

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction		*2. Karvo Paving		3. Kenmore Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	201	Clearing and Grubbing	1	L.S.	\$15,000.00	\$15,000.00	\$250.00	\$250.00	\$400.00	\$400.00	\$1,000.00	\$1,000.00
2	202	Pavement Removed	25,051	S.Y.	\$7.00	\$175,357.00	\$9.00	\$225,459.00	\$9.00	\$225,459.00	\$8.00	\$200,408.00
3	202	Curb Removed	8,157	L.F.	\$3.00	\$24,471.00	\$1.00	\$8,157.00	\$1.00	\$8,157.00	\$1.00	\$8,157.00
4	202	Curb and Gutter Removed	604	L.F.	\$3.50	\$2,114.00	\$1.00	\$604.00	\$3.00	\$1,812.00	\$1.00	\$604.00
5	202	Walk Removed	7,849	S.F.	\$0.80	\$6,279.20	\$1.00	\$7,849.00	\$2.00	\$15,698.00	\$1.00	\$7,849.00
6	202	Steps Removed	108	L.F.	\$12.00	\$1,296.00	\$1.00	\$108.00	\$4.00	\$432.00	\$10.00	\$1,080.00
7	202	Pipe Removed, 12 Inch	1,095	L.F.	\$9.00	\$9,855.00	\$3.00	\$3,285.00	\$14.00	\$15,330.00	\$5.00	\$5,475.00
8	202	Pipe Removed, 24 Inch	1,137	L.F.	\$12.00	\$13,644.00	\$0.05	\$56.85	\$6.00	\$6,822.00	\$5.00	\$5,685.00
9	202	Pipe Removed, 48 Inch	287	L.F.	\$22.00	\$6,314.00	\$10.00	\$2,870.00	\$12.00	\$3,444.00	\$8.00	\$2,296.00
10	202	Pipe Removed, 60 Inch	100	L.F.	\$22.00	\$2,200.00	\$10.00	\$1,000.00	\$0.70	\$70.00	\$15.00	\$1,500.00
11	202	Catch Basin or Inlet Removed	47	EACH	\$200.00	\$9,400.00	\$25.00	\$1,175.00	\$170.00	\$7,990.00	\$100.00	\$4,700.00
12	202	Manhole Removed	3	EACH	\$430.00	\$1,290.00	\$200.00	\$600.00	\$400.00	\$1,200.00	\$500.00	\$1,500.00
13	202	Trench Drain Removed	211	L.F.	\$20.00	\$4,220.00	\$1.00	\$211.00	\$5.00	\$1,055.00	\$10.00	\$2,110.00
14	202	Post Removed	212	EACH	\$20.00	\$4,240.00	\$0.05	\$10.60	\$5.00	\$1,060.00	\$10.00	\$2,120.00
15	202	Guardrail Removed	50	L.F.	\$4.00	\$200.00	\$0.25	\$12.50	\$8.00	\$400.00	\$2.00	\$100.00
16	202	Wall Removed	95	L.F.	\$25.00	\$2,375.00	\$0.25	\$23.75	\$11.00	\$1,045.00	\$10.00	\$950.00
17	202	Concrete Pad Removed	3	EACH	\$200.00	\$600.00	\$0.50	\$1.50	\$100.00	\$300.00	\$100.00	\$300.00
18	202	Commercial Sign Pole Removed	5	EACH	\$175.00	\$875.00	\$1.00	\$5.00	\$70.00	\$350.00	\$25.00	\$125.00
19	202	Commercial Sign Base Removed	7	EACH	\$200.00	\$1,400.00	\$1.00	\$7.00	\$70.00	\$490.00	\$25.00	\$175.00
20	202	Commercial Sign Removed	7	EACH	\$220.00	\$1,540.00	\$1.00	\$7.00	\$70.00	\$490.00	\$25.00	\$175.00
21	202	Commercial Sign with Electric Removed	12	EACH	\$350.00	\$4,200.00	\$1.00	\$12.00	\$200.00	\$2,400.00	\$100.00	\$1,200.00
22	202	Parking Block Removed	2	EACH	\$50.00	\$100.00	\$1.00	\$2.00	\$10.00	\$20.00	\$5.00	\$10.00
