

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction Co.		2. Kenmore Construction Co.		3. Karvo Paving	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1		Contract Performance Bond	1	L.S.	\$27,000.00	\$27,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$12,500.00	\$12,500.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00
3	201	Trees Removed, 18"	14	EACH	\$350.00	\$4,900.00	\$325.00	\$4,550.00	\$250.00	\$3,500.00	\$295.00	\$4,130.00
4	203	Excavation Including Embankment Construction	5615	C.Y.	\$21.00	\$117,915.00	\$26.00	\$145,990.00	\$21.00	\$117,915.00	\$23.00	\$129,145.00
5	254	10" Ductile Iron Pipe	9	L.F.	\$125.00	\$1,125.00	\$10.00	\$90.00	\$200.00	\$1,800.00	\$500.00	\$4,500.00
6	259	10" 45 Degree Bend	4	EACH	\$250.00	\$1,000.00	\$50.00	\$200.00	\$350.00	\$1,400.00	\$600.00	\$2,400.00
7	261	Polyethylene Encasement	20	L.F.	\$1.00	\$20.00	\$1.00	\$20.00	\$0.50	\$10.00	\$7.00	\$140.00
8	265	Water Main Valve Boxes Adjusted	20	EACH	\$60.00	\$1,200.00	\$60.00	\$1,200.00	\$150.00	\$3,000.00	\$500.00	\$10,000.00
9	301	7-3/4 inch Bituminous Aggregate Base	1870	C.Y.	\$130.00	\$243,100.00	\$106.00	\$198,220.00	\$130.00	\$243,100.00	\$113.00	\$211,310.00
10	304	Aggregate Base, 6" Thick, Limestone only	1448	C.Y.	\$85.00	\$123,080.00	\$52.00	\$75,296.00	\$52.00	\$75,296.00	\$65.00	\$94,120.00
11	407	Tack Coat	288	GAL.	\$4.00	\$1,152.00	\$3.00	\$864.00	\$3.00	\$864.00	\$1.65	\$475.20
12	446	Asphalt Concrete, Surface Course, Type 1, Medium, PG 64-	302	C.Y.	\$225.00	\$67,950.00	\$130.00	\$39,260.00	\$145.00	\$43,790.00	\$168.00	\$50,736.00
13	446	Asphalt Concrete, Intermediate Course, Type 2, Medium,	724	C.Y.	\$165.00	\$119,460.00	\$115.00	\$83,260.00	\$140.00	\$101,360.00	\$130.00	\$94,120.00
14	448	Asphalt Concrete, 4" Thick Driveway Reconstruction	10	C.Y.	\$190.00	\$1,900.00	\$210.00	\$2,100.00	\$300.00	\$3,000.00	\$320.00	\$3,200.00
15	455	6"x18" Concrete Curb	4472	L.F.	\$19.00	\$84,968.00	\$13.00	\$58,136.00	\$20.00	\$89,440.00	\$22.00	\$98,384.00
16	456	Concrete Walk, 6 inches Thick	3521	S.F.	\$6.00	\$21,126.00	\$6.25	\$22,006.25	\$6.00	\$21,126.00	\$8.00	\$28,168.00
17	456	6" Concrete for Drive Reconstruction	240	S.F.	\$6.00	\$1,440.00	\$6.25	\$1,500.00	\$6.00	\$1,440.00	\$8.00	\$1,920.00
18	456	Curb Ramps	13	EACH	\$600.00	\$7,800.00	\$150.00	\$1,950.00	\$600.00	\$7,800.00	\$500.00	\$6,500.00
19	456	Concrete Aprons	667	S.F.	\$7.00	\$4,669.00	\$6.25	\$4,168.75	\$6.50	\$4,335.50	\$7.00	\$4,669.00
20	552	Reconstruct 12 inch VCP Storm Sewer, Type A, Class B Ber	111	L.F.	\$75.00	\$8,325.00	\$75.00	\$8,325.00	\$125.00	\$13,875.00	\$137.00	\$15,207.00
21	552	Reconstruct 12 inch RCP Storm Sewer, Type A, Class B Ber	50	L.F.	\$80.00	\$4,000.00	\$80.00	\$4,000.00	\$75.00	\$3,750.00	\$112.00	\$5,600.00
