

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Karvo Paving		2. Kenmore Construction		*3. Liberta Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$100,000.00	\$100,000.00	\$130,000.00	\$130,000.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$14,500.00	\$14,500.00	\$25,000.00	\$25,000.00	\$15,225.00	\$15,225.00
3	201	Trees Removed, 18 inches	78	EACH	\$600.00	\$46,800.00	\$100.00	\$7,800.00	\$100.00	\$7,800.00	\$105.00	\$8,190.00
4	201	Trees Removed, 30 inches	11	EACH	\$950.00	\$10,450.00	\$500.00	\$5,500.00	\$350.00	\$3,850.00	\$525.00	\$5,775.00
5	201	Trees Removed, 48 inches	2	EACH	\$1,300.00	\$2,600.00	\$3,000.00	\$6,000.00	\$3,500.00	\$7,000.00	\$3,150.00	\$6,300.00
6	202	Inlet Removed	40	EACH	\$500.00	\$20,000.00	\$425.00	\$17,000.00	\$150.00	\$6,000.00	\$100.00	\$4,000.00
7	202	Pipe Removed, 12 inch	1085	L.F.	\$12.00	\$13,020.00	\$23.00	\$24,955.00	\$10.00	\$10,850.00	\$10.00	\$10,850.00
8	202	Pipe Removed, 15 inch	165	L.F.	\$12.00	\$1,980.00	\$30.00	\$4,950.00	\$15.00	\$2,475.00	\$10.00	\$1,650.00
9	202	Pipe Abandoned, 12 inch	543	L.F.	\$12.00	\$6,516.00	\$7.85	\$4,262.55	\$10.00	\$5,430.00	\$1.00	\$543.00
10	202	Pipe Abandoned, 15 inch	83	L.F.	\$12.00	\$996.00	\$13.50	\$1,120.50	\$12.00	\$996.00	\$1.00	\$83.00
11	202	Brick Pavement Removed & Palletized	633	S.Y.	\$35.00	\$22,155.00	\$8.45	\$5,348.85	\$13.00	\$8,229.00	\$35.00	\$22,155.00
12	202	Granite and/or Stone Curb Removed & Palletized	250	L.F.	\$20.00	\$5,000.00	\$11.25	\$2,812.50	\$10.00	\$2,500.00	\$13.00	\$3,250.00
13	203	Excavation Including Embankment Construction	17431	C.Y.	\$21.00	\$366,051.00	\$18.75	\$326,831.25	\$18.00	\$313,758.00	\$22.00	\$383,482.00
14	252	Trenches for Water Services in Earth	1100	L.F.	\$25.00	\$27,500.00	\$26.85	\$29,535.00	\$25.00	\$27,500.00	\$22.00	\$24,200.00
15	254	6" Ductile Iron Pipe	150	L.F.	\$100.00	\$15,000.00	\$145.00	\$21,750.00	\$94.00	\$14,100.00	\$115.00	\$17,250.00
16	254	12" Ductile Iron Pipe	2025	L.F.	\$180.00	\$364,500.00	\$92.00	\$186,300.00	\$116.00	\$234,900.00	\$125.00	\$253,125.00
17	258	6" Gate Valve	6	EACH	\$1,000.00	\$6,000.00	\$700.00	\$4,200.00	\$800.00	\$4,800.00	\$752.50	\$4,515.00
18	258	12" Gate Valve	3	EACH	\$1,500.00	\$4,500.00	\$1,900.00	\$5,700.00	\$2,000.00	\$6,000.00	\$1,856.00	\$5,568.00
19	259	6" Cap	4	EACH	\$150.00	\$600.00	\$140.00	\$560.00	\$100.00	\$400.00	\$139.00	\$556.00
20	259	6" Romac Coupling	3	EACH	\$250.00	\$750.00	\$100.00	\$300.00	\$300.00	\$900.00	\$162.50	\$487.50
21	259	6" 90 Degree Bend	4	EACH	\$300.00	\$1,200.00	\$275.00	\$1,100.00	\$200.00	\$800.00	\$208.00	\$832.00
22	259	6" 45 Degree Bend	7	EACH	\$300.00	\$2,100.00	\$265.00	\$1,855.00	\$200.00	\$1,400.00	\$197.50	\$1,382.50
23	259	6" 22.5 Degree Bend	1	EACH	\$300.00	\$300.00	\$265.00	\$265.00	\$200.00	\$200.00	\$192.50	\$192.50
24	259	8" Cap	1	EACH	\$200.00	\$200.00	\$225.00	\$225.00	\$200.00	\$200.00	\$158.00	\$158.00
25	259	12" 22.5 Degree Bend	1	EACH	\$500.00	\$500.00	\$575.00	\$575.00	\$400.00	\$400.00	\$372.50	\$372.50
26	259	12" 45 Degree Bend	7	EACH	\$500.00	\$3,500.00	\$600.00	\$4,200.00	\$400.00	\$2,800.00	\$388.00	\$2,716.00
27	259	12" Solid Sleeve	1	EACH	\$400.00	\$400.00	\$325.00	\$325.00	\$500.00	\$500.00	\$378.00	\$378.00
28	259	12"x6" Anchor Tee	4	EACH	\$600.00	\$2,400.00	\$650.00	\$2,600.00	\$600.00	\$2,400.00	\$414.00	\$1,656.00
29	259	12"x6" Tee	2	EACH	\$600.00	\$1,200.00	\$650.00	\$1,300.00	\$650.00	\$1,300.00	\$447.00	\$894.00
30	259	16"x12" Tapping Sleeve & Valve	1	EACH	\$900.00	\$900.00	\$8,750.00	\$8,750.00	\$5,500.00	\$5,500.00	\$4,321.00	\$4,321.00
31	260	Fire Hydrant	15	EACH	\$3,000.00	\$45,000.00	\$2,450.00	\$36,750.00	\$3,400.00	\$51,000.00	\$4,200.00	\$63,000.00
32	261	Polyethylene Encasement, 6 inch pipe	150	L.F.	\$3.00	\$450.00	\$1.00	\$150.00	\$1.00	\$150.00	\$1.00	\$150.00
33	261	Polyethylene Encasement, 12 inch pipe	2025	L.F.	\$4.00	\$8,100.00	\$0.50	\$1,012.50	\$1.00	\$2,025.00	\$0.50	\$1,012.50
34	263	Tying into 12" Main	3	EACH	\$1,000.00	\$3,000.00	\$1,550.00	\$4,650.00	\$3,000.00	\$9,000.00	\$3,000.00	\$9,000.00
35	265	Water Main Valve Boxes Adjusted	77	EACH	\$60.00	\$4,620.00	\$425.00	\$32,725.00	\$150.00	\$11,550.00	\$75.00	\$5,775.00
36	266	Tapping Water Services & Installing Services	1100	L.F.	\$75.00	\$82,500.00	\$21.50	\$23,650.00	\$25.00	\$27,500.00	\$35.00	\$38,500.00
37	301	7-3/4 inch Bituminous Aggregate Base	4350	C.Y.	\$130.00	\$565,500.00	\$96.00	\$417,600.00	\$105.00	\$456,750.00	\$98.00	\$426,300.00
