

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*1. H.M. Miller Construction		**2. Lockhart Concrete		***3. Kenmore Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$12,000.00	\$12,000.00	\$28,500.00	\$28,500.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$9,710.00	\$9,710.00	\$19,000.00	\$19,000.00	\$5,000.00	\$5,000.00
3	201	Trees Removed, 18"	9	EACH	\$300.00	\$2,700.00	\$500.00	\$4,500.00	\$250.00	\$2,250.00	\$300.00	\$2,700.00
4	201	Trees Removed, 30"	2	EACH	\$600.00	\$1,200.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$700.00	\$1,400.00
5	202	Pavement Removed	1155	S.Y.	\$10.00	\$11,550.00	\$1.00	\$1,155.00	\$1.00	\$1,155.00	\$10.00	\$11,550.00
6	202	Wearing Course Removed	4250	S.Y.	\$15.00	\$63,750.00	\$0.10	\$425.00	\$0.50	\$2,125.00	\$3.00	\$12,750.00
7	202	Curb Removed	68	L.F.	\$5.00	\$340.00	\$5.00	\$340.00	\$1.00	\$68.00	\$10.00	\$680.00
8	202	Pipe Removed, 8 inch	1541	L.F.	\$10.00	\$15,410.00	\$1.00	\$1,541.00	\$1.00	\$1,541.00	\$7.00	\$10,787.00
9	202	Manhole Removed	3	EACH	\$600.00	\$1,800.00	\$500.00	\$1,500.00	\$100.00	\$300.00	\$500.00	\$1,500.00
10	202	Guardrail Removed for Reuse	20	L.F.	\$10.00	\$200.00	\$10.00	\$200.00	\$5.00	\$100.00	\$20.00	\$400.00
11	202	Fence Removed	20	L.F.	\$3.00	\$60.00	\$1.00	\$20.00	\$5.00	\$100.00	\$10.00	\$200.00
12	203	Embankment	50	C.Y.	\$10.00	\$500.00	\$10.00	\$500.00	\$15.00	\$750.00	\$5.00	\$250.00
13	203	Excavation not Including Embankment Construction	50	C.Y.	\$15.00	\$750.00	\$25.00	\$1,250.00	\$15.00	\$750.00	\$12.00	\$600.00
14	203	Aggregate Refill, Type 1	52	C.Y.	\$40.00	\$2,080.00	\$60.00	\$3,120.00	\$50.00	\$2,600.00	\$50.00	\$2,600.00
15	203	Aggregate Refill, Type 2	677	C.Y.	\$30.00	\$20,310.00	\$73.00	\$49,421.00	\$50.00	\$33,850.00	\$50.00	\$33,850.00
16	203	Subgrade Compaction	693	S.Y.	\$1.50	\$1,039.50	\$5.00	\$3,465.00	\$1.00	\$693.00	\$1.00	\$693.00
17	254	6 inch Ductile Iron Pipe	25	L.F.	\$110.00	\$2,750.00	\$10.00	\$250.00	\$70.00	\$1,750.00	\$75.00	\$1,875.00
18	254	8 inch Ductile Iron Pipe	446	L.F.	\$125.00	\$55,750.00	\$75.00	\$33,450.00	\$75.00	\$33,450.00	\$80.00	\$35,680.00
19	254	12 inch Ductile Iron Pipe	19	L.F.	\$150.00	\$2,850.00	\$119.00	\$2,261.00	\$90.00	\$1,710.00	\$125.00	\$2,375.00
20	258	6 inch Gate Valve	1	EACH	\$1,000.00	\$1,000.00	\$780.00	\$780.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00
21	258	8 inch Gate Valve	2	EACH	\$1,200.00	\$2,400.00	\$1,230.00	\$2,460.00	\$1,500.00	\$3,000.00	\$1,300.00	\$2,600.00