23	202	Fence Removed	555	L.F.	\$4.00	\$2,220.00	\$0.05	\$27.75	\$2.50	\$1,387.50	\$1.00	\$555.00
24	202	Gate Removed	4	EACH	\$150.00	\$600.00	\$1.00	\$4.00	\$125.00	\$500.00	\$50.00	\$200.00
25	202	Railroad Ties Removed	741	L.F.	\$5.00	\$3,705.00	\$1.00	\$741.00	\$2.95	\$2,185.95	\$2.00	\$1,482.00
26	202	Flag Pole Removed	1	EACH	\$250.00	\$250.00	\$100.00	\$100.00	\$200.00	\$200.00	\$100.00	\$100.00
27	202	Brick Curb Removed	7	L.F.	\$3.00	\$21.00	\$1.00	\$7.00	\$4.50	\$31.50	\$15.00	\$105.00
28	202	Light Post Removed	10	EACH	\$160.00	\$1,600.00	\$1.00	\$10.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00
29	203	Excavation Including Embankment Construction	11,764	C.Y.	\$12.00	\$141,168.00	\$3.00	\$35,292.00	\$2.60	\$30,586.40	\$7.00	\$82,348.00
30	203	Excavation Not Including Embankment Construction	1,400	C.Y.	\$10.00	\$14,000.00	\$15.00	\$21,000.00	\$6.50	\$9,100.00	\$12.00	\$16,800.00
31	203	Embankment	149	C.Y.	\$8.00	\$1,192.00	\$5.00	\$745.00	\$6.50	\$968.50	\$20.00	\$2,980.00
32	203	Subgrade Compaction	29,115	S.Y.	\$1.00	\$29,115.00	\$0.05	\$1,455.75	\$2.00	\$58,230.00	\$1.00	\$29,115.00
33	203	Proof Rolling	13	HOUR	\$90.00	\$1,170.00	\$5.00	\$65.00	\$120.00	\$1,560.00	\$80.00	\$1,040.00
34	203	Aggregate Refill, Type 1	4,765	C.Y.	\$38.00	\$181,070.00	\$40.00	\$190,600.00	\$28.00	\$133,420.00	\$38.00	\$181,070.00
35	203	Aggregate Refill, Type 2	4,765	C.Y.	\$38.00	\$181,070.00	\$38.00	\$181,070.00	\$26.00	\$123,890.00	\$42.00	\$200,130.00
36	456	Concrete Walk, 4 inch Thick	142	S.F.	\$3.50	\$497.00	\$5.00	\$710.00	\$5.30	\$752.60	\$6.00	\$852.00
37	456	Concrete Walk, 6 inch Thick	37,360	S.F.	\$4.00	\$149,440.00	\$4.00	\$149,440.00	\$3.75	\$140,100.00	\$4.50	\$168,120.00
38	456	Concrete Walk, 6 inch Thick, As Per Plan	795	S.F.	\$6.50	\$5,167.50	\$4.95	\$3,935.25	\$4.00	\$3,180.00	\$5.00	\$3,975.00
39	456	Concrete Walk, 6 inch Thick, As Per Plan (Embossed Colo	11,849	S.F.	\$8.50	\$100,716.50	\$7.00	\$82,943.00	\$6.75	\$79,980.75	\$8.00	\$94,792.00
40	456	Concrete Walk, 8 inch Thick, As Per Plan	5,649	S.F.	\$6.00	\$33,894.00	\$5.45	\$30,787.05	\$4.65	\$26,267.85	\$5.00	\$28,245.00
41	456	Curb Ramp	37	EACH	\$300.00	\$11,100.00	\$200.00	\$7,400.00	\$180.00	\$6,660.00	\$350.00	\$12,950.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction		*2. Karvo Paving		3. Kenmore Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
42	456	Concrete Steps	216	L.F.	\$80.00	\$17,280.00	\$150.00	\$32,400.00	\$65.00	\$14,040.00	\$75.00	\$16,200.00