22	552	Reconstruct 12 inch RCP Storm Sewer, Type B, Class B Ber	88	L.F.	\$70.00	\$6,160.00	\$63.00	\$5,544.00	\$85.00	\$7,480.00	\$105.00	\$9,240.00
23	552	Reconstruct 15 inch RCP Storm Sewer, Type A, Class B Ber	76	L.F.	\$90.00	\$6,840.00	\$78.00	\$5,928.00	\$74.00	\$5,624.00	\$150.00	\$11,400.00
24	552	Reconstruct 18 inch VCP Storm Sewer, Type A, Class B Ber	7	L.F.	\$95.00	\$665.00	\$400.00	\$2,800.00	\$220.00	\$1,540.00	\$500.00	\$3,500.00
25	552	Reconstruct 18 inch RCP Storm Sewer, Type A, Class B Ber	326	L.F.	\$100.00	\$32,600.00	\$75.00	\$24,450.00	\$85.00	\$27,710.00	\$97.00	\$31,622.00
26	552	Reconstruct 24 inch RCP Storm Sewer, Type A, Class B Ber	327	L.F.	\$110.00	\$35,970.00	\$85.00	\$27,795.00	\$110.00	\$35,970.00	\$114.00	\$37,278.00
27	553	12 inch Inlet Connections, Type A, Class B Bedding	570	L.F.	\$70.00	\$39,900.00	\$80.00	\$45,600.00	\$70.00	\$39,900.00	\$66.00	\$37,620.00
28	553	15 inch Inlet Connections, Type A, Class B Bedding	70	L.F.	\$80.00	\$5,600.00	\$80.00	\$5,600.00	\$90.00	\$6,300.00	\$83.00	\$5,810.00
29	556	House Drain Pipe, Complete	14	EACH	\$30.00	\$420.00	\$50.00	\$700.00	\$1.00	\$14.00	\$300.00	\$4,200.00
30	556	House Drain Pipe, Type A	28	L.F.	\$2.50	\$70.00	\$4.00	\$112.00	\$1.00	\$28.00	\$23.00	\$644.00
31	557	Reconstruct 8" Sanitary Sewer, V.C.P., Class 'B' Bedding	30	L.F.	\$150.00	\$4,500.00	\$430.00	\$12,900.00	\$350.00	\$10,500.00	\$600.00	\$18,000.00
32	562	Brick Manhole Adjusted	31	EACH	\$250.00	\$7,750.00	\$625.00	\$19,375.00	\$500.00	\$15,500.00	\$900.00	\$27,900.00
33	563	Inlet, No. 5 (Castings Supplied by CoA)	18	EACH	\$2,000.00	\$36,000.00	\$1,850.00	\$33,300.00	\$1,200.00	\$21,600.00	\$2,200.00	\$39,600.00
34	563	Inlet, Double No. 5 (Castings Supplied by CoA)	2	EACH	\$2,500.00	\$5,000.00	\$2,200.00	\$4,400.00	\$1,500.00	\$3,000.00	\$3,850.00	\$7,700.00
35	563	Inlet, No. 3, Reconstructed (Castings Supplied by CoA)	3	EACH	\$3,000.00	\$9,000.00	\$1,800.00	\$5,400.00	\$1,200.00	\$3,600.00	\$4,500.00	\$13,500.00
36	564	4 inch Pipe Underdrains	4450	L.F.	\$7.00	\$31,150.00	\$6.00	\$26,700.00	\$7.00	\$31,150.00	\$5.00	\$22,250.00
37	603	Limestone, for driveway reconstruction	4	C.Y.	\$50.00	\$200.00	\$1.00	\$4.00	\$50.00	\$200.00	\$76.42	\$305.68
38	606	Guardrail, Type 5	2016	L.F.	\$35.00	\$70,560.00	\$19.00	\$38,304.00	\$17.00	\$34,272.00	\$17.25	\$34,776.00
39	607	Fence, 72" CLTRBR, Black Vinyl Coated Fabric w/ Black	2011	L.F.	\$40.00	\$80,440.00	\$26.00	\$52,286.00	\$23.00	\$46,253.00	\$23.80	\$47,861.80
40	609	Engineering Geogrid for Roadways, BX-1200	500	S.Y.	\$5.00	\$2,500.00	\$2.00	\$1,000.00	\$3.00	\$1,500.00	\$2.50	\$1,250.00
41	614	Maintaining Traffic	1	L.S.	\$25,000.00	\$25,000.00	\$60,000.00	\$60,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