38	304	Aggregate Base, 6" Thick, Limestone only	3370	C.Y.	\$85.00	\$286,450.00	\$48.00	\$161,760.00	\$53.00	\$178,610.00	\$54.00	\$181,980.00
39	407	Tack Coat	2020	GAL.	\$4.00	\$8,080.00	\$1.85	\$3,737.00	\$3.00	\$6,060.00	\$2.50	\$5,050.00
40	446	Asphalt Concrete, Surface Course, Type 1, Medium, PG 64-22, 1-1/4 inches Thickness	705	C.Y.	\$225.00	\$158,625.00	\$165.00	\$116,325.00	\$125.00	\$88,125.00	\$125.00	\$88,125.00
41	446	Asphalt Concrete, Intermediate Course, Type 2, Medium, PG 64-22, 3" Thick	1700	C.Y.	\$165.00	\$280,500.00	\$118.00	\$200,600.00	\$110.00	\$187,000.00	\$110.00	\$187,000.00

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42	448	Asphalt Concrete, 4" Thick Driveway Reconstruction	15	C.Y.	\$190.00	\$2,850.00	\$225.00	\$3,375.00	\$250.00	\$3,750.00	\$250.00	\$3,750.00
43	455	6"x18" Concrete Curb	12700	L.F.	\$19.00	\$241,300.00	\$10.25	\$130,175.00	\$18.00	\$228,600.00	\$15.00	\$190,500.00
44	456	Concrete Walk, 4 inches Thick	39000	S.F.	\$5.00	\$195,000.00	\$3.65	\$142,350.00	\$5.00	\$195,000.00	\$5.50	\$214,500.00
45	456	Concrete Walk, 6 inches Thick	21230	S.F.	\$7.00	\$148,610.00	\$3.75	\$79,612.50	\$6.50	\$137,995.00	\$6.00	\$127,380.00
46	456	Concrete Steps	100	L.F.	\$28.00	\$2,800.00	\$115.00	\$11,500.00	\$200.00	\$20,000.00	\$40.00	\$4,000.00
47	456	6" Concrete for Drive Reconstruction	1000	S.F.	\$6.00	\$6,000.00	\$7.75	\$7,750.00	\$6.50	\$6,500.00	\$6.50	\$6,500.00
48	456	Curb Ramps	47	EACH	\$600.00	\$28,200.00	\$185.00	\$8,695.00	\$700.00	\$32,900.00	\$300.00	\$14,100.00
49	456	Concrete Aprons	3960	S.F.	\$7.00	\$27,720.00	\$5.20	\$20,592.00	\$6.50	\$25,740.00	\$6.25	\$24,750.00
50	553	12 inch Inlet Connections, Type 'A', Class 'B' Bedding	1500	L.F.	\$70.00	\$105,000.00	\$80.25	\$120,375.00	\$90.00	\$135,000.00	\$70.00	\$105,000.00
51	553	15 inch Inlet Connections, Type 'A', Class 'B' Bedding (Sump Locations)	200	L.F.	\$90.00	\$18,000.00	\$55.75	\$11,150.00	\$100.00	\$20,000.00	\$80.00	\$16,000.00
52	556	House Drain Pipe, Complete	185	EACH	\$30.00	\$5,550.00	\$107.00	\$19,795.00	\$200.00	\$37,000.00	\$20.00	\$3,700.00
53	556	House Drain Pipe, Type A	370	L.F.	\$2.50	\$925.00	\$5.25	\$1,942.50	\$0.01	\$3.70	\$1.00	\$370.00
54	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	220	L.F.	\$150.00	\$33,000.00	\$132.00	\$29,040.00	\$220.00	\$48,400.00	\$300.00	\$66,000.00
55	560	Storm Lateral	20	L.F.	\$15.00	\$300.00	\$25.00	\$500.00	\$100.00	\$2,000.00	\$38.00	\$760.00
56	561	Flap Gate, Standard	3	EACH	\$300.00	\$900.00	\$1,400.00	\$4,200.00	\$450.00	\$1,350.00	\$500.00	\$1,500.00
57	562	Brick Manhole Adjusted	38	EACH	\$250.00	\$9,500.00	\$660.00	\$25,080.00	\$350.00	\$13,300.00	\$500.00	\$19,000.00
58	562	Manhole, Type 2A, on 8-inch Sanitary Sewer (Castings Supplied by CoA)	1	EACH	\$4,400.00	\$4,400.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00	\$3,000.00	\$3,000.00
59	562	Manhole, Type 2A, on 15-inch Combined Sewer (Castings Supplied by CoA)	3	EACH	\$4,400.00	\$13,200.00	\$6,100.00	\$18,300.00	\$3,900.00	\$11,700.00	\$3,300.00	\$9,900.00
60	562	Manhole, Type 2B, on 24-inch Combined Sewer (Castings Supplied by CoA)	1	EACH	\$4,400.00	\$4,400.00	\$7,750.00	\$7,750.00	\$4,200.00	\$4,200.00	\$17,000.00	\$17,000.00
61	ODOT 611	Catch Basin, 2-2B w/ Solid Lid, as per plan	1	EACH	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$900.00	\$900.00
62	ODOT 611	Manhole No. 3, W/ 84-in Base I.D., on 39-inch Combined Sewer (Castings Supplied by CoA)	3	EACH	\$9,250.00	\$27,750.00	\$17,000.00	\$51,000.00	\$27,000.00	\$81,000.00	\$23,000.00	\$69,000.00
63	ODOT 611	Manhole No. 3, W/ 84-in Base I.D., on 48-inch Combined Sewer (Castings Supplied by CoA)	1	EACH	\$9,250.00	\$9,250.00	\$18,200.00	\$18,200.00	\$32,000.00	\$32,000.00	\$19,500.00	\$19,500.00
64	ODOT 611	Manhole No. 3, W/ 84-in Base I.D., on 54-inch Combined Sewer (Castings Supplied by CoA)	1	EACH	\$9,250.00	\$9,250.00	\$18,750.00	\$18,750.00	\$33,000.00	\$33,000.00	\$23,000.00	\$23,000.00
65	563	Inlet, No. 5 (Castings Supplied by CoA)	13	EACH	\$2,000.00	\$26,000.00	\$1,900.00	\$24,700.00	\$1,700.00	\$22,100.00	\$1,200.00	\$15,600.00
66	563	Modified Inlet, No. 5 (Castings Supplied by CoA)	36	EACH	\$2,000.00	\$72,000.00	\$1,675.00	\$60,300.00	\$1,800.00	\$64,800.00	\$1,200.00	\$43,200.00
67	563	Inlet, Double No. 5 (Castings Supplied by CoA)	1	EACH	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