43	607	Fence, Type CL, 72 inch	449	L.F.	\$17.00	\$7,633.00	\$17.45	\$7,835.05	\$17.45	\$7,835.05	\$12.00	\$5,388.00
44	607	Gate, Type CI, 72 Inch	4	EACH	\$850.00	\$3,400.00	\$1,495.00	\$5,980.00	\$1,495.00	\$5,980.00	\$1,000.00	\$4,000.00
45	609	Geogrid	27,390	S.Y.	\$5.00	\$136,950.00	\$1.76	\$48,206.40	\$2.30	\$62,997.00	\$2.50	\$68,475.00
46	609	Geogrid	27,390	S.Y.	\$5.00	\$136,950.00	\$1.76	\$48,206.40	\$2.30	\$62,997.00	\$3.25	\$89,017.50
47	622	Monument Boxes	8	EACH	\$480.00	\$3,840.00	\$325.00	\$2,600.00	\$275.00	\$2,200.00	\$400.00	\$3,200.00
48	SPEC	Work Involving Non-Regulated Materials	100	TON	\$12.00	\$1,200.00	\$20.00	\$2,000.00	\$26.50	\$2,650.00	\$75.00	\$7,500.00
49	SPEC	Work Involving Petroleum-Contaminated Soil	100	TON	\$200.00	\$20,000.00	\$200.00	\$20,000.00	\$26.50	\$2,650.00	\$100.00	\$10,000.00
50	SPEC	Work Involving Water	500	GAL	\$1.00	\$500.00	\$1.00	\$500.00	\$0.35	\$175.00	\$5.00	\$2,500.00
51	SPEC	Work Involving Regulated Water	500	GAL	\$1.00	\$500.00	\$7.00	\$3,500.00	\$0.35	\$175.00	\$5.00	\$2,500.00
EROSION CONTROL												
52	653	Topsoil Furnished & Placed, 4 Inch Thick	4,270	S.Y.	\$3.30	\$14,091.00	\$1.90	\$8,113.00	\$2.75	\$11,742.50	\$2.50	\$10,675.00
53	659	Lawn Seeding and Mulching	4,270	S.Y.	\$1.35	\$5,764.50	\$0.85	\$3,629.50	\$0.90	\$3,843.00	\$1.00	\$4,270.00
54	659	Soil Analysis Test (ODOT Spec)	2	EACH	\$55.00	\$110.00	\$25.00	\$50.00	\$75.00	\$150.00	\$50.00	\$100.00
55	659	Repair Seeding And Mulching (ODOT Spec)	213	S.Y.	\$1.00	\$213.00	\$0.05	\$10.65	\$1.00	\$213.00	\$1.00	\$213.00
56	659	Inter-Seeding (ODOT Spec)	213	S.Y.	\$1.00	\$213.00	\$0.05	\$10.65	\$0.25	\$53.25	\$1.00	\$213.00
57	659	Lime (ODOT Spec)	1	AC.	\$100.00	\$100.00	\$5.00	\$5.00	\$400.00	\$400.00	\$300.00	\$300.00
58	659	Commercial Fertilizer (ODOT Spec)	1	TON	\$900.00	\$900.00	\$5.00	\$5.00	\$900.00	\$900.00	\$800.00	\$800.00
59	659	Water (ODOT Spec)	24	M. GAL	\$5.00	\$120.00	\$1.00	\$24.00	\$20.00	\$480.00	\$1.00	\$24.00
60	832	Erosion Control (ODOT Spec)	44,693	EACH	\$1.00	\$44,693.00	\$1.00	\$44,693.00	\$1.00	\$44,693.00	\$1.00	\$44,693.00
61	832	Storm Water Pollution Prevention Plan (ODOT Spec)	1	LUMP	\$6,500.00	\$6,500.00	\$1,850.00	\$1,850.00	\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00
DRAINAGE												
62	552	4 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 wit	32	L.F.	\$12.00	\$384.00	\$15.00	\$480.00	\$9.00	\$288.00	\$15.00	\$480.00