42	616	Calcium Chloride	5	TONS	\$20.00	\$100.00	\$10.00	\$50.00	\$100.00	\$500.00	\$20.00	\$100.00
43	619	Field Office	1	L.S.	\$8,000.00	\$8,000.00	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$10,000.00	\$10,000.00
44	ODOT 645	Center Line, Double, Type A3	1601	L.F.	\$12.00	\$19,212.00	\$11.00	\$17,611.00	\$10.00	\$16,010.00	\$6.55	\$10,486.55
45	ODOT 645	Bike Symbol, Type A3	18	EACH	\$400.00	\$7,200.00	\$577.00	\$10,386.00	\$450.00	\$8,100.00	\$500.00	\$9,000.00
46	ODOT 645	Edge Lines, Solid, Type 4" (Bike Lane)	3580	L.F.	\$7.00	\$25,060.00	\$5.50	\$19,690.00	\$5.00	\$17,900.00	\$4.40	\$15,752.00
47	ODOT 645	Edge Lines, Short Dash, Type 4" (Bike Lane)	161	L.F.	\$7.00	\$1,127.00	\$4.95	\$796.95	\$4.00	\$644.00	\$4.20	\$676.20
48	622	Monument Boxes (Castings Supplied by CoA)	11	EACH	\$350.00	\$3,850.00	\$250.00	\$2,750.00	\$600.00	\$6,600.00	\$959.67	\$10,556.37

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction Co.		2. Kenmore Construction Co.		3. Karvo Paving	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
49	623	Construction Layout Stakes	1	L.S.	\$30,000.00	\$30,000.00	\$19,162.00	\$19,162.00	\$10,000.00	\$10,000.00	\$14,575.00	\$14,575.00
50	624	Mobilization	1	L.S.	\$50,000.00	\$50,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$48,000.00	\$48,000.00
51	629	Street Name Sign	6	EACH	\$200.00	\$1,200.00	\$110.00	\$660.00	\$100.00	\$600.00	\$100.00	\$600.00
52	629	Street Name Sign Pole	6	EACH	\$250.00	\$1,500.00	\$126.00	\$756.00	\$115.00	\$690.00	\$115.00	\$690.00
53	630	Traffic Sign - Type A	14	EACH	\$250.00	\$3,500.00	\$195.00	\$2,730.00	\$185.00	\$2,590.00	\$185.00	\$2,590.00
54	630	Traffic Sign - Type B	28	EACH	\$300.00	\$8,400.00	\$195.00	\$5,460.00	\$185.00	\$5,180.00	\$185.00	\$5,180.00
55	630	Traffic Sign - Type C	1	EACH	\$500.00	\$500.00	\$195.00	\$195.00	\$185.00	\$185.00	\$185.00	\$185.00
56	653	Topsoil Furnished & Placed, 4" Thick	5777	S.Y.	\$6.00	\$34,662.00	\$4.00	\$23,108.00	\$5.00	\$28,885.00	\$3.60	\$20,797.20
57	659	Lawn Seeding and Mulching	5777	S.Y.	\$3.00	\$17,331.00	\$2.00	\$11,554.00	\$1.50	\$8,665.50	\$1.75	\$10,109.75
58	663	Tree Planting	16	EACH	\$500.00	\$8,000.00	\$577.00	\$9,232.00	\$470.00	\$7,520.00	\$525.00	\$8,400.00
TOTAL CONSTRUCTION COSTS						\$1,472,097.00		\$1,195,974.95		\$1,214,512.00		\$1,325,379.75
+/- ENGINEER'S ESTIMATE								-18.8%		-17.5%		-10.0%

*Local EDGE, DBE, MBE and WBE Company Participation Plan - Part 2 not submitted. Local Hiring Policies 1-4 not submitted. AEB - Request to Sublet not submitted.

**Ref # 2 correction was initialed but not dated. Unofficial Construction Cost Total was initialed but not dated.

***Local Hiring Policy Form 2, 3, and 4 not submitted. OPWC - Assisted Construction Projects Regulations & Form - Info not submitted.