22	258	12 inch Gate Valve	1	EACH	\$2,200.00	\$2,200.00	\$2,090.00	\$2,090.00	\$2,500.00	\$2,500.00	\$2,200.00	\$2,200.00
23	259	12" X 12" X 8" Tee	1	EACH	\$700.00	\$700.00	\$650.00	\$650.00	\$700.00	\$700.00	\$650.00	\$650.00
24	259	8" 11.25 Degree Bend	2	EACH	\$700.00	\$1,400.00	\$270.00	\$540.00	\$250.00	\$500.00	\$250.00	\$500.00
25	259	8" 45 Degree Bend	2	EACH	\$700.00	\$1,400.00	\$280.00	\$560.00	\$250.00	\$500.00	\$250.00	\$500.00
26	259	6" 90 Degree Bend	1	EACH	\$700.00	\$700.00	\$250.00	\$250.00	\$200.00	\$200.00	\$250.00	\$250.00
27	259	12 inch to 6 inch Reducer	1	EACH	\$1,000.00	\$1,000.00	\$350.00	\$350.00	\$400.00	\$400.00	\$350.00	\$350.00
28	259	20 inch to 12 inch Reducer	1	EACH	\$1,000.00	\$1,000.00	\$935.00	\$935.00	\$1,000.00	\$1,000.00	\$900.00	\$900.00
29	259	Special - PCCP to Ductile Iron Coupling	1	EACH	\$2,000.00	\$2,000.00	\$3,745.00	\$3,745.00	\$4,000.00	\$4,000.00	\$4,800.00	\$4,800.00
30	260	Fire Hydrants	1	EACH	\$3,800.00	\$3,800.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$3,400.00	\$3,400.00
31	263	Tying Into Existing 20 inch Main	1	EACH	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00
32	264	18 inch Steel Casing Pipe (0.375 inch Min. Wall)	189	L.F.	\$300.00	\$56,700.00	\$283.00	\$53,487.00	\$100.00	\$18,900.00	\$500.00	\$94,500.00
33	301	Bituminous Aggregate Base (T=10 3/4")	51	C.Y.	\$135.00	\$6,885.00	\$1.00	\$51.00	\$200.00	\$10,200.00	\$125.00	\$6,375.00
34	305	8" Portland Concrete Base	986	S.Y.	\$65.00	\$64,090.00	\$0.10	\$98.60	\$55.00	\$54,230.00	\$80.00	\$78,880.00
35	407	Tack Coat	425	GAL.	\$2.50	\$1,062.50	\$2.60	\$1,105.00	\$2.00	\$850.00	\$3.00	\$1,275.00
36	446	Asphalt Concrete Surface Course, Type 1, (MEDIUM)	148	C.Y.	\$145.00	\$21,460.00	\$148.00	\$21,904.00	\$275.00	\$40,700.00	\$145.00	\$21,460.00
37	455	Combination Curb and Gutter	68	L.F.	\$30.00	\$2,040.00	\$25.00	\$1,700.00	\$29.00	\$1,972.00	\$30.00	\$2,040.00
38	456	Concrete Walk, 4 inches Thick	950	S.F.	\$5.50	\$5,225.00	\$5.00	\$4,750.00	\$6.00	\$5,700.00	\$6.00	\$5,700.00
39	456	Concrete Walk, 6 inches Thick	1160	S.F.	\$6.00	\$6,960.00	\$6.00	\$6,960.00	\$7.00	\$8,120.00	\$7.00	\$8,120.00
40	456	Curb Ramps	1	EACH	\$400.00	\$400.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$650.00	\$650.00
41	456	Concrete Driveway Reconstruction, 6 inches Thick	908	S.F.	\$6.00	\$5,448.00	\$6.00	\$5,448.00	\$7.00	\$6,356.00	\$7.00	\$6,356.00
42	557	8 inch Sanitary Sewer, 706.08, Class B Bedding	38	L.F.	\$220.00	\$8,360.00	\$310.00	\$11,780.00	\$361.00	\$13,718.00	\$140.00	\$5,320.00