63	552	6 inch Storm Sewer, Type A, Class "B" Bedding	157	L.F.	\$37.00	\$5,809.00	\$16.00	\$2,512.00	\$16.00	\$2,512.00	\$25.00	\$3,925.00
64	552	12 inch Storm Sewer, Type A, Class "B" Bedding	176	L.F.	\$45.00	\$7,920.00	\$48.00	\$8,448.00	\$43.00	\$7,568.00	\$40.00	\$7,040.00
65	552	12 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 w	30	L.F.	\$45.00	\$1,350.00	\$56.00	\$1,680.00	\$12.00	\$360.00	\$50.00	\$1,500.00
66	552	15 inch Storm Sewer, Type A, Class "B" Bedding	97	L.F.	\$50.00	\$4,850.00	\$74.00	\$7,178.00	\$57.00	\$5,529.00	\$55.00	\$5,335.00
67	552	15 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 w	40	L.F.	\$50.00	\$2,000.00	\$91.00	\$3,640.00	\$13.00	\$520.00	\$60.00	\$2,400.00
68	552	18 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 w	20	L.F.	\$60.00	\$1,200.00	\$116.00	\$2,320.00	\$13.00	\$260.00	\$65.00	\$1,300.00
69	552	24 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 w	40	L.F.	\$65.00	\$2,600.00	\$191.00	\$7,640.00	\$14.00	\$560.00	\$70.00	\$2,800.00
70	552	36 inch Storm Sewer, Type A, Class "B" Bedding	640	L.F.	\$98.00	\$62,720.00	\$95.00	\$60,800.00	\$97.00	\$62,080.00	\$100.00	\$64,000.00
71	552	42 inch Storm Sewer, Type A, Class "B" Bedding	641	L.F.	\$116.00	\$74,356.00	\$112.00	\$71,792.00	\$119.00	\$76,279.00	\$105.00	\$67,305.00
72	552	58 inch Storm Sewer, Type A, Class "B" Bedding	80	L.F.	\$260.00	\$20,800.00	\$389.00	\$31,120.00	\$45.00	\$3,600.00	\$190.00	\$15,200.00
73	553	12 inch Inlet Connection, Type A, Class "B" Bedding	1,692	L.F.	\$44.00	\$74,448.00	\$60.00	\$101,520.00	\$48.00	\$81,216.00	\$52.00	\$87,984.00
74	553	12 inch Inlet Connection, Type A, Class "A" Bedding, 715.0	353	L.F.	\$52.00	\$18,356.00	\$87.00	\$30,711.00	\$47.00	\$16,591.00	\$75.00	\$26,475.00
75	553	15 inch Inlet Connection, Type A, Class "B" Bedding	76	L.F.	\$58.00	\$4,408.00	\$65.00	\$4,940.00	\$58.00	\$4,408.00	\$55.00	\$4,180.00
76	553	15 inch Inlet Connection, Type A, Class "A" Bedding, 715.0	78	L.F.	\$62.00	\$4,836.00	\$100.00	\$7,800.00	\$62.00	\$4,836.00	\$85.00	\$6,630.00
77	556	House Drain Pipe, Complete	48	EACH	\$30.00	\$1,440.00	\$1.00	\$48.00	\$56.00	\$2,688.00	\$1.00	\$48.00
78	562	Manhole MH-2A on 12" Storm Sewer	4	EACH	\$2,400.00	\$9,600.00	\$1,600.00	\$6,400.00	\$2,100.00	\$8,400.00	\$2,000.00	\$8,000.00
79	562	Manhole MH-2A on 15" Storm Sewer	2	EACH	\$2,800.00	\$5,600.00	\$5,288.00	\$10,576.00	\$4,100.00	\$8,200.00	\$2,000.00	\$4,000.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction		*2. Karvo Paving		3. Kenmore Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