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. Cavanaugh Building Corp.		*5. Lockhart Concrete		**6. S.E.T., Inc.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1		Contract Performance Bond	1	L.S.	\$27,000.00	\$27,000.00	\$20,000.00	\$20,000.00	\$39,000.00	\$39,000.00	\$18,500.00	\$18,500.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$116,000.00	\$116,000.00	\$19,000.00	\$19,000.00	\$20,000.00	\$20,000.00
3	201	Trees Removed, 18"	14	EACH	\$350.00	\$4,900.00	\$300.00	\$4,200.00	\$100.00	\$1,400.00	\$650.00	\$9,100.00
4	203	Excavation Including Embankment Construction	5615	C.Y.	\$21.00	\$117,915.00	\$24.00	\$134,760.00	\$15.00	\$84,225.00	\$33.00	\$185,295.00
5	254	10" Ductile Iron Pipe	9	L.F.	\$125.00	\$1,125.00	\$650.00	\$5,850.00	\$100.00	\$900.00	\$250.00	\$2,250.00
6	259	10" 45 Degree Bend	4	EACH	\$250.00	\$1,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$400.00	\$1,600.00
7	261	Polyethylene Encasement	20	L.F.	\$1.00	\$20.00	\$8.00	\$160.00	\$2.00	\$40.00	\$1.00	\$20.00
8	265	Water Main Valve Boxes Adjusted	20	EACH	\$60.00	\$1,200.00	\$120.00	\$2,400.00	\$50.00	\$1,000.00	\$250.00	\$5,000.00
9	301	7-3/4 inch Bituminous Aggregate Base	1870	C.Y.	\$130.00	\$243,100.00	\$120.00	\$224,400.00	\$124.00	\$231,880.00	\$120.00	\$224,400.00
10	304	Aggregate Base, 6" Thick, Limestone only	1448	C.Y.	\$85.00	\$123,080.00	\$60.00	\$86,880.00	\$45.00	\$65,160.00	\$65.00	\$94,120.00
11	407	Tack Coat	288	GAL.	\$4.00	\$1,152.00	\$3.00	\$864.00	\$2.00	\$576.00	\$2.80	\$806.40
12	446	Asphalt Concrete, Surface Course, Type 1, Medium, PG 64-	302	C.Y.	\$225.00	\$67,950.00	\$200.00	\$60,400.00	\$160.00	\$48,320.00	\$210.00	\$63,420.00
13	446	Asphalt Concrete, Intermediate Course, Type 2, Medium,	724	C.Y.	\$165.00	\$119,460.00	\$150.00	\$108,600.00	\$120.00	\$86,880.00	\$154.00	\$111,496.00
14	448	Asphalt Concrete, 4" Thick Driveway Reconstruction	10	C.Y.	\$190.00	\$1,900.00	\$300.00	\$3,000.00	\$200.00	\$2,000.00	\$215.00	\$2,150.00
15	455	6"x18" Concrete Curb	4472	L.F.	\$19.00	\$84,968.00	\$21.00	\$93,912.00	\$30.00	\$134,160.00	\$18.50	\$82,732.00
16	456	Concrete Walk, 6 inches Thick	3521	S.F.	\$6.00	\$21,126.00	\$8.00	\$28,168.00	\$6.00	\$21,126.00	\$9.00	\$31,689.00
17	456	6" Concrete for Drive Reconstruction	240	S.F.	\$6.00	\$1,440.00	\$9.00	\$2,160.00	\$6.00	\$1,440.00	\$7.00	\$1,680.00
18	456	Curb Ramps	13	EACH	\$600.00	\$7,800.00	\$850.00	\$11,050.00	\$500.00	\$6,500.00	\$1,100.00	\$14,300.00
19	456	Concrete Aprons	667	S.F.	\$7.00	\$4,669.00	\$9.00	\$6,003.00	\$6.00	\$4,002.00	\$7.50	\$5,002.50
20	552	Reconstruct 12 inch VCP Storm Sewer, Type A, Class B Bed	111	L.F.	\$75.00	\$8,325.00	\$118.00	\$13,098.00	\$113.00	\$12,543.00	\$98.00	\$10,878.00