REF. ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*1. H.M. Miller Construction		**2. Lockhart Concrete		***3. Kenmore Construction	
NO.				PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	557 10 inch Sanitary Sewer, 706.08, Class B Bedding	129	L.F.	\$250.00	\$32,250.00	\$305.00	\$39,345.00	\$386.00	\$49,794.00	\$200.00	\$25,800.00
44	557 15 inch Sanitary Sewer, 706.08, Class B Bedding	1951	L.F.	\$260.00	\$507,260.00	\$444.00	\$866,244.00	\$461.00	\$899,411.00	\$445.00	\$868,195.00
45	560 6 inch House Lateral, VCP, Class B Bedding	118	L.F.	\$80.00	\$9,440.00	\$60.00	\$7,080.00	\$90.00	\$10,620.00	\$100.00	\$11,800.00
46	560 Stack, 6 inch Encased	282	L.F.	\$100.00	\$28,200.00	\$75.00	\$21,150.00	\$70.00	\$19,740.00	\$100.00	\$28,200.00
47	562 Manhole MH-2A on Sanitary Sewer	6	EACH	\$3,700.00	\$22,200.00	\$5,635.00	\$33,810.00	\$3,000.00	\$18,000.00	\$6,500.00	\$39,000.00
48	562 Drop Manhole on Sanitary Sewer	2	EACH	\$5,500.00	\$11,000.00	\$7,475.00	\$14,950.00	\$6,000.00	\$12,000.00	\$9,000.00	\$18,000.00
49	563 Inlet Adjusted	1	EACH	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$300.00	\$300.00	\$700.00	\$700.00
50	564 4 Inch Pipe Underdrains	40	L.F.	\$8.00	\$320.00	\$8.50	\$340.00	\$10.00	\$400.00	\$10.00	\$400.00
51	604 Bank Run Gravel	930	C.Y.	\$20.00	\$18,600.00	\$0.10	\$93.00	\$20.00	\$18,600.00	\$0.01	\$9.30
52	606 Guardrail Rebuilt, Type 5	20	L.F.	\$15.00	\$300.00	\$25.00	\$500.00	\$40.00	\$800.00	\$30.00	\$600.00
53	607 Fence, Type CLBRMRTR, 72 inch, As Per Plan	20	L.F.	\$20.00	\$400.00	\$35.00	\$700.00	\$60.00	\$1,200.00	\$80.00	\$1,600.00
54	609 Engineering Geogrid for Roadways, BX1200	138	S.Y.	\$5.00	\$690.00	\$10.00	\$1,380.00	\$6.00	\$828.00	\$4.00	\$552.00
55	609 Engineering Geogrid for Roadways, BX1300	39	S.Y.	\$5.00	\$195.00	\$10.00	\$390.00	\$5.50	\$214.50	\$8.00	\$312.00
56	614 Maintaining Traffic	1	L.S.	\$7,500.00	\$7,500.00	\$6,000.00	\$6,000.00	\$49,000.00	\$49,000.00	\$25,000.00	\$25,000.00
57	619 Field Office	1	L.S.	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
58	621 Stop Lines	17	L.F.	\$10.00	\$170.00	\$6.00	\$102.00	\$20.00	\$340.00	\$20.00	\$340.00
59	621 Crosswalk Lines	86	L.F.	\$5.00	\$430.00	\$5.00	\$430.00	\$30.00	\$2,580.00	\$20.00	\$1,720.00
60	623 Construction Layout Stakes	1	L.S.	\$5,000.00	\$5,000.00	\$10,500.00	\$10,500.00	\$49,000.00	\$49,000.00	\$10,000.00	\$10,000.00
61	624 Mobilization	1	L.S.	\$15,000.00	\$15,000.00	\$34,000.00	\$34,000.00	\$29,000.00	\$29,000.00	\$90,000.00	\$90,000.00
62	626 Geotextile Fabric, Type D	2100	S.Y.	\$2.00	\$4,200.00	\$3.70	\$7,770.00	\$2.00	\$4,200.00	\$4.00	\$8,400.00
63	630 Removal of Ground Mounted Sign & Re-erection	4	EACH	\$70.00	\$280.00	\$50.00	\$200.00	\$100.00	\$400.00	\$25.00	\$100.00
64	630 Removal of Ground Mounted Post Support & Re-erect	4	EACH	\$50.00	\$200.00	\$50.00	\$200.00	\$100.00	\$400.00	\$25.00	\$100.00
65	630 Ground Mounted Supports, No. 3 Post	20	L.F.	\$9.00	\$180.00	\$7.50	\$150.00	\$30.00	\$600.00	\$10.00	\$200.00
66	630 Signs, Flat Sheet	13	S.F.	\$15.00	\$195.00	\$20.00	\$260.00	\$20.00	\$260.00	\$15.00	\$195.00
67 ODOT	638 Meter and Chamber Removed and Reset	2	EACH	\$800.00	\$1,600.00	\$1.00	\$2.00	\$1,000.00	\$2,000.00	\$5,000.00	\$10,000.00
68	653 Topsoil Furnished & Placed, 4" Thick	679	S.Y.	\$3.00	\$2,037.00	\$3.00	\$2,037.00	\$4.00	\$2,716.00	\$15.00	\$10,185.00
69	659 Lawn Seeding and Mulching	679	S.Y.	\$2.50	\$1,697.50	\$3.00	\$2,037.00	\$2.00	\$1,358.00	\$5.00	\$3,395.00
70	663 Tree Planting in Lawn Area	9	EACH	\$300.00	\$2,700.00	\$50.00	\$450.00	\$450.00	\$4,050.00	\$600.00	\$5,400.00
71 ODOT	690 Special - Mailbox Removed and Reset	2	EACH	\$150.00	\$300.00	\$50.00	\$100.00	\$100.00	\$200.00	\$200.00	\$400.00