68	563	Modified Inlet, Double No. 5 (Castings Supplied by CoA)	7	EACH	\$2,500.00	\$17,500.00	\$3,200.00	\$22,400.00	\$2,600.00	\$18,200.00	\$1,500.00	\$10,500.00
69	563	Inlet, No. 3, (Castings Supplied by CoA)	2	EACH	\$3,000.00	\$6,000.00	\$2,500.00	\$5,000.00	\$1,900.00	\$3,800.00	\$1,200.00	\$2,400.00
70	563	Modified Inlet, No. 3, (Castings Supplied by CoA)	5	EACH	\$3,000.00	\$15,000.00	\$2,450.00	\$12,250.00	\$1,900.00	\$9,500.00	\$1,200.00	\$6,000.00
71	563	Inlet, No. 3, Reconstructed (Castings Supplied by CoA)	2	EACH	\$3,000.00	\$6,000.00	\$2,425.00	\$4,850.00	\$2,200.00	\$4,400.00	\$1,200.00	\$2,400.00
72	564	4-inch Pipe Underdrains	12700	L.F.	\$7.00	\$88,900.00	\$5.00	\$63,500.00	\$7.00	\$88,900.00	\$5.00	\$63,500.00
73	566	Trench Drain	20	L.F.	\$20.00	\$400.00	\$200.00	\$4,000.00	\$250.00	\$5,000.00	\$120.00	\$2,400.00
74	608	Fence Removal and Reconstruction	250	L.F.	\$25.00	\$6,250.00	\$30.00	\$7,500.00	\$25.00	\$6,250.00	\$42.00	\$10,500.00
75	611	Modular Block Wall	500	S.F.	\$25.00	\$12,500.00	\$35.00	\$17,500.00	\$52.00	\$26,000.00	\$35.00	\$17,500.00
76	614	Maintaining Traffic	1	L.S.	\$40,000.00	\$40,000.00	\$75,000.00	\$75,000.00	\$90,000.00	\$90,000.00	\$30,000.00	\$30,000.00
77	616	Calcium Chloride	10	TONS	\$20.00	\$200.00	\$20.00	\$200.00	\$200.00	\$2,000.00	\$5.00	\$50.00
78	619	Field Office	1	L.S.	\$6,500.00	\$6,500.00	\$24,000.00	\$24,000.00	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00
79	621	ODOT Item 642E050030 - Pavement Marking, Misc.: Green Conflict Paint	4596	S.F.	\$3.25	\$14,937.00	\$8.95	\$41,134.20	\$12.00	\$55,152.00	\$9.40	\$43,202.40
80	ODOT 645	Crosswalk Line, Type A3	520	L.F.	\$11.00	\$5,720.00	\$15.25	\$7,930.00	\$14.00	\$7,280.00	\$16.00	\$8,320.00
81	ODOT 645	Stop Line, Type A3	70	LF	\$20.00	\$1,400.00	\$30.00	\$2,100.00	\$23.00	\$1,610.00	\$31.50	\$2,205.00
82	ODOT 645	Center Line, Double, Type A3	5500	L.F.	\$12.00	\$66,000.00	\$7.00	\$38,500.00	\$8.00	\$44,000.00	\$7.35	\$40,425.00

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83	ODOT 645	Bike Symbol, Type A3	30	EACH	\$400.00	\$12,000.00	\$700.00	\$21,000.00	\$600.00	\$18,000.00	\$735.00	\$22,050.00
84	ODOT 645	Shared Lane Marking	30	EACH	\$400.00	\$12,000.00	\$700.00	\$21,000.00	\$590.00	\$17,700.00	\$735.00	\$22,050.00
85	ODOT 645	Edge Lines, Solid, Type 4" (Bike Lane)	5410	L.F.	\$7.00	\$37,870.00	\$5.25	\$28,402.50	\$5.50	\$29,755.00	\$5.50	\$29,755.00
86	ODOT 645	Edge Lines, Short Dash, Type 4" (Bike Lane)	742	L.F.	\$7.00	\$5,194.00	\$4.25	\$3,153.50	\$5.50	\$4,081.00	\$4.50	\$3,339.00
87	ODOT 645	Yield Line, Type A3	30	L.F.	\$90.00	\$2,700.00	\$30.00	\$900.00	\$24.00	\$720.00	\$31.50	\$945.00
88	622	Monument Boxes (Castings Supplied by CoA)	1	EACH	\$350.00	\$350.00	\$200.00	\$200.00	\$600.00	\$600.00	\$500.00	\$500.00
89	622	Monument Boxes, Adjusted	22	EACH	\$200.00	\$4,400.00	\$225.00	\$4,950.00	\$300.00	\$6,600.00	\$300.00	\$6,600.00
90	623	Construction Layout Stakes	1	L.S.	\$45,000.00	\$45,000.00	\$72,000.00	\$72,000.00	\$25,000.00	\$25,000.00	\$100,000.00	\$100,000.00
91	624	Mobilization	1	L.S.	\$50,000.00	\$50,000.00	\$275,000.00	\$275,000.00	\$160,000.00	\$160,000.00	\$27,000.00	\$27,000.00
92	625	3" PVC Conduit, not Encased	11200	L.F.	\$7.00	\$78,400.00	\$4.50	\$50,400.00	\$2.00	\$22,400.00	\$10.05	\$112,560.00
93	625	3" Schedule 40 PVC Conduit, Encased	400	L.F.	\$35.00	\$14,000.00	\$14.50	\$5,800.00	\$2.50	\$1,000.00	\$33.80	\$13,520.00
94	625	Trench in Paved Areas, Type A	5800	L.F.	\$6.75	\$39,150.00	\$3.50	\$20,300.00	\$16.00	\$92,800.00	\$15.50	\$89,900.00
95	625	Trench in Paved Areas, Type B	200	L.F.	\$53.50	\$10,700.00	\$12.75	\$2,550.00	\$27.00	\$5,400.00	\$52.30	\$10,460.00
96	625	Pull Box, 24" x 36" x 24", Reinforced Polymer Concrete	29	EACH	\$900.00	\$26,100.00	\$715.00	\$20,735.00	\$650.00	\$18,850.00	\$1,013.00	\$29,377.00
97	629	Street Name Sign	11	EACH	\$200.00	\$2,200.00	\$130.00	\$1,430.00	\$255.00	\$2,805.00	\$136.50	\$1,501.50
98	629	Street Name Assembly	5	EACH	\$450.00	\$2,250.00	\$45.00	\$225.00	\$725.00	\$3,625.00	\$47.00	\$235.00
99	629	Street Name Assembly Reset	4	EACH	\$200.00	\$800.00	\$100.00	\$400.00	\$750.00	\$3,000.00	\$105.00	\$420.00
100	630	Traffic Sign - Type A	27	EACH	\$200.00	\$5,400.00	\$175.00	\$4,725.00	\$50.00	\$1,350.00	\$184.00	\$4,968.00
101	630	Traffic Sign - Type B	25	EACH	\$200.00	\$5,000.00	\$175.00	\$4,375.00	\$250.00	\$6,250.00	\$184.00	\$4,600.00
102	630	Traffic Sign - Type C	4	EACH	\$200.00	\$800.00	\$175.00	\$700.00	\$350.00	\$1,400.00	\$184.00	\$736.00