21	552	Reconstruct 12 inch RCP Storm Sewer, Type A, Class B Bed	50	L.F.	\$80.00	\$4,000.00	\$61.00	\$3,050.00	\$111.00	\$5,550.00	\$141.00	\$7,050.00
22	552	Reconstruct 12 inch RCP Storm Sewer, Type B, Class B Bed	88	L.F.	\$70.00	\$6,160.00	\$105.00	\$9,240.00	\$111.00	\$9,768.00	\$83.00	\$7,304.00
23	552	Reconstruct 15 inch RCP Storm Sewer, Type A, Class B Bed	76	L.F.	\$90.00	\$6,840.00	\$68.00	\$5,168.00	\$115.00	\$8,740.00	\$99.00	\$7,524.00
24	552	Reconstruct 18 inch VCP Storm Sewer, Type A, Class B Bed	7	L.F.	\$95.00	\$665.00	\$690.00	\$4,830.00	\$125.00	\$875.00	\$300.00	\$2,100.00
25	552	Reconstruct 18 inch RCP Storm Sewer, Type A, Class B Bed	326	L.F.	\$100.00	\$32,600.00	\$71.00	\$23,146.00	\$120.00	\$39,120.00	\$103.00	\$33,578.00
26	552	Reconstruct 24 inch RCP Storm Sewer, Type A, Class B Bed	327	L.F.	\$110.00	\$35,970.00	\$88.00	\$28,776.00	\$160.00	\$52,320.00	\$117.00	\$38,259.00
27	553	12 inch Inlet Connections, Type A, Class B Bedding	570	L.F.	\$70.00	\$39,900.00	\$62.00	\$35,340.00	\$115.00	\$65,550.00	\$138.00	\$78,660.00
28	553	15 inch Inlet Connections, Type A, Class B Bedding	70	L.F.	\$80.00	\$5,600.00	\$78.00	\$5,460.00	\$125.00	\$8,750.00	\$150.00	\$10,500.00
29	556	House Drain Pipe, Complete	14	EACH	\$30.00	\$420.00	\$190.00	\$2,660.00	\$50.00	\$700.00	\$75.00	\$1,050.00
30	556	House Drain Pipe, Type A	28	L.F.	\$2.50	\$70.00	\$15.00	\$420.00	\$10.00	\$280.00	\$10.00	\$280.00
31	557	Reconstruct 8" Sanitary Sewer, V.C.P., Class 'B' Bedding	30	L.F.	\$150.00	\$4,500.00	\$315.00	\$9,450.00	\$200.00	\$6,000.00	\$360.00	\$10,800.00
32	562	Brick Manhole Adjusted	31	EACH	\$250.00	\$7,750.00	\$225.00	\$6,975.00	\$300.00	\$9,300.00	\$500.00	\$15,500.00
33	563	Inlet, No. 5 (Castings Supplied by CoA)	18	EACH	\$2,000.00	\$36,000.00	\$890.00	\$16,020.00	\$1,000.00	\$18,000.00	\$2,150.00	\$38,700.00
34	563	Inlet, Double No. 5 (Castings Supplied by CoA)	2	EACH	\$2,500.00	\$5,000.00	\$1,800.00	\$3,600.00	\$1,250.00	\$2,500.00	\$3,000.00	\$6,000.00
35	563	Inlet, No. 3, Reconstructed (Castings Supplied by CoA)	3	EACH	\$3,000.00	\$9,000.00	\$1,500.00	\$4,500.00	\$3,750.00	\$11,250.00	\$875.00	\$2,625.00
36	564	4 inch Pipe Underdrains	4450	L.F.	\$7.00	\$31,150.00	\$9.50	\$42,275.00	\$7.00	\$31,150.00	\$9.50	\$42,275.00
37	603	Limestone, for driveway reconstruction	4	C.Y.	\$50.00	\$200.00	\$45.00	\$180.00	\$50.00	\$200.00	\$150.00	\$600.00
38	606	Guardrail, Type 5	2016	L.F.	\$35.00	\$70,560.00	\$25.00	\$50,400.00	\$30.00	\$60,480.00	\$26.00	\$52,416.00
39	607	Fence, 72" CLTRBR, Black Vinyl Coated Fabric w/ Black	2011	L.F.	\$40.00	\$80,440.00	\$23.00	\$46,253.00	\$25.00	\$50,275.00	\$25.00	\$50,275.00
40	609	Engineering Geogrid for Roadways, BX-1200	500	S.Y.	\$5.00	\$2,500.00	\$4.00	\$2,000.00	\$4.00	\$2,000.00	\$2.50	\$1,250.00
41	614	Maintaining Traffic	1	L.S.	\$25,000.00	\$25,000.00	\$57,163.00	\$57,163.00	\$104,383.75	\$104,383.75	\$42,500.00	\$42,500.00