TOTAL CONSTRUCTION COSTS \$1,082,114.50 \$1,323,971.60 \$1,498,249.50 \$1,553,519.30

+/- ENGINEER'S ESTIMATE +22.4% +38.5% +43.6%

* Ref #36 total is incorrect. The Unofficial Construction Cost Total is incorrect.

**Local Hiring & Workforce Participation Policy - Form 2 Incomplete

***Local Hiring & Workforce Participation Policy - Form 2 Incomplete

****Ref #s 18, 47 & 48 corrections were initialed but not dated. The Unofficial Construction Cost Total is incorrect. Local Hiring & Workforce Participation Policy - Form 1 & 2 - incomplete. Local EDGE, DBE, WBE & MBE Goals form incomplete.

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		****4. S.E.T., Inc.	
					PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$12,000.00	\$12,000.00	\$13,000.00	\$13,000.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00
3	201	Trees Removed, 18"	9	EACH	\$300.00	\$2,700.00	\$1,000.00	\$9,000.00
4	201	Trees Removed, 30"	2	EACH	\$600.00	\$1,200.00	\$1,250.00	\$2,500.00
5	202	Pavement Removed	1155	S.Y.	\$10.00	\$11,550.00	\$5.00	\$5,775.00
6	202	Wearing Course Removed	4250	S.Y.	\$15.00	\$63,750.00	\$5.00	\$21,250.00
7	202	Curb Removed	68	L.F.	\$5.00	\$340.00	\$5.00	\$340.00
8	202	Pipe Removed, 8 inch	1541	L.F.	\$10.00	\$15,410.00	\$3.00	\$4,623.00
9	202	Manhole Removed	3	EACH	\$600.00	\$1,800.00	\$300.00	\$900.00
10	202	Guardrail Removed for Reuse	20	L.F.	\$10.00	\$200.00	\$50.00	\$1,000.00
11	202	Fence Removed	20	L.F.	\$3.00	\$60.00	\$10.00	\$200.00
12	203	Embankment	50	C.Y.	\$10.00	\$500.00	\$30.00	\$1,500.00
13	203	Excavation not Including Embankment Construction	50	C.Y.	\$15.00	\$750.00	\$20.00	\$1,000.00
14	203	Aggregate Refill, Type 1	52	C.Y.	\$40.00	\$2,080.00	\$42.85	\$2,228.20
15	203	Aggregate Refill, Type 2	677	C.Y.	\$30.00	\$20,310.00	\$41.28	\$27,946.56
16	203	Subgrade Compaction	693	S.Y.	\$1.50	\$1,039.50	\$1.00	\$693.00
17	254	6 inch Ductile Iron Pipe	25	L.F.	\$110.00	\$2,750.00	\$85.28	\$2,132.00
18	254	8 inch Ductile Iron Pipe	446	L.F.	\$125.00	\$55,750.00	\$64.41	\$28,726.86
19	254	12 inch Ductile Iron Pipe	19	L.F.	\$150.00	\$2,850.00	\$104.65	\$1,988.35
20	258	6 inch Gate Valve	1	EACH	\$1,000.00	\$1,000.00	\$953.50	\$953.50
21	258	8 inch Gate Valve	2	EACH	\$1,200.00	\$2,400.00	\$1,351.05	\$2,702.10
22	258	12 inch Gate Valve	1	EACH	\$2,200.00	\$2,200.00	\$2,389.50	\$2,389.50
23	259	12" X 12" X 8" Tee	1	EACH	\$700.00	\$700.00	\$905.78	\$905.78
24	259	8" 11.25 Degree Bend	2	EACH	\$700.00	\$1,400.00	\$601.80	\$1,203.60
25	259	8" 45 Degree Bend	2	EACH	\$700.00	\$1,400.00	\$607.05	\$1,214.10
26	259	6" 90 Degree Bend	1	EACH	\$700.00	\$700.00	\$535.00	\$535.00
27	259	12 inch to 6 inch Reducer	1	EACH	\$1,000.00	\$1,000.00	\$562.50	\$562.50
28	259	20 inch to 12 inch Reducer	1	EACH	\$1,000.00	\$1,000.00	\$1,167.15	\$1,167.15
29	259	Special - PCCP to Ductile Iron Coupling	1	EACH	\$2,000.00	\$2,000.00	\$4,737.50	\$4,737.50
30	260	Fire Hydrants	1	EACH	\$3,800.00	\$3,800.00	\$4,059.45	\$4,059.45
31	263	Tying Into Existing 20 inch Main	1	EACH	\$3,000.00	\$3,000.00	\$1,945.00	\$1,945.00
32	264	18 inch Steel Casing Pipe (0.375 inch Min. Wall)	189	L.F.	\$300.00	\$56,700.00	\$349.42	\$66,040.38
33	301	Bituminous Aggregate Base (T=10 3/4")	51	C.Y.	\$135.00	\$6,885.00	\$300.00	\$15,300.00
34	305	8" Portland Concrete Base	986	S.Y.	\$65.00	\$64,090.00	\$37.09	\$36,570.74
35	407	Tack Coat	425	GAL.	\$2.50	\$1,062.50	\$5.00	\$2,125.00
36	446	Asphalt Concrete Surface Course, Type 1, (MEDIUM)	148	C.Y.	\$145.00	\$21,460.00	\$230.00	\$34,040.00
37	455	Combination Curb and Gutter	68	L.F.	\$30.00	\$2,040.00	\$45.00	\$3,060.00
38	456	Concrete Walk, 4 inches Thick	950	S.F.	\$5.50	\$5,225.00	\$6.98	\$6,631.00
39	456	Concrete Walk, 6 inches Thick	1160	S.F.	\$6.00	\$6,960.00	\$7.49	\$8,688.40
40	456	Curb Ramps	1	EACH	\$400.00	\$400.00	\$1,800.00	\$1,800.00
41	456	Concrete Driveway Reconstruction, 6 inches Thick	908	S.F.	\$6.00	\$5,448.00	\$7.50	\$6,810.00
42	557	8 inch Sanitary Sewer, 706.08, Class B Bedding	38	L.F.	\$220.00	\$8,360.00	\$200.07	\$7,602.66