80	562	Manhole MH-2A on 18" Storm Sewer	1	EACH	\$3,000.00	\$3,000.00	\$5,288.00	\$5,288.00	\$4,200.00	\$4,200.00	\$2,000.00	\$2,000.00
81	562	Manhole MH-2A on 24" Storm Sewer	2	EACH	\$3,000.00	\$6,000.00	\$500.00	\$1,000.00	\$5,100.00	\$10,200.00	\$2,500.00	\$5,000.00
82	562	Manhole MH-2A on 36" Storm Sewer	7	EACH	\$3,400.00	\$23,800.00	\$500.00	\$3,500.00	\$4,100.00	\$28,700.00	\$3,000.00	\$21,000.00
83	562	Manhole MH-2A on 42" Storm Sewer	7	EACH	\$3,400.00	\$23,800.00	\$500.00	\$3,500.00	\$4,700.00	\$32,900.00	\$4,400.00	\$30,800.00
84	562	Manhole MH-2A on 58" Storm Sewer	4	EACH	\$3,400.00	\$13,600.00	\$500.00	\$2,000.00	\$4,700.00	\$18,800.00	\$6,200.00	\$24,800.00
85	562	Brick Manhole Adjusted	47	EACH	\$360.00	\$16,920.00	\$200.00	\$9,400.00	\$400.00	\$18,800.00	\$250.00	\$11,750.00
86	563	Inlet, No. 5	32	EACH	\$1,300.00	\$41,600.00	\$1,000.00	\$32,000.00	\$1,400.00	\$44,800.00	\$1,700.00	\$54,400.00
87	563	Inlet, Double No. 5	50	EACH	\$2,400.00	\$120,000.00	\$1,500.00	\$75,000.00	\$1,800.00	\$90,000.00	\$2,000.00	\$100,000.00
88	564	4" Pipe Underdrains	7,143	L.F.	\$5.50	\$39,286.50	\$3.00	\$21,429.00	\$2.70	\$19,286.10	\$6.00	\$42,858.00
89	566	Trench Drain	119	L.F.	\$95.00	\$11,305.00	\$164.00	\$19,516.00	\$148.00	\$17,612.00	\$120.00	\$14,280.00
90	SPEC	Miscellaneous Metal (ODOT Spec)	9,000	POUND	\$1.00	\$9,000.00	\$0.90	\$8,100.00	\$0.90	\$8,100.00	\$0.85	\$7,650.00
91	835	Exfiltration Trench, Type C (ODOT Spec)	256	L.F.	\$90.00	\$23,040.00	\$47.00	\$12,032.00	\$78.00	\$19,968.00	\$80.00	\$20,480.00
PAVEMENT												
92	301	3-1/2 inch Bituminous Aggregate Base (for Driveways)	1	C.Y.	\$300.00	\$300.00	\$175.00	\$175.00	\$188.00	\$188.00	\$350.00	\$350.00
93	301	4-3/4 inch Bituminous Aggregate Base (for Driveways)	97	C.Y.	\$150.00	\$14,550.00	\$175.00	\$16,975.00	\$210.00	\$20,370.00	\$200.00	\$19,400.00
94	301	9 inch Bituminous Aggregate Base	6,097	C.Y.	\$95.00	\$579,215.00	\$91.00	\$554,827.00	\$105.00	\$640,185.00	\$105.00	\$640,185.00
95	304	Aggregate Base	4,494	C.Y.	\$34.00	\$152,796.00	\$33.00	\$148,302.00	\$33.00	\$148,302.00	\$40.00	\$179,760.00
96	404	Asphalt Concrete, 1-3/4" Thick (for Driveways)	26	C.Y.	\$250.00	\$6,500.00	\$250.00	\$6,500.00	\$235.00	\$6,110.00	\$150.00	\$3,900.00
97	407	Tack Coat	1,885	GAL	\$2.00	\$3,770.00	\$2.00	\$3,770.00	\$2.25	\$4,241.25	\$2.00	\$3,770.00
98	407	Tack Coat for Intermediate Course	976	GAL	\$2.00	\$1,952.00	\$2.00	\$1,952.00	\$2.25	\$2,196.00	\$2.00	\$1,952.00