42	616	Calcium Chloride	5	TONS	\$20.00	\$100.00	\$150.00	\$750.00	\$800.00	\$4,000.00	\$125.00	\$625.00
43	619	Field Office	1	L.S.	\$8,000.00	\$8,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
44	ODOT 645	Center Line, Double, Type A3	1601	L.F.	\$12.00	\$19,212.00	\$10.00	\$16,010.00	\$6.00	\$9,606.00	\$10.80	\$17,290.80
45	ODOT 645	Bike Symbol, Type A3	18	EACH	\$400.00	\$7,200.00	\$525.00	\$9,450.00	\$400.00	\$7,200.00	\$775.00	\$13,950.00
46	ODOT 645	Edge Lines, Solid, Type 4" (Bike Lane)	3580	L.F.	\$7.00	\$25,060.00	\$5.00	\$17,900.00	\$3.00	\$10,740.00	\$5.50	\$19,690.00
47	ODOT 645	Edge Lines, Short Dash, Type 4" (Bike Lane)	161	L.F.	\$7.00	\$1,127.00	\$5.00	\$805.00	\$2.00	\$322.00	\$5.00	\$805.00
48	622	Monument Boxes (Castings Supplied by CoA)	11	EACH	\$350.00	\$3,850.00	\$400.00	\$4,400.00	\$250.00	\$2,750.00	\$560.00	\$6,160.00

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					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
49	623	Construction Layout Stakes	1	L.S.	\$30,000.00	\$30,000.00	\$24,000.00	\$24,000.00	\$86,383.75	\$86,383.75	\$16,000.00	\$16,000.00
50	624	Mobilization	1	L.S.	\$50,000.00	\$50,000.00	\$46,000.00	\$46,000.00	\$104,383.75	\$104,383.75	\$75,000.00	\$75,000.00
51	629	Street Name Sign	6	EACH	\$200.00	\$1,200.00	\$100.00	\$600.00	\$500.00	\$3,000.00	\$110.00	\$660.00
52	629	Street Name Sign Pole	6	EACH	\$250.00	\$1,500.00	\$100.00	\$600.00	\$20.00	\$120.00	\$126.00	\$756.00
53	630	Traffic Sign - Type A	14	EACH	\$250.00	\$3,500.00	\$200.00	\$2,800.00	\$80.00	\$1,120.00	\$202.00	\$2,828.00
54	630	Traffic Sign - Type B	28	EACH	\$300.00	\$8,400.00	\$200.00	\$5,600.00	\$180.00	\$5,040.00	\$202.00	\$5,656.00
55	630	Traffic Sign - Type C	1	EACH	\$500.00	\$500.00	\$200.50	\$200.50	\$450.00	\$450.00	\$202.00	\$202.00
56	653	Topsoil Furnished & Placed, 4" Thick	5777	S.Y.	\$6.00	\$34,662.00	\$4.00	\$23,108.00	\$2.75	\$15,886.75	\$3.50	\$20,219.50
57	659	Lawn Seeding and Mulching	5777	S.Y.	\$3.00	\$17,331.00	\$1.50	\$8,665.50	\$2.00	\$11,554.00	\$1.35	\$7,798.95
58	663	Tree Planting	16	EACH	\$500.00	\$8,000.00	\$425.00	\$6,800.00	\$600.00	\$9,600.00	\$515.00	\$8,240.00
TOTAL CONSTRUCTION COSTS						\$1,472,097.00		\$1,451,000.00		\$1,524,000.00		\$1,534,566.15
+/- ENGINEER'S ESTIMATE								-1.4%		+3.5%		+4.2%

*Local EDGE, DBE, MBE and WBE Company Participation Plan - Part 2 not submitted. Local Hiring Policies 1-4 not submitted

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***Local Hiring Policy Form 2, 3, and 4 not submitted. OPWC - Assisted Construction Projects Regulations & Form - Info not s

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		***7. Marra Services	
					PRICE	AMOUNT	PRICE	AMOUNT