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		****4. S.E.T., Inc.	
					PRICE	AMOUNT	PRICE	AMOUNT
43	557	10 inch Sanitary Sewer, 706.08, Class B Bedding	129	L.F.	\$250.00	\$32,250.00	\$182.21	\$23,505.09
44	557	15 inch Sanitary Sewer, 706.08, Class B Bedding	1951	L.F.	\$260.00	\$507,260.00	\$483.68	\$943,659.68
45	560	6 inch House Lateral, VCP, Class B Bedding	118	L.F.	\$80.00	\$9,440.00	\$697.25	\$82,275.50
46	560	Stack, 6 inch Encased	282	L.F.	\$100.00	\$28,200.00	\$41.70	\$11,759.40
47	562	Manhole MH-2A on Sanitary Sewer	6	EACH	\$3,700.00	\$22,200.00	\$13,349.57	\$80,097.42
48	562	Drop Manhole on Sanitary Sewer	2	EACH	\$5,500.00	\$11,000.00	\$14,662.85	\$29,325.70
49	563	Inlet Adjusted	1	EACH	\$500.00	\$500.00	\$622.85	\$622.85
50	564	4 Inch Pipe Underdrains	40	L.F.	\$8.00	\$320.00	\$25.25	\$1,010.00
51	604	Bank Run Gravel	930	C.Y.	\$20.00	\$18,600.00	\$47.58	\$44,249.40
52	606	Guardrail Rebuilt, Type 5	20	L.F.	\$15.00	\$300.00	\$50.00	\$1,000.00
53	607	Fence, Type CLBRMRTR, 72 inch, As Per Plan	20	L.F.	\$20.00	\$400.00	\$45.00	\$900.00
54	609	Engineering Geogrid for Roadways, BX1200	138	S.Y.	\$5.00	\$690.00	\$3.05	\$420.90
55	609	Engineering Geogrid for Roadways, BX1300	39	S.Y.	\$5.00	\$195.00	\$10.25	\$399.75
56	614	Maintaining Traffic	1	L.S.	\$7,500.00	\$7,500.00	\$11,000.00	\$11,000.00
57	619	Field Office	1	L.S.	\$5,000.00	\$5,000.00	\$9,150.00	\$9,150.00
58	621	Stop Lines	17	L.F.	\$10.00	\$170.00	\$30.00	\$510.00
59	621	Crosswalk Lines	86	L.F.	\$5.00	\$430.00	\$12.00	\$1,032.00
60	623	Construction Layout Stakes	1	L.S.	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00
61	624	Mobilization	1	L.S.	\$15,000.00	\$15,000.00	\$144,000.00	\$144,000.00
62	626	Geotextile Fabric, Type D	2100	S.Y.	\$2.00	\$4,200.00	\$2.47	\$5,187.00
63	630	Removal of Ground Mounted Sign & Re-erection	4	EACH	\$70.00	\$280.00	\$136.75	\$547.00
64	630	Removal of Ground Mounted Post Support & Re-erecti	4	EACH	\$50.00	\$200.00	\$136.75	\$547.00
65	630	Ground Mounted Supports, No. 3 Post	20	L.F.	\$9.00	\$180.00	\$25.75	\$515.00
66	630	Signs, Flat Sheet	13	S.F.	\$15.00	\$195.00	\$18.50	\$240.50
67	ODOT 638	Meter and Chamber Removed and Reset	2	EACH	\$800.00	\$1,600.00	\$1,500.00	\$3,000.00
68	653	Topsoil Furnished & Placed, 4" Thick	679	S.Y.	\$3.00	\$2,037.00	\$4.00	\$2,716.00
69	659	Lawn Seeding and Mulching	679	S.Y.	\$2.50	\$1,697.50	\$2.05	\$1,391.95
70	663	Tree Planting in Lawn Area	9	EACH	\$300.00	\$2,700.00	\$557.50	\$5,017.50
71	ODOT 690	Special - Mailbox Removed and Reset	2	EACH	\$150.00	\$300.00	\$152.50	\$305.00

TOTAL CONSTRUCTION COSTS \$1,082,114.50 \$1,747,230.97

+/- ENGINEER'S ESTIMATE +61.5%

* Ref #36 total is incorrect. The Unofficial Construction Cost Total is incorrect.

**Local Hiring & Workforce Participation Policy - Form 2 Incomplete

***Local Hiring & Workforce Participation Policy - Form 2 Incomplete

****Ref #s 18, 47 & 48 corrections were initiated but not dated. The Unofficial Construction Cost Total is incorrect. Local Hiring & Workforce Participation Policy - Form 1 & 2 - incomplete. Local EDGE, DBE, WBE & MBE Goals form incomplete.