103	630	Traffic Sign Removed	20	EACH	\$100.00	\$2,000.00	\$75.00	\$1,500.00	\$50.00	\$1,000.00	\$78.00	\$1,560.00
104	653	Topsail Furnished & Placed, 4" Thick	10500	S.Y.	\$6.00	\$63,000.00	\$3.95	\$41,475.00	\$6.00	\$63,000.00	\$4.15	\$43,575.00
105	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP Process	392	L.F.	\$57.00	\$22,344.00	\$36.00	\$14,112.00	\$38.00	\$14,896.00	\$38.00	\$14,896.00
106	SPEC	24-inch Combined Sewer Reconstruction by the CIPP Process	645	L.F.	\$135.00	\$87,075.00	\$87.00	\$56,115.00	\$90.00	\$58,050.00	\$92.00	\$59,340.00
107	SPEC	30-inch Combined Sewer Reconstruction by the CIPP Process	280	L.F.	\$215.00	\$60,200.00	\$147.00	\$41,160.00	\$155.00	\$43,400.00	\$154.50	\$43,260.00
108	SPEC	36-inch Combined Sewer Reconstruction by the CIPP Process	54	L.F.	\$225.00	\$12,150.00	\$382.00	\$20,628.00	\$400.00	\$21,600.00	\$401.00	\$21,654.00
109	SPEC	39-inch Combined Sewer Reconstruction by the CIPP Process	503	L.F.	\$260.00	\$130,780.00	\$167.00	\$84,001.00	\$178.00	\$89,534.00	\$175.50	\$88,276.50
110	SPEC	42-inch Combined Sewer Reconstruction by the CIPP Process	418	L.F.	\$310.00	\$129,580.00	\$229.00	\$95,722.00	\$245.00	\$102,410.00	\$240.45	\$100,508.10
111	SPEC	48-inch Combined Sewer Reconstruction by the CIPP Process	620	L.F.	\$345.00	\$213,900.00	\$216.00	\$133,920.00	\$230.00	\$142,600.00	\$227.00	\$140,740.00
112	SPEC	54-inch Combined Sewer Reconstruction by the CIPP Process	12	L.F.	\$460.00	\$5,520.00	\$2,030.00	\$24,360.00	\$2,200.00	\$26,400.00	\$2,132.00	\$25,584.00
113	SPEC	Bypass Pumping	1	L.S.	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00	\$78,000.00	\$78,000.00	\$78,750.00	\$78,750.00
114	SPEC	Water Service Disconnect	5	EACH	\$500.00	\$2,500.00	\$325.00	\$1,625.00	\$300.00	\$1,500.00	\$1,000.00	\$5,000.00
115	SPEC	Water Main Plug & Saddle	5	EACH	\$500.00	\$2,500.00	\$450.00	\$2,250.00	\$300.00	\$1,500.00	\$250.00	\$1,250.00
GREEN INFRASTRUCTURE												
Section 200- Earthwork												
116	203	Excavation Not Including Embankment Construction, As Per Plan	5346	C.Y.	\$18.00	\$96,228.00	\$10.00	\$53,460.00	\$17.00	\$90,882.00	\$32.00	\$171,072.00
117	207	Temporary Seeding and Mulching, As Per Plan	1806	S.Y.	\$1.50	\$2,709.00	\$0.70	\$1,264.20	\$0.50	\$903.00	\$0.75	\$1,354.50
118	207	Temporary Slope Drains	40	L.F.	\$80.00	\$3,200.00	\$15.75	\$630.00	\$5.00	\$200.00	\$6.00	\$240.00
119	SPEC	Inlet Protection	250	EACH	\$150.00	\$37,500.00	\$72.00	\$18,000.00	\$200.00	\$50,000.00	\$65.00	\$16,250.00
120	SPEC	Tree Protection	1	L.S.	\$8,500.00	\$8,500.00	\$6,500.00	\$6,500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Karvo Paving		2. Kenmore Construction		*3. Liberta Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
Section 300-Bases												
121	310	#2 Aggregate, As Per Plan	2312	C.Y.	\$55.00	\$127,160.00	\$43.00	\$99,416.00	\$60.00	\$138,720.00	\$116.00	\$268,192.00
122	310	#57 Washed Aggregate, As Per Plan	442	C.Y.	\$55.00	\$24,310.00	\$63.00	\$27,846.00	\$60.00	\$26,520.00	\$69.50	\$30,719.00
123	SPEC	Bridging Stone	362	C.Y.	\$67.00	\$24,254.00	\$77.00	\$27,874.00	\$40.00	\$14,480.00	\$81.50	\$29,503.00
Section 400-Rigid Pavement and Concrete												
124	455	Curb, As Per Plan	3195	L.F.	\$25.00	\$79,875.00	\$12.00	\$38,340.00	\$23.00	\$73,485.00	\$40.00	\$127,800.00
125	SPEC	Pervious Pavers	23096	S.F.	\$10.00	\$230,960.00	\$16.00	\$369,536.00	\$18.00	\$415,728.00	\$13.50	\$311,796.00
126	SPEC	Concrete Inlet, As Per Plan	122	EACH	\$150.00	\$18,300.00	\$640.00	\$78,080.00	\$1,200.00	\$146,400.00	\$1,700.00	\$207,400.00
Section 500-Structures												
127	SPEC	Concrete Check Dams	132	EACH	\$175.00	\$23,100.00	\$595.00	\$78,540.00	\$1,600.00	\$211,200.00	\$550.00	\$72,600.00
Section 550-Pipe Culverts, Sewers, and Drains												
128	552	8-inch Storm Sewer, Type B, Class B Bedding, As Per Plan	35	L.F.	\$65.00	\$2,275.00	\$33.00	\$1,155.00	\$75.00	\$2,625.00	\$40.00	\$1,400.00
129	553	6-inch Inlet Connection, Type A, Class B Bedding, As Per Plan	92	L.F.	\$50.00	\$4,600.00	\$35.00	\$3,220.00	\$70.00	\$6,440.00	\$32.00	\$2,944.00
130	553	12-inch Inlet Connection, Type A, Class B Bedding	131	L.F.	\$70.00	\$9,170.00	\$88.00	\$11,528.00	\$105.00	\$13,755.00	\$70.00	\$9,170.00
131	553	12-inch Inlet Connection, Type B, Class B Bedding	45	L.F.	\$70.00	\$3,150.00	\$88.00	\$3,960.00	\$115.00	\$5,175.00	\$70.00	\$3,150.00