1		Contract Performance Bond	1	L.S.	\$27,000.00	\$27,000.00	\$40,000.00	\$40,000.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
3	201	Trees Removed, 18"	14	EACH	\$350.00	\$4,900.00	\$500.00	\$7,000.00
4	203	Excavation Including Embankment Construction	5615	C.Y.	\$21.00	\$117,915.00	\$20.00	\$112,300.00
5	254	10" Ductile Iron Pipe	9	L.F.	\$125.00	\$1,125.00	\$100.00	\$900.00
6	259	10" 45 Degree Bend	4	EACH	\$250.00	\$1,000.00	\$250.00	\$1,000.00
7	261	Polyethylene Encasement	20	L.F.	\$1.00	\$20.00	\$100.00	\$2,000.00
8	265	Water Main Valve Boxes Adjusted	20	EACH	\$60.00	\$1,200.00	\$100.00	\$2,000.00
9	301	7-3/4 inch Bituminous Aggregate Base	1870	C.Y.	\$130.00	\$243,100.00	\$125.00	\$233,750.00
10	304	Aggregate Base, 6" Thick, Limestone only	1448	C.Y.	\$85.00	\$123,080.00	\$58.00	\$83,984.00
11	407	Tack Coat	288	GAL.	\$4.00	\$1,152.00	\$2.40	\$691.20
12	446	Asphalt Concrete, Surface Course, Type 1, Medium, PG 64-	302	C.Y.	\$225.00	\$67,950.00	\$191.00	\$57,682.00
13	446	Asphalt Concrete, Intermediate Course, Type 2, Medium,	724	C.Y.	\$165.00	\$119,460.00	\$139.00	\$100,636.00
14	448	Asphalt Concrete, 4" Thick Driveway Reconstruction	10	C.Y.	\$190.00	\$1,900.00	\$240.00	\$2,400.00
15	455	6"x18" Concrete Curb	4472	L.F.	\$19.00	\$84,968.00	\$11.10	\$49,639.20
16	456	Concrete Walk, 6 inches Thick	3521	S.F.	\$6.00	\$21,126.00	\$6.50	\$22,886.50
17	456	6" Concrete for Drive Reconstruction	240	S.F.	\$6.00	\$1,440.00	\$7.50	\$1,800.00
18	456	Curb Ramps	13	EACH	\$600.00	\$7,800.00	\$390.00	\$5,070.00
19	456	Concrete Aprons	667	S.F.	\$7.00	\$4,669.00	\$7.50	\$5,002.50
20	552	Reconstruct 12 inch VCP Storm Sewer, Type A, Class B Ber	111	L.F.	\$75.00	\$8,325.00	\$235.00	\$26,085.00
21	552	Reconstruct 12 inch RCP Storm Sewer, Type A, Class B Ber	50	L.F.	\$80.00	\$4,000.00	\$235.00	\$11,750.00
22	552	Reconstruct 12 inch RCP Storm Sewer, Type B, Class B Ber	88	L.F.	\$70.00	\$6,160.00	\$235.00	\$20,680.00
23	552	Reconstruct 15 inch RCP Storm Sewer, Type A, Class B Ber	76	L.F.	\$90.00	\$6,840.00	\$235.00	\$17,860.00
24	552	Reconstruct 18 inch VCP Storm Sewer, Type A, Class B Ber	7	L.F.	\$95.00	\$665.00	\$500.00	\$3,500.00
25	552	Reconstruct 18 inch RCP Storm Sewer, Type A, Class B Ber	326	L.F.	\$100.00	\$32,600.00	\$240.00	\$78,240.00
26	552	Reconstruct 24 inch RCP Storm Sewer, Type A, Class B Ber	327	L.F.	\$110.00	\$35,970.00	\$265.00	\$86,655.00
27	553	12 inch Inlet Connections, Type A, Class B Bedding	570	L.F.	\$70.00	\$39,900.00	\$235.00	\$133,950.00
28	553	15 inch Inlet Connections, Type A, Class B Bedding	70	L.F.	\$80.00	\$5,600.00	\$235.00	\$16,450.00
29	556	House Drain Pipe, Complete	14	EACH	\$30.00	\$420.00	\$30.00	\$420.00
30	556	House Drain Pipe, Type A	28	L.F.	\$2.50	\$70.00	\$10.00	\$280.00
31	557	Reconstruct 8" Sanitary Sewer, V.C.P., Class 'B' Bedding	30	L.F.	\$150.00	\$4,500.00	\$450.00	\$13,500.00