ESTIMATE OF PROJECT COSTS

PROJECT: WHITE POND PARKWAY SANITARY SEWER EXTENSION

April 19, 2016

CODE NUMBER:

FILE NUMBER:

BID DATE:

FINAL ESTIMATE OF COST FOR THE WHITE POND PARKWAY SANITARY SEWER EXTENSION

REF.	ITEM	DESCRIPTION	QUAN.	UNITS	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$12,000.00	\$12,000.00
2	201	Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00
3	201	Trees Removed, 18"	9	EACH	\$300.00	\$2,700.00
4	201	Trees Removed, 30"	2	EACH	\$600.00	\$1,200.00
5	202	Pavement Removed	1155	S.Y.	\$10.00	\$11,550.00
6	202	Wearing Course Removed	4250	S.Y.	\$15.00	\$63,750.00
7	202	Curb Removed	68	L.F.	\$5.00	\$340.00
8	202	Pipe Removed, 8 inch	1541	L.F.	\$10.00	\$15,410.00
9	202	Manhole Removed	3	EACH	\$600.00	\$1,800.00
10	202	Guardrail Removed for Reuse	20	L.F.	\$10.00	\$200.00
11	202	Fence Removed	20	L.F.	\$3.00	\$60.00
12	203	Embankment	50	C.Y.	\$10.00	\$500.00
13	203	Excavation not Including Embankment Construction	50	C.Y.	\$15.00	\$750.00
14	203	Aggregate Refill, Type 1	52	C.Y.	\$40.00	\$2,080.00
15	203	Aggregate Refill, Type 2	677	C.Y.	\$30.00	\$20,310.00
16	203	Subgrade Compaction	693	S.Y.	\$1.50	\$1,039.50
17	254	6 inch Ductile Iron Pipe	25	L.F.	\$110.00	\$2,750.00
18	254	8 inch Ductile Iron Pipe	446	L.F.	\$125.00	\$55,750.00
19	254	12 inch Ductile Iron Pipe	19	L.F.	\$150.00	\$2,850.00
20	258	6 inch Gate Valve	1	EACH	\$1,000.00	\$1,000.00
21	258	8 inch Gate Valve	2	EACH	\$1,200.00	\$2,400.00
22	258	12 inch Gate Valve	1	EACH	\$2,200.00	\$2,200.00
23	259	12" X 12" X 8" Tee	1	EACH	\$700.00	\$700.00
24	259	9" 11.25 Degree Bend	2	EACH	\$700.00	\$1,400.00
25	259	8" 45 Degree Bend	2	EACH	\$700.00	\$1,400.00
26	259	6" 90 Degree Bend	1	EACH	\$700.00	\$700.00
27	259	12 inch to 6 inch Reducer	1	EACH	\$1,000.00	\$1,000.00
28	259	20 inch to 12 inch Reducer	1	EACH	\$1,000.00	\$1,000.00
29	259	Special - PCCP to Ductile Iron Coupling	1	EACH	\$2,000.00	\$2,000.00
30	260	Fire Hydrants	1	EACH	\$3,800.00	\$3,800.00
31	263	Tying Into Existing 20 inch Main	1	EACH	\$3,000.00	\$3,000.00
32	264	18 inch Steel Casing Pipe (0.375 inch Min. Wall)	189	L.F.	\$300.00	\$56,700.00
33	301	Bituminous Aggregate Base (T=10 3/4")	51	C.Y.	\$135.00	\$6,885.00
34	305	8" Portland Concrete Base	986	S.Y.	\$65.00	\$64,090.00
35	407	Tack Coat	425	GAL.	\$2.50	\$1,062.50
36	446	Asphalt Concrete Surface Course, Type 1, (MEDIUM) PG64-22, (T=1.25")	148	C.Y.	\$145.00	\$21,460.00
37	455	Combination Curb and Gutter	68	L.F.	\$30.00	\$2,040.00
38	456	Concrete Walk, 4 inches Thick	950	S.F.	\$5.50	\$5,225.00
39	456	Concrete Walk, 6 inches Thick	1160	S.F.	\$6.00	\$6,960.00
40	456	Curb Ramps	1	EACH	\$400.00	\$400.00
41	456	Concrete Driveway Reconstruction, 6 inches Thick	908	S.F.	\$6.00	\$5,448.00
42	557	8 inch Sanitary Sewer, 706.08, Class B Bedding	38	L.F.	\$220.00	\$8,360.00
43	557	10 inch Sanitary Sewer, 706.08, Class B Bedding	129	L.F.	\$250.00	\$32,250.00
44	557	15 inch Sanitary Sewer, 706.08, Class B Bedding	1951	L.F.	\$260.00	\$507,260.00
45	560	6 inch House Lateral, VCP, Class B Bedding	118	L.F.	\$80.00	\$9,440.00
46	560	Stack, 6 inch Encased	282	L.F.	\$100.00	\$28,200.00
47	562	Manhole MH-2A on Sanitary Sewer	6	EACH	\$3,700.00	\$22,200.00
48	562	Drop Manhole on Sanitary Sewer	2	EACH	\$5,500.00	\$11,000.00
49	563	Inlet Adjusted	1	EACH	\$500.00	\$500.00
50	564	4 Inch Pipe Underdrains	40	L.F.	\$8.00	\$320.00
51	604	Bank Run Gravel	930	C.Y.	\$20.00	\$18,600.00
52	606	Guardrail Rebuilt, Type 5	20	L.F.	\$15.00	\$300.00
53	607	Fence, Type CLBRMRTR, 72 inch, As Per Plan	20	L.F.	\$20.00	\$400.00
54	609	Engineering Geogrid for Roadways, BX1200	138	S.Y.	\$5.00	\$690.00
55	609	Engineering Geogrid for Roadways, BX1300	39	S.Y.	\$5.00	\$195.00
56	614	Maintaining Traffic		L.S.	\$7,500.00	\$7,500.00
57	619	Field Office		L.S.	\$5,000.00	\$5,000.00
58	621	Stop Lines	17	L.F.	\$10.00	\$170.00
59	621	Crosswalk Lines	86	L.F.	\$5.00	\$430.00
60	623	Construction Layout Stakes		L.S.	\$5,000.00	\$5,000.00
61	624	Mobilization		L.S.	\$15,000.00	\$15,000.00
62	626	Geotextile Fabric, Type D	2100	S.Y.	\$2.00	\$4,200.00
63	630	Removal of Ground Mounted Sign & Re-erection	4	EACH	\$70.00	\$280.00
64	630	Removal of Ground Mounted Post Support & Re-erection	4	EACH	\$50.00	\$200.00
65	630	Ground Mounted Supports, No. 3 Post	20	L.F.	\$9.00	\$180.00
66	630	Signs, Flat Sheet	13	S.F.	\$15.00	\$195.00
67	ODOT 638	Meter and Chamber Removed and Reset	2	EACH	\$800.00	\$1,600.00
68	653	Topsoil Furnished & Placed, 4" Thick	679	S.Y.	\$3.00	\$2,037.00
69	659	Lawn Seeding and Mulching	679	S.Y.	\$2.50	\$1,697.50
70	663	Tree Planting in Lawn Area	9	EACH	\$300.00	\$2,700.00
71	ODOT 690	Special - Mailbox Removed and Reset	2	EACH	\$150.00	\$300.00
		Total Estimated Construction Cost				\$1,082,114.50