132	563	No. 2-2B ODOT Inlet, As Per Plan	15	EACH	\$1,500.00	\$22,500.00	\$1,925.00	\$28,875.00	\$2,200.00	\$33,000.00	\$900.00	\$13,500.00
133	563	No. 5 Inlet	1	EACH	\$2,000.00	\$2,000.00	\$2,250.00	\$2,250.00	\$2,700.00	\$2,700.00	\$1,500.00	\$1,500.00
134	564	6-Inch Pipe Underdrains, As Per Plan	5678	L.F.	\$25.00	\$141,950.00	\$6.50	\$36,907.00	\$7.00	\$39,746.00	\$5.00	\$28,390.00
135	SPEC	Stormwater Chambers, MC-4500	1	L.S.	\$15,000.00	\$15,000.00	\$19,000.00	\$19,000.00	\$25,000.00	\$25,000.00	\$101,975.00	\$101,975.00
136	SPEC	Stormwater Chambers, SC-740	1	L.S.	\$15,000.00	\$15,000.00	\$27,000.00	\$27,000.00	\$44,000.00	\$44,000.00	\$109,875.00	\$109,875.00
137	SPEC	Stormwater Chambers, SC-310	1	L.S.	\$9,975.00	\$9,975.00	\$11,000.00	\$11,000.00	\$28,000.00	\$28,000.00	\$101,705.00	\$101,705.00
138	SPEC	Dry Well	7	EACH	\$1,500.00	\$10,500.00	\$1,085.00	\$7,595.00	\$2,800.00	\$19,600.00	\$5,740.00	\$40,180.00
139	SPEC	Outlet Control Structure	2	EACH	\$7,500.00	\$15,000.00	\$4,355.00	\$8,710.00	\$5,800.00	\$11,600.00	\$2,300.00	\$4,600.00
140	SPEC	Inlet Structure - Curb-O-Let	12	EACH	\$180.00	\$2,160.00	\$675.00	\$8,100.00	\$2,000.00	\$24,000.00	\$500.00	\$6,000.00
141	SPEC	Steel Pipe	379	L.F.	\$75.00	\$28,425.00	\$65.00	\$24,635.00	\$88.00	\$33,352.00	\$90.00	\$34,110.00
Section 600-Incidentals												
142	626	Geotextile Fabric, Type D	8720	S.Y.	\$2.00	\$17,440.00	\$2.50	\$21,800.00	\$1.00	\$8,720.00	\$1.50	\$13,080.00
Section 650-Landscaping												
143	ODOT 659	Seeding and Mulching, with Topsoil, As Per Plan	1806	S.Y.	\$2.50	\$4,515.00	\$5.00	\$9,030.00	\$8.00	\$14,448.00	\$5.25	\$9,481.50
144	660	Sodding, As Per Plan	7300	S.Y.	\$7.00	\$51,100.00	\$10.05	\$73,365.00	\$9.00	\$65,700.00	\$10.50	\$76,650.00
145	663	Tree Planting in Lawn Areas, As Per Plan	182	EACH	\$350.00	\$63,700.00	\$305.00	\$55,510.00	\$425.00	\$77,350.00	\$320.25	\$58,285.50
146	SPEC	Rain Garden	330	S.Y.	\$75.00	\$24,750.00	\$78.00	\$25,740.00	\$60.00	\$19,800.00	\$82.00	\$27,060.00
147	SPEC	Bioretention High Flow Rate Soil	519	C.Y.	\$82.00	\$42,558.00	\$135.00	\$70,065.00	\$86.00	\$44,634.00	\$142.00	\$73,698.00
148	SPEC	Root Cutting (Pre-Excavation)	1	L.S.	\$12,500.00	\$12,500.00	\$12,600.00	\$12,600.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00
149	SPEC	Decorative Stormwater Feature A	1	L.S.	\$8,500.00	\$8,500.00	\$12,000.00	\$12,000.00	\$125,000.00	\$125,000.00	\$32,000.00	\$32,000.00
150	SPEC	Decorative Stormwater Feature B	1	L.S.	\$2,500.00	\$2,500.00	\$11,500.00	\$11,500.00	\$7,000.00	\$7,000.00	\$12,075.00	\$12,075.00
ALTERNATE #1												
ALT#1	SPEC	One additional year of Green Infrastructure Operation and Maintenance	1	L.S.	\$45,000.00	\$45,000.00	\$48,900.00	\$48,900.00	\$52,000.00	\$52,000.00	\$101,345.00	\$101,345.00
TOTAL CONSTRUCTION COSTS						\$6,034,382.00		\$5,289,821.55		\$6,232,677.70		\$6,272,477.50
+/- ENGINEER'S ESTIMATE								-12.3%		+3.3%		+3.9%
ALTERNATE #1												
TOTAL CONSTRUCTION COSTS						\$45,000.00		\$48,900.00		\$52,000.00		\$101,345.00
+/- ENGINEER'S ESTIMATE								+8.7%		+15.6%		+125.2%

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. H.M. Miller Construction	
					PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$50,000.00	\$50,000.00	\$100,000.00	\$100,000.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$78,600.00	\$78,600.00
3	201	Trees Removed, 18 inches	78	EACH	\$600.00	\$46,800.00	\$100.00	\$7,800.00
4	201	Trees Removed, 30 inches	11	EACH	\$950.00	\$10,450.00	\$100.00	\$1,100.00
5	201	Trees Removed, 48 inches	2	EACH	\$1,300.00	\$2,600.00	\$3,500.00	\$7,000.00
6	202	Inlet Removed	40	EACH	\$500.00	\$20,000.00	\$250.00	\$10,000.00
7	202	Pipe Removed, 12 inch	1085	L.F.	\$12.00	\$13,020.00	\$16.00	\$17,360.00
8	202	Pipe Removed, 15 inch	165	L.F.	\$12.00	\$1,980.00	\$20.00	\$3,300.00
9	202	Pipe Abandoned, 12 inch	543	L.F.	\$12.00	\$6,516.00	\$16.00	\$8,688.00
10	202	Pipe Abandoned, 15 inch	83	L.F.	\$12.00	\$996.00	\$20.00	\$1,660.00
11	202	Brick Pavement Removed & Palletized	633	S.Y.	\$35.00	\$22,155.00	\$80.00	\$50,640.00
12	202	Granite and/or Stone Curb Removed & Palletized	250	L.F.	\$20.00	\$5,000.00	\$12.00	\$3,000.00
13	203	Excavation Including Embankment Construction	17431	C.Y.	\$21.00	\$366,051.00	\$16.85	\$293,712.35
14	252	Trenches for Water Services in Earth	1100	L.F.	\$25.00	\$27,500.00	\$60.90	\$66,990.00
15	254	6" Ductile Iron Pipe	150	L.F.	\$100.00	\$15,000.00	\$257.00	\$38,550.00