99	446	Asphalt Concrete Surface Course, Type 1, 1-1/4 inch	847	C.Y.	\$135.00	\$114,345.00	\$136.00	\$115,192.00	\$156.00	\$132,132.00	\$140.00	\$118,580.00
100	446	Asphalt Concrete Intermediate Course, Type 2, 1-3/4 inch	1,186	C.Y.	\$124.00	\$147,064.00	\$108.00	\$128,088.00	\$115.00	\$136,390.00	\$115.00	\$136,390.00
101	452	7 inch Plain Portland Cement (for Driveways)	703	S.Y.	\$45.00	\$31,635.00	\$38.25	\$26,889.75	\$36.00	\$25,308.00	\$48.00	\$33,744.00
102	455	Curb, Type 6"x18"	8,329	L.F.	\$16.00	\$133,264.00	\$10.00	\$83,290.00	\$13.00	\$108,277.00	\$14.00	\$116,606.00
103	455	Combination Curb and Gutter	122	L.F.	\$25.00	\$3,050.00	\$20.00	\$2,440.00	\$23.00	\$2,806.00	\$20.00	\$2,440.00
104	456	Concrete Aprons, 6 inch Thick, As Per Plan	558	S.F.	\$4.00	\$2,232.00	\$4.95	\$2,762.10	\$4.45	\$2,483.10	\$5.50	\$3,069.00
105	456	Concrete Aprons, 8 inch Thick, As Per Plan	3,970	S.F.	\$5.00	\$19,850.00	\$5.45	\$21,636.50	\$4.75	\$18,857.50	\$6.00	\$23,820.00
106	461	Brick Pavement, Full Depth (for Driveways)	29	S.Y.	\$100.00	\$2,900.00	\$72.00	\$2,088.00	\$80.00	\$2,320.00	\$95.00	\$2,755.00
WATER WORKS												
107	202	12" Water Main Removed	125	L.F.	\$50.00	\$6,250.00	\$3.00	\$375.00	\$2.00	\$250.00	\$10.00	\$1,250.00
108	252	Remove and Relocate Curb Meter	22	EACH	\$750.00	\$16,500.00	\$1,500.00	\$33,000.00	\$245.00	\$5,390.00	\$375.00	\$8,250.00
109	252	Remove and Relocate Service Valve	36	EACH	\$600.00	\$21,600.00	\$1,100.00	\$39,600.00	\$245.00	\$8,820.00	\$375.00	\$13,500.00
110	252	Disconnect and Abandon Service Lateral	1	EACH	\$50.00	\$50.00	\$250.00	\$250.00	\$450.00	\$450.00	\$1,500.00	\$1,500.00
111	252	Trenches for Water Service in Earth	575	L.F.	\$18.00	\$10,350.00	\$15.00	\$8,625.00	\$18.50	\$10,637.50	\$18.00	\$10,350.00
112	254	6" Ductile Iron Pipe	127	L.F.	\$41.00	\$5,207.00	\$45.00	\$5,715.00	\$60.00	\$7,620.00	\$60.00	\$7,620.00
113	254	10" Ductile Iron Pipe	56	L.F.	\$60.00	\$3,360.00	\$61.00	\$3,416.00	\$95.00	\$5,320.00	\$70.00	\$3,920.00
114	254	12" Ductile Iron Pipe	80	L.F.	\$80.00	\$6,400.00	\$65.00	\$5,200.00	\$55.00	\$4,400.00	\$140.00	\$11,200.00
115	258	6" Gate Valve and Valve Box	7	EACH	\$900.00	\$6,300.00	\$600.00	\$4,200.00	\$650.00	\$4,550.00	\$600.00	\$4,200.00
116	258	10" Gate Valve and Valve Box	1	EACH	\$1,400.00	\$1,400.00	\$1,300.00	\$1,300.00	\$1,350.00	\$1,350.00	\$1,200.00	\$1,200.00