BIDDING SCHEDULE FOR: White Pond Parkway Sewer Extension

TO THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF AKRON:

The undersigned proposes to furnish all labor, materials, and equipment for and construct the following improvement and all other work incidental thereto, including any and all work and materials that may be necessary to connect the work done with the adjoining work, in a proper and workmanlike manner, and according to the plans and profiles on file in the Bureau of Engineering, and upon the terms and conditions of the specifications and form of contract bound herewith and the rules and regulations of the City, and under the direction and to the satisfaction of the Director of Public Service, at the following unit rates, to-wit:

PLEASE TYPE OR USE BLACK INK

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
1	103.05	Contract Performance Bond	1	L.S.		
2	201	Clearing and Grubbing	1	L.S.		
3	201	Trees Removed, 18"	9	EACH		
4	201	Trees Removed, 30"	2	EACH		
5	202	Pavement Removed	1155	S.Y.		
6	202	Wearing Course Removed	4250	S.Y.		
7	202	Curb Removed	68	L.F.		
8	202	Pipe Removed, 8 inch	1541	L.F.		
9	202	Manhole Removed	3	EACH		
10	202	Guardrail Removed for Reuse	20	L.F.		
11	202	Fence Removed	20	L.F.		
12	203	Embankment	50	C.Y.		
13	203	Excavation not Including Embankment Construction	50	C.Y.		
14	203	Aggregate Refill, Type 1	52	C.Y.		
15	203	Aggregate Refill, Type 2	677	C.Y.		
16	203	Subgrade Compaction	693	S.Y.		

BIDDING SCHEDULE FOR: White Pond Parkway Sewer Extension

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
17	254	6 inch Ductile Iron Pipe	25	L.F.		
18	254	8 inch Ductile Iron Pipe	446	L.F.		
19	254	12 inch Ductile Iron Pipe	19	L.F.		
20	258	6 inch Gate Valve	1	EACH		
21	258	8 inch Gate Valve	2	EACH		
22	258	12 inch Gate Valve	1	EACH		
23	259	12" X 12" X 8" Tee	1	EACH		
24	259	8" 11.25 Degree Bend	2	EACH		
25	259	8" 45 Degree Bend	2	EACH		
26	259	6" 90 Degree Bend	1	EACH		
27	259	12 inch to 6 inch Reducer	1	EACH		
28	259	20 inch to 12 inch Reducer	1	EACH		
29	259	Special - PCCP to Ductile Iron Coupling	1	EACH		
30	260	Fire Hydrants	1	EACH		
31	263	Tying Into Existing 20 inch Main	1	EACH		
32	264	18 inch Steel Casing Pipe (0.375 inch Min. Wall)	189	L.F.		
33	301	Bituminous Aggregate Base (T=10 3/4")	51	C.Y.		
34	305	8" Portland Concrete Base	986	S.Y.		
35	407	Tack Coat	425	GAL.		