16	254	12" Ductile Iron Pipe	2025	L.F.	\$180.00	\$364,500.00	\$106.40	\$215,460.00
17	258	6" Gate Valve	6	EACH	\$1,000.00	\$6,000.00	\$840.00	\$5,040.00
18	258	12" Gate Valve	3	EACH	\$1,500.00	\$4,500.00	\$1,955.00	\$5,865.00
19	259	6" Cap	4	EACH	\$150.00	\$600.00	\$3,925.00	\$15,700.00
20	259	6" Romac Coupling	3	EACH	\$250.00	\$750.00	\$135.00	\$405.00
21	259	6" 90 Degree Bend	4	EACH	\$300.00	\$1,200.00	\$265.00	\$1,060.00
22	259	6" 45 Degree Bend	7	EACH	\$300.00	\$2,100.00	\$255.00	\$1,785.00
23	259	6" 22.5 Degree Bend	1	EACH	\$300.00	\$300.00	\$255.00	\$255.00
24	259	8" Cap	1	EACH	\$200.00	\$200.00	\$3,820.00	\$3,820.00
25	259	12" 22.5 Degree Bend	1	EACH	\$500.00	\$500.00	\$480.00	\$480.00
26	259	12" 45 Degree Bend	7	EACH	\$500.00	\$3,500.00	\$495.00	\$3,465.00
27	259	12" Solid Sleeve	1	EACH	\$400.00	\$400.00	\$465.00	\$465.00
28	259	12"x6" Anchor Tee	4	EACH	\$600.00	\$2,400.00	\$570.00	\$2,280.00
29	259	12"x6" Tee	2	EACH	\$600.00	\$1,200.00	\$605.00	\$1,210.00
30	259	16"x12" Tapping Sleeve & Valve	1	EACH	\$900.00	\$900.00	\$8,050.00	\$8,050.00
31	260	Fire Hydrant	15	EACH	\$3,000.00	\$45,000.00	\$3,575.00	\$53,625.00
32	261	Polyethylene Encasement, 6 inch pipe	150	L.F.	\$3.00	\$450.00	\$0.50	\$75.00
33	261	Polyethylene Encasement, 12 inch pipe	2025	L.F.	\$4.00	\$8,100.00	\$0.60	\$1,215.00
34	263	Tying into 12" Main	3	EACH	\$1,000.00	\$3,000.00	\$1,200.00	\$3,600.00
35	265	Water Main Valve Boxes Adjusted	77	EACH	\$60.00	\$4,620.00	\$150.00	\$11,550.00
36	266	Tapping Water Services & Installing Services	1100	L.F.	\$75.00	\$82,500.00	\$78.00	\$85,800.00
37	301	7-3/4 inch Bituminous Aggregate Base	4350	C.Y.	\$130.00	\$565,500.00	\$103.00	\$448,050.00
38	304	Aggregate Base, 6" Thick, Limestone only	3370	C.Y.	\$85.00	\$286,450.00	\$58.40	\$196,808.00
39	407	Tack Coat	2020	GAL.	\$4.00	\$8,080.00	\$2.00	\$4,040.00
40	446	Asphalt Concrete, Surface Course, Type 1, Medium, PG 64-22, 1-1/4 inches Thickness	705	C.Y.	\$225.00	\$158,625.00	\$126.00	\$88,830.00
41	446	Asphalt Concrete, Intermediate Course, Type 2, Medium, PG 64-22, 3" Thick	1700	C.Y.	\$165.00	\$280,500.00	\$116.00	\$197,200.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. H.M. Miller Construction	
					PRICE	AMOUNT	PRICE	AMOUNT
42	448	Asphalt Concrete, 4" Thick Driveway Reconstruction	15	C.Y.	\$190.00	\$2,850.00	\$410.00	\$6,150.00
43	455	6"x18" Concrete Curb	12700	L.F.	\$19.00	\$241,300.00	\$21.80	\$276,860.00
44	456	Concrete Walk, 4 inches Thick	39000	S.F.	\$5.00	\$195,000.00	\$6.75	\$263,250.00
45	456	Concrete Walk, 6 inches Thick	21230	S.F.	\$7.00	\$148,610.00	\$7.25	\$153,917.50
46	456	Concrete Steps	100	L.F.	\$28.00	\$2,800.00	\$28.00	\$2,800.00
47	456	6" Concrete for Drive Reconstruction	1000	S.F.	\$6.00	\$6,000.00	\$9.90	\$9,900.00
48	456	Curb Ramps	47	EACH	\$600.00	\$28,200.00	\$315.00	\$14,805.00
49	456	Concrete Aprons	3960	S.F.	\$7.00	\$27,720.00	\$9.90	\$39,204.00
50	553	12 inch Inlet Connections, Type 'A', Class 'B' Bedding	1500	L.F.	\$70.00	\$105,000.00	\$102.00	\$153,000.00
51	553	15 inch Inlet Connections, Type 'A', Class 'B' Bedding (Sump Locations)	200	L.F.	\$90.00	\$18,000.00	\$135.00	\$27,000.00
52	556	House Drain Pipe, Complete	185	EACH	\$30.00	\$5,550.00	\$120.00	\$22,200.00
53	556	House Drain Pipe, Type A	370	L.F.	\$2.50	\$925.00	\$7.70	\$2,849.00
54	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	220	L.F.	\$150.00	\$33,000.00	\$230.00	\$50,600.00
55	560	Storm Lateral	20	L.F.	\$15.00	\$300.00	\$25.00	\$500.00
56	561	Flap Gate, Standard	3	EACH	\$300.00	\$900.00	\$250.00	\$750.00
57	562	Brick Manhole Adjusted	38	EACH	\$250.00	\$9,500.00	\$500.00	\$19,000.00
58	562	Manhole, Type 2A, on 8-inch Sanitary Sewer (Castings Supplied by CoA)	1	EACH	\$4,400.00	\$4,400.00	\$2,500.00	\$2,500.00
59	562	Manhole, Type 2A, on 15-inch Combined Sewer (Castings Supplied by CoA)	3	EACH	\$4,400.00	\$13,200.00	\$10,895.00	\$32,685.00
60	562	Manhole, Type 2B, on 24-inch Combined Sewer (Castings Supplied by CoA)	1	EACH	\$4,400.00	\$4,400.00	\$13,825.00	\$13,825.00
61	ODOT 611	Catch Basin, 2-2B w/ Solid Lid, as per plan	1	EACH	\$1,500.00	\$1,500.00	\$1,060.00	\$1,060.00
62	ODOT 611	Manhole No. 3, W/ 84-in Base I.D., on 39-inch Combined Sewer (Castings Supplied by CoA)	3	EACH	\$9,250.00	\$27,750.00	\$17,050.00	\$51,150.00
63	ODOT 611	Manhole No. 3, W/ 84-in Base I.D., on 48-inch Combined Sewer (Castings Supplied by CoA)	1	EACH	\$9,250.00	\$9,250.00	\$27,200.00	\$27,200.00