117	258	Valve and Valve Box Removed	7	EACH	\$150.00	\$1,050.00	\$5.00	\$35.00	\$30.00	\$210.00	\$100.00	\$700.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction		*2. Karvo Paving		3. Kenmore Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
118	259	8" Romac Coupling	2	EACH	\$140.00	\$280.00	\$110.00	\$220.00	\$110.00	\$220.00	\$200.00	\$400.00
119	259	12" Romac Coupling	16	EACH	\$145.00	\$2,320.00	\$180.00	\$2,880.00	\$185.00	\$2,960.00	\$375.00	\$6,000.00
120	259	6"x6" Tee	2	EACH	\$200.00	\$400.00	\$235.00	\$470.00	\$250.00	\$500.00	\$300.00	\$600.00
121	259	8"x6" Tee	3	EACH	\$265.00	\$795.00	\$300.00	\$900.00	\$300.00	\$900.00	\$350.00	\$1,050.00
122	259	12"x6" Tee	2	EACH	\$400.00	\$800.00	\$455.00	\$910.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
123	259	12"x10" Tee	1	EACH	\$500.00	\$500.00	\$1,250.00	\$1,250.00	\$550.00	\$550.00	\$600.00	\$600.00
124	259	10" 45 degree Bend	4	EACH	\$270.00	\$1,080.00	\$250.00	\$1,000.00	\$300.00	\$1,200.00	\$375.00	\$1,500.00
125	259	12" 45 degree Bend	24	EACH	\$300.00	\$7,200.00	\$320.00	\$7,680.00	\$550.00	\$13,200.00	\$450.00	\$10,800.00
126	259	6" Plug	7	EACH	\$100.00	\$700.00	\$60.00	\$420.00	\$60.00	\$420.00	\$125.00	\$875.00
127	259	10" Plug	1	EACH	\$100.00	\$100.00	\$200.00	\$200.00	\$110.00	\$110.00	\$200.00	\$200.00
128	259	6" Solid Sleeve	4	EACH	\$120.00	\$480.00	\$150.00	\$600.00	\$150.00	\$600.00	\$200.00	\$800.00
129	259	8" Solid Sleeve	4	EACH	\$160.00	\$640.00	\$200.00	\$800.00	\$200.00	\$800.00	\$225.00	\$900.00
130	259	12" Solid Sleeve	14	EACH	\$245.00	\$3,430.00	\$350.00	\$4,900.00	\$355.00	\$4,970.00	\$400.00	\$5,600.00
131	260	Fire Hydrant	10	EACH	\$450.00	\$4,500.00	\$3,800.00	\$38,000.00	\$2,200.00	\$22,000.00	\$2,200.00	\$22,000.00
132	260	Fire Hydrant Removed	7	EACH	\$250.00	\$1,750.00	\$50.00	\$350.00	\$500.00	\$3,500.00	\$500.00	\$3,500.00
133	261	Polyethylene Encasement, 6" Pipe	127	L.F.	\$1.00	\$127.00	\$0.01	\$1.27	\$0.30	\$38.10	\$0.65	\$82.55
134	261	Polyethylene Encasement, 10" Pipe	56	L.F.	\$2.00	\$112.00	\$0.01	\$0.56	\$0.40	\$22.40	\$0.65	\$36.40
135	261	Polyethylene Encasement, 12" Pipe	80	L.F.	\$2.00	\$160.00	\$0.01	\$0.80	\$0.40	\$32.00	\$0.65	\$52.00
136	263	Tying into 12" Main	13	EACH	\$850.00	\$11,050.00	\$100.00	\$1,300.00	\$1,200.00	\$15,600.00	\$900.00	\$11,700.00
137	265	Service Valve Box Adjusted	4	EACH	\$100.00	\$400.00	\$25.00	\$100.00	\$35.00	\$140.00	\$75.00	\$300.00
138	265	Curb Meter Adjusted	7	EACH	\$100.00	\$700.00	\$150.00	\$1,050.00	\$40.00	\$280.00	\$80.00	\$560.00
