIANT RED CHOKEBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	16	EACH	\$42.50	\$680.00	\$36.00	\$576.00
135	662	PLANTING SHRUBS, DIERVILLA LONICERA, DWARF BUSH HONEYSUCKLE INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	99	EACH	\$42.50	\$4,207.50	\$35.00	\$3,465.00
136	662	PLANTING SHRUBS, CEANOTHUS AMERICANUS, NEW JERSEY TEA INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	26	EACH	\$42.50	\$1,105.00	\$35.00	\$910.00
137	662	PLANTING SHRUBS, RHUS AROMATIC "GRO-LOW," GRO-LOW FRAGRANT SUMAC INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	183	EACH	\$42.50	\$7,777.50	\$33.00	\$6,039.00
138	663	TREES, AMELANCHIER CANADENSIS, SHADBLOW SERVICEBERRY INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	2	EACH	\$250.00	\$500.00	\$130.00	\$260.00

139	663	TREES, CERCIS CANADENSIS, REDBUD INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	5	EACH	\$325.00	\$1,625.00	\$198.00	\$990.00
140	663	TREES, QUERCUS MACROCARPA, BURR OAK INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	4	EACH	\$425.00	\$1,700.00	\$376.00	\$1,504.00
141	663	TREES, SYRINGA PEKINENSIS, PEKING TREE LILAC INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	12	EACH	\$375.00	\$4,500.00	\$280.00	\$3,360.00
142	664	TREES, CRATAEGUS CRUSGALLI INERMIS, THORNLESS COCKSPUR HAWTHORNE INCLUDING ALL LABOR, MATERIALS FOR INSTALLATION OF PLANTS AND PLANT MIX ADDITIVES.	10	EACH	\$325.00	\$3,250.00	\$250.00	\$2,500.00
143	668	SEEDING AND EXCELSIOR MATTING	1422	S.Y.	\$2.80	\$3,981.60	\$2.90	\$4,123.80
144	669	PROTECTING TREES	1	L.S.	\$500.00	\$500.00	\$1,000.00	\$1,000.00
145	SPEC	LANDSCAPE BOULDERS - GENERAL DIMENSIONS- MIXED 2'X2' TO 4'X4' SURFACE AREA BY 2' THICK	16	TON	\$150.00	\$2,400.00	\$420.00	\$6,720.00
146	SPEC	MULCH ON PLANT BEDS	130	C.Y.	\$40.00	\$5,200.00	\$50.00	\$6,500.00
147	SPEC	WOOD BOLLARDS	2	EACH	\$300.00	\$600.00	\$300.00	\$600.00
148	SPEC	COLLAPSIBLE WOOD BOLLARD	1	EACH	\$400.00	\$400.00	\$1,500.00	\$1,500.00
149	SPEC	STEEL RAILING, TYPE A	427	L.F.	\$40.00	\$17,080.00	\$180.00	\$76,860.00
150	SPEC	STEEL RAILING, TYPE B	487	L.F.	\$40.00	\$19,480.00	\$180.00	\$87,660.00
151	SPEC	STEEL RAILING, TYPE C	478	L.F.	\$20.00	\$9,560.00	\$155.00	\$74,090.00
152	SPEC	TIMBER RAILING	159	L.F.	\$35.00	\$5,565.00	\$50.00	\$7,950.00
153	SPEC	INTERPRETIVE EXHIBIT	1	EACH	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00

TOTAL CONSTRUCTION COSTS

\$2,618,925.27

\$3,729,604.06

+/- ENGINEER'S ESTIMATE

+42.4%

* Did not use City provided Bidding Schedule, Reference #44 quantity incorrect in bid book