64	ODOT 611	Manhole No. 3, W/ 84-in Base I.D., on 54-inch Combined Sewer (Castings Supplied by CoA)	1	EACH	\$9,250.00	\$9,250.00	\$35,360.00	\$35,360.00
65	563	Inlet, No. 5 (Castings Supplied by CoA)	13	EACH	\$2,000.00	\$26,000.00	\$2,000.00	\$26,000.00
66	563	Modified Inlet, No. 5 (Castings Supplied by CoA)	36	EACH	\$2,000.00	\$72,000.00	\$2,000.00	\$72,000.00
67	563	Inlet, Double No. 5 (Castings Supplied by CoA)	1	EACH	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00
68	563	Modified Inlet, Double No. 5 (Castings Supplied by CoA)	7	EACH	\$2,500.00	\$17,500.00	\$2,800.00	\$19,600.00
69	563	Inlet, No. 3, (Castings Supplied by CoA)	2	EACH	\$3,000.00	\$6,000.00	\$2,500.00	\$5,000.00
70	563	Modified Inlet, No. 3, (Castings Supplied by CoA)	5	EACH	\$3,000.00	\$15,000.00	\$2,500.00	\$12,500.00
71	563	Inlet, No. 3, Reconstructed (Castings Supplied by CoA)	2	EACH	\$3,000.00	\$6,000.00	\$2,750.00	\$5,500.00
72	564	4-inch Pipe Underdrains	12700	L.F.	\$7.00	\$88,900.00	\$7.60	\$96,520.00
73	566	Trench Drain	20	L.F.	\$20.00	\$400.00	\$235.00	\$4,700.00
74	608	Fence Removal and Reconstruction	250	L.F.	\$25.00	\$6,250.00	\$35.00	\$8,750.00
75	611	Modular Block Wall	500	S.F.	\$25.00	\$12,500.00	\$55.00	\$27,500.00
76	614	Maintaining Traffic	1	L.S.	\$40,000.00	\$40,000.00	\$52,000.00	\$52,000.00
77	616	Calcium Chloride	10	TONS	\$20.00	\$200.00	\$600.00	\$6,000.00
78	619	Field Office	1	L.S.	\$6,500.00	\$6,500.00	\$25,000.00	\$25,000.00
79	621	ODOT Item 642E050030 - Pavement Marking, Misc.: Green Conflict Paint	4596	S.F.	\$3.25	\$14,937.00	\$9.50	\$43,662.00
80	ODOT 645	Crosswalk Line, Type A3	520	L.F.	\$11.00	\$5,720.00	\$16.00	\$8,320.00
81	ODOT 645	Stop Line, Type A3	70	LF	\$20.00	\$1,400.00	\$31.00	\$2,170.00
82	ODOT 645	Center Line, Double, Type A3	5500	L.F.	\$12.00	\$66,000.00	\$7.35	\$40,425.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. H.M. Miller Construction	
					PRICE	AMOUNT	PRICE	AMOUNT
83	ODOT 645	Bike Symbol, Type A3	30	EACH	\$400.00	\$12,000.00	\$735.00	\$22,050.00
84	ODOT 645	Shared Lane Marking	30	EACH	\$400.00	\$12,000.00	\$735.00	\$22,050.00
85	ODOT 645	Edge Lines, Solid, Type 4" (Bike Lane)	5410	L.F.	\$7.00	\$37,870.00	\$5.50	\$29,755.00
86	ODOT 645	Edge Lines, Short Dash, Type 4" (Bike Lane)	742	L.F.	\$7.00	\$5,194.00	\$4.45	\$3,301.90
87	ODOT 645	Yield Line, Type A3	30	L.F.	\$90.00	\$2,700.00	\$31.50	\$945.00
88	622	Monument Boxes (Castings Supplied by CoA)	1	EACH	\$350.00	\$350.00	\$750.00	\$750.00
89	622	Monument Boxes, Adjusted	22	EACH	\$200.00	\$4,400.00	\$500.00	\$11,000.00
90	623	Construction Layout Stakes	1	L.S.	\$45,000.00	\$45,000.00	\$100,000.00	\$100,000.00
91	624	Mobilization	1	L.S.	\$50,000.00	\$50,000.00	\$315,000.00	\$315,000.00
92	625	3" PVC Conduit, not Encased	11200	L.F.	\$7.00	\$78,400.00	\$4.00	\$44,800.00
93	625	3" Schedule 40 PVC Conduit, Encased	400	L.F.	\$35.00	\$14,000.00	\$6.00	\$2,400.00
94	625	Trench in Paved Areas, Type A	5800	L.F.	\$6.75	\$39,150.00	\$6.10	\$35,380.00
95	625	Trench in Paved Areas, Type B	200	L.F.	\$53.50	\$10,700.00	\$33.00	\$6,600.00
96	625	Pull Box, 24" x 36" x 24", Reinforced Polymer Concrete	29	EACH	\$900.00	\$26,100.00	\$975.00	\$28,275.00
97	629	Street Name Sign	11	EACH	\$200.00	\$2,200.00	\$136.00	\$1,496.00
98	629	Street Name Assembly	5	EACH	\$450.00	\$2,250.00	\$47.00	\$235.00
99	629	Street Name Assembly Reset	4	EACH	\$200.00	\$800.00	\$105.00	\$420.00
100	630	Traffic Sign - Type A	27	EACH	\$200.00	\$5,400.00	\$183.00	\$4,941.00
101	630	Traffic Sign - Type B	25	EACH	\$200.00	\$5,000.00	\$183.00	\$4,575.00
102	630	Traffic Sign - Type C	4	EACH	\$200.00	\$800.00	\$183.00	\$732.00
103	630	Traffic Sign Removed	20	EACH	\$100.00	\$2,000.00	\$79.00	\$1,580.00
104	653	Topsail Furnished & Placed, 4" Thick	10500	S.Y.	\$6.00	\$63,000.00	\$4.15	\$43,575.00
105	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP Process	392	L.F.	\$57.00	\$22,344.00	\$38.00	\$14,896.00
106	SPEC	24-inch Combined Sewer Reconstruction by the CIPP Process	645	L.F.	\$135.00	\$87,075.00	\$91.00	\$58,695.00
107	SPEC	30-inch Combined Sewer Reconstruction by the CIPP Process	280	L.F.	\$215.00	\$60,200.00	\$154.00	\$43,120.00
108	SPEC	36-inch Combined Sewer Reconstruction by the CIPP Process	54	L.F.	\$225.00	\$12,150.00	\$401.00	\$21,654.00
109	SPEC	39-inch Combined Sewer Reconstruction by the CIPP Process	503	L.F.	\$260.00	\$130,780.00	\$175.00	\$88,025.00