BIDDING SCHEDULE FOR: White Pond Parkway Sewer Extension

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
36	446	Asphalt Concrete Surface Course, Type 1, (MEDIUM) PG64-22, (T=1.25")	148	C.Y.		
37	455	Combination Curb and Gutter	68	L.F.		
38	456	Concrete Walk, 4 inches Thick	950	S.F.		
39	456	Concrete Walk, 6 inches Thick	1160	S.F.		
40	456	Curb Ramps	1	EACH		
41	456	Concrete Driveway Reconstruction, 6 inches Thick	908	S.F.		
42	557	8 inch Sanitary Sewer, 706.08, Class B Bedding	38	L.F.		
43	557	10 inch Sanitary Sewer, 706.08, Class B Bedding	129	L.F.		
44	557	15 inch Sanitary Sewer, 706.08, Class B Bedding	1951	L.F.		
45	560	6 inch House Lateral, VCP, Class B Bedding	118	L.F.		
46	560	Stack, 6 inch Encased	282	L.F.		
47	562	Manhole MH-2A on Sanitary Sewer	6	EACH		
48	562	Drop Manhole on Sanitary Sewer	2	EACH		
49	563	Inlet Adjusted	1	EACH		
50	564	4 Inch Pipe Underdrains	40	L.F.		
51	604	Bank Run Gravel	930	C.Y.		
52	606	Guardrail Rebuilt, Type 5	20	L.F.		
53	607	Fence, Type CLBRMRTR, 72 inch, As Per Plan	20	L.F.		
54	609	Engineering Geogrid for Roadways, BX1200	138	S.Y.		
55	609	Engineering Geogrid for Roadways, BX1300	39	S.Y.		

BIDDING SCHEDULE FOR: White Pond Parkway Sewer Extension

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
56	614	Maintaining Traffic	1	L.S.		
57	619	Field Office	1	L.S.		
58	621	Stop Lines	17	L.F.		
59	621	Crosswalk Lines	86	L.F.		
60	623	Construction Layout Stakes	1	L.S.		
61	624	Mobilization	1	L.S.		
62	626	Geotextile Fabric, Type D	2100	S.Y.		
63	630	Removal of Ground Mounted Sign & Re-erection	4	EACH		
64	630	Removal of Ground Mounted Post Support & Re-erection	4	EACH		
65	630	Ground Mounted Supports, No. 3 Post	20	L.F.		
66	630	Signs, Flat Sheet	13	S.F.		
67	ODOT 638	Meter and Chamber Removed and Reset	2	EACH		
68	653	Topsoil Furnished & Placed, 4" Thick	679	S.Y.		
69	659	Lawn Seeding and Mulching	679	S.Y.		
70	663	Tree Planting in Lawn Area	9	EACH		
71	ODOT 690	Special - Mailbox Removed and Reset	2	EACH		
UNOFFICIAL CONSTRUCTION COST:						
PLEASE COMPLETE THE PROPOSAL FORMS BOUND HEREIN AND SUBMIT THE ENTIRE BOOK. DO NOT REMOVE ANY PAGES. ALL ERASURES MUST BE INITIALED AND DATED BY THE BIDDER.						



DENOTES LUMP SUM - UNIT PRICE
NEED NOT BE COMPLETED

BIDDING SCHEDULE CONTINUED ON NEXT PAGE

**CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE**

ESTIMATE NO. _____ PROJECT _____
 DATE _____ CONTRACTOR _____
 CODE _____
 FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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**CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE**

ESTIMATE NO. _____ PROJECT _____
 DATE _____ CONTRACTOR _____
 CODE _____
 FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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**CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE**

ESTIMATE NO. _____ PROJECT _____
 DATE _____ CONTRACTOR _____
 CODE _____
 FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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This is to certify that the work as listed above has been completed in accordance with the contract documents, that all items are paid for which previous certificates for payment were issued and payments received, and that the current payment is now due.

TOTAL COMPLETED TO DATE _____
 STORED MATERIALS _____
 TOTAL COMPLETED & STORED _____
 LESS _____ RETAINAGE _____
 TOTAL EARNED LESS RETAINAGE _____
 LESS PREVIOUS PAYMENTS _____
 LESS ADDITIONAL DEDUCTIONS _____
 CURRENT PAYMENT DUE _____

CONTRACTOR: _____

BY: _____

APPROVED: _____
 CONSTRUCTION ENGINEER

DATE: _____

PAYROLLS REVIEWED/QUANTITIES CHECKED BY:

_____ PROJECT MANAGER

APPROVED: _____
 CITY ENGINEER

DATE: _____

DATE OF PROJECT WORK ACCEPTANCE _____