32	562	Brick Manhole Adjusted	31	EACH	\$250.00	\$7,750.00	\$250.00	\$7,750.00
33	563	Inlet, No. 5 (Castings Supplied by CoA)	18	EACH	\$2,000.00	\$36,000.00	\$1,000.00	\$18,000.00
34	563	Inlet, Double No. 5 (Castings Supplied by CoA)	2	EACH	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00
35	563	Inlet, No. 3, Reconstructed (Castings Supplied by CoA)	3	EACH	\$3,000.00	\$9,000.00	\$500.00	\$1,500.00
36	564	4 inch Pipe Underdrains	4450	L.F.	\$7.00	\$31,150.00	\$7.00	\$31,150.00
37	603	Limestone, for driveway reconstruction	4	C.Y.	\$50.00	\$200.00	\$250.00	\$1,000.00
38	606	Guardrail, Type 5	2016	L.F.	\$35.00	\$70,560.00	\$16.00	\$32,256.00
39	607	Fence, 72" CLTRBR, Black Vinyl Coated Fabric w/ Black	2011	L.F.	\$40.00	\$80,440.00	\$25.00	\$50,275.00
40	609	Engineering Geogrid for Roadways, BX-1200	500	S.Y.	\$5.00	\$2,500.00	\$3.00	\$1,500.00
41	614	Maintaining Traffic	1	L.S.	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00
42	616	Calcium Chloride	5	TONS	\$20.00	\$100.00	\$200.00	\$1,000.00
43	619	Field Office	1	L.S.	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00
44	ODOT 645	Center Line, Double, Type A3	1601	L.F.	\$12.00	\$19,212.00	\$11.00	\$17,611.00
45	ODOT 645	Bike Symbol, Type A3	18	EACH	\$400.00	\$7,200.00	\$575.00	\$10,350.00
46	ODOT 645	Edge Lines, Solid, Type 4" (Bike Lane)	3580	L.F.	\$7.00	\$25,060.00	\$6.00	\$21,480.00
47	ODOT 645	Edge Lines, Short Dash, Type 4" (Bike Lane)	161	L.F.	\$7.00	\$1,127.00	\$6.00	\$966.00
48	622	Monument Boxes (Castings Supplied by CoA)	5	11 EACH	\$350.00	\$3,850.00	\$100.00	\$1,100.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		***7. Marra Services	
					PRICE	AMOUNT	PRICE	AMOUNT
49	623	Construction Layout Stakes	1	L.S.	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00
50	624	Mobilization	1	L.S.	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
51	629	Street Name Sign	6	EACH	\$200.00	\$1,200.00	\$150.00	\$900.00
52	629	Street Name Sign Pole	6	EACH	\$250.00	\$1,500.00	\$175.00	\$1,050.00
53	630	Traffic Sign - Type A	14	EACH	\$250.00	\$3,500.00	\$225.00	\$3,150.00
54	630	Traffic Sign - Type B	28	EACH	\$300.00	\$8,400.00	\$225.00	\$6,300.00
55	630	Traffic Sign - Type C	1	EACH	\$500.00	\$500.00	\$225.00	\$225.00
56	653	Topsoil Furnished & Placed, 4" Thick	5777	S.Y.	\$6.00	\$34,662.00	\$7.50	\$43,327.50
57	659	Lawn Seeding and Mulching	5777	S.Y.	\$3.00	\$17,331.00	\$2.00	\$11,554.00
58	663	Tree Planting	16	EACH	\$500.00	\$8,000.00	\$600.00	\$9,600.00
TOTAL CONSTRUCTION COSTS						\$1,472,097.00		\$1,564,155.90
+/- ENGINEER'S ESTIMATE								+6.3%

*Local EDGE, DBE, MBE and WBE Company Participation Plan - Part 2 not submitted. Local Hiring Policies 1-4 not submitted

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