110	SPEC	42-inch Combined Sewer Reconstruction by the CIPP Process	418	L.F.	\$310.00	\$129,580.00	\$248.00	\$103,664.00
111	SPEC	48-inch Combined Sewer Reconstruction by the CIPP Process	620	L.F.	\$345.00	\$213,900.00	\$238.00	\$147,560.00
112	SPEC	54-inch Combined Sewer Reconstruction by the CIPP Process	12	L.F.	\$460.00	\$5,520.00	\$2,132.00	\$25,584.00
113	SPEC	Bypass Pumping	1	L.S.	\$50,000.00	\$50,000.00	\$105,250.00	\$105,250.00
114	SPEC	Water Service Disconnect	5	EACH	\$500.00	\$2,500.00	\$1,500.00	\$7,500.00
115	SPEC	Water Main Plug & Saddle	5	EACH	\$500.00	\$2,500.00	\$250.00	\$1,250.00
GREEN INFRASTRUCTURE								
Section 200- Earthwork								
116	203	Excavation Not Including Embankment Construction, As Per Plan	5346	C.Y.	\$18.00	\$96,228.00	\$20.50	\$109,593.00
117	207	Temporary Seeding and Mulching, As Per Plan	1806	S.Y.	\$1.50	\$2,709.00	\$1.00	\$1,806.00
118	207	Temporary Slope Drains	40	L.F.	\$80.00	\$3,200.00	\$15.00	\$600.00
119	SPEC	Inlet Protection	250	EACH	\$150.00	\$37,500.00	\$75.00	\$18,750.00
120	SPEC	Tree Protection	1	L.S.	\$8,500.00	\$8,500.00	\$500.00	\$500.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. H.M. Miller Construction	
					PRICE	AMOUNT	PRICE	AMOUNT
Section 300-Bases								
121	310	#2 Aggregate, As Per Plan	2312	C.Y.	\$55.00	\$127,160.00	\$50.75	\$117,334.00
122	310	#57 Washed Aggregate, As Per Plan	442	C.Y.	\$55.00	\$24,310.00	\$70.00	\$30,940.00
123	SPEC	Bridging Stone	362	C.Y.	\$67.00	\$24,254.00	\$85.50	\$30,951.00
Section 400-Rigid Pavement and Concrete								
124	455	Curb, As Per Plan	3195	L.F.	\$25.00	\$79,875.00	\$26.40	\$84,348.00
125	SPEC	Pervious Pavers	23096	S.F.	\$10.00	\$230,960.00	\$13.20	\$304,867.20
126	SPEC	Concrete Inlet, As Per Plan	122	EACH	\$150.00	\$18,300.00	\$1,600.00	\$195,200.00
Section 500-Structures								
127	SPEC	Concrete Check Dams	132	EACH	\$175.00	\$23,100.00	\$2,340.00	\$308,880.00
Section 550-Pipe Culverts, Sewers, and Drains								
128	552	8-inch Storm Sewer, Type B, Class B Bedding, As Per Plan	35	L.F.	\$65.00	\$2,275.00	\$60.00	\$2,100.00
129	553	6-inch Inlet Connection, Type A, Class B Bedding, As Per Plan	92	L.F.	\$50.00	\$4,600.00	\$80.00	\$7,360.00
130	553	12-inch Inlet Connection, Type A, Class B Bedding	131	L.F.	\$70.00	\$9,170.00	\$96.00	\$12,576.00
131	553	12-inch Inlet Connection, Type B, Class B Bedding	45	L.F.	\$70.00	\$3,150.00	\$81.00	\$3,645.00
132	563	No. 2-2B ODOT Inlet, As Per Plan	15	EACH	\$1,500.00	\$22,500.00	\$795.00	\$11,925.00
133	563	No. 5 Inlet	1	EACH	\$2,000.00	\$2,000.00	\$2,460.00	\$2,460.00
134	564	6-Inch Pipe Underdrains, As Per Plan	5678	L.F.	\$25.00	\$141,950.00	\$10.70	\$60,754.60
135	SPEC	Stormwater Chambers, MC-4500	1	L.S.	\$15,000.00	\$15,000.00	\$37,160.00	\$37,160.00
136	SPEC	Stormwater Chambers, SC-740	1	L.S.	\$15,000.00	\$15,000.00	\$64,770.00	\$64,770.00
137	SPEC	Stormwater Chambers, SC-310	1	L.S.	\$9,975.00	\$9,975.00	\$31,835.00	\$31,835.00
138	SPEC	Dry Well	7	EACH	\$1,500.00	\$10,500.00	\$2,385.00	\$16,695.00
139	SPEC	Outlet Control Structure	2	EACH	\$7,500.00	\$15,000.00	\$4,410.00	\$8,820.00
140	SPEC	Inlet Structure - Curb-O-Let	12	EACH	\$180.00	\$2,160.00	\$1,005.00	\$12,060.00
141	SPEC	Steel Pipe	379	L.F.	\$75.00	\$28,425.00	\$124.00	\$46,996.00
Section 600-Incidentals								
142	626	Geotextile Fabric, Type D	8720	S.Y.	\$2.00	\$17,440.00	\$1.25	\$10,900.00
Section 650-Landscaping								
143	ODOT 659	Seeding and Mulching, with Topsoil, As Per Plan	1806	S.Y.	\$2.50	\$4,515.00	\$5.25	\$9,481.50
144	660	Sodding, As Per Plan	7300	S.Y.	\$7.00	\$51,100.00	\$10.55	\$77,015.00
145	663	Tree Planting in Lawn Areas, As Per Plan	182	EACH	\$350.00	\$63,700.00	\$320.00	\$58,240.00
146	SPEC	Rain Garden	330	S.Y.	\$75.00	\$24,750.00	\$82.00	\$27,060.00
147	SPEC	Bioretention High Flow Rate Soil	519	C.Y.	\$82.00	\$42,558.00	\$142.00	\$73,698.00
148	SPEC	Root Cutting (Pre-Excavation)	1	L.S.	\$12,500.00	\$12,500.00	\$10,000.00	\$10,000.00
149	SPEC	Decorative Stormwater Feature A	1	L.S.	\$8,500.00	\$8,500.00	\$76,400.00	\$76,400.00
150	SPEC	Decorative Stormwater Feature B	1	L.S.	\$2,500.00	\$2,500.00	\$20,075.00	\$20,075.00
ALTERNATE #1								
ALT#1	SPEC	One additional year of Green Infrastructure Operation and Maintenance	1	L.S.	\$45,000.00	\$45,000.00	\$50,000.00	\$50,000.00
TOTAL CONSTRUCTION COSTS						\$6,034,382.00		\$6,892,400.05
+/- ENGINEER'S ESTIMATE								+14.2%
ALTERNATE #1								
TOTAL CONSTRUCTION COSTS						\$45,000.00		\$50,000.00
+/- ENGINEER'S ESTIMATE								+11.1%