139	265	Water Main Valve Box Adjusted	29	EACH	\$125.00	\$3,625.00	\$25.00	\$725.00	\$200.00	\$5,800.00	\$90.00	\$2,610.00
140	267	Extend and Replace Hydrant	3	EACH	\$1,050.00	\$3,150.00	\$3,800.00	\$11,400.00	\$3,400.00	\$10,200.00	\$700.00	\$2,100.00
SANITARY WORK												
141	559	6" Pipe Reconnections, 707.20, Class NR Bedding	268	L.F.	\$22.00	\$5,896.00	\$2.00	\$536.00	\$68.00	\$18,224.00	\$46.00	\$12,328.00
142	559	6" Pipe Bends, 707.20, Class NR Bedding	32	EACH	\$30.00	\$960.00	\$25.00	\$800.00	\$19.00	\$608.00	\$25.00	\$800.00
143	559	8" Pipe Reconnections, 707.20, Class NR Bedding	235	L.F.	\$25.00	\$5,875.00	\$2.00	\$470.00	\$72.00	\$16,920.00	\$48.00	\$11,280.00
144	559	8" Pipe Bends, 707.20, Class NR Bedding	28	EACH	\$40.00	\$1,120.00	\$25.00	\$700.00	\$72.00	\$2,016.00	\$70.00	\$1,960.00
145	562	Brick Manhole Adjusted	20	EACH	\$320.00	\$6,400.00	\$250.00	\$5,000.00	\$400.00	\$8,000.00	\$250.00	\$5,000.00
LIGHTING												
146	625	4 Unit Mole Connector	4	EACH	\$100.00	\$400.00	\$49.25	\$197.00	\$49.25	\$197.00	\$50.00	\$200.00
147	625	Light Pole, Fluted Fiberglass 12' Pole w/ 100 Watt HPS Acorn Luminaire, Complete-in-place	49	EACH	\$3,000.00	\$147,000.00	\$2,217.00	\$108,633.00	\$2,300.00	\$112,700.00	\$2,100.00	\$102,900.00
148	625	Light Pole, Round Davit Aluminum 30' Pole w/ 250 Watt HPS Rectangular Luminaire, Complete-in-place	5	EACH	\$5,000.00	\$25,000.00	\$2,361.00	\$11,805.00	\$2,400.00	\$12,000.00	\$2,100.00	\$10,500.00
149	625	AWG NO. 6 Type Use Copper 600 Volt Distribution Cable	6,888	L.F.	\$0.75	\$5,166.00	\$1.23	\$8,472.24	\$1.23	\$8,472.24	\$1.20	\$8,265.60
150	625	AWG NO. 4 Type Use Copper 600 Volt Distribution Cable	2,202	L.F.	\$1.00	\$2,202.00	\$1.59	\$3,501.18	\$1.59	\$3,501.18	\$1.25	\$2,752.50
151	625	2" PVC SCH 40 Conduit Underground (Includes Conduit Ri	2,687	L.F.	\$5.00	\$13,435.00	\$2.15	\$5,777.05	\$2.15	\$5,777.05	\$3.00	\$8,061.00
152	625	Trench	2,687	L.F.	\$4.47	\$12,010.89	\$3.00	\$8,061.00	\$0.20	\$537.40	\$10.00	\$26,870.00
153	625	Pull Box, 13"x24"x18" Reinforced Polymer Concrete	2	EACH	\$500.00	\$1,000.00	\$406.00	\$812.00	\$406.00	\$812.00	\$400.00	\$800.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction		*2. Karvo Paving		3. Kenmore Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
154	625	High Voltage Test	1	L.S.	\$1,500.00	\$1,500.00	\$1,625.00	\$1,625.00	\$1,625.00	\$1,625.00	\$900.00	\$900.00
155	625	Luminaire Removed	4	EACH	\$25.00	\$100.00	\$39.00	\$156.00	\$39.00	\$156.00	\$40.00	\$160.00
TRAFFIC CONTROL												
156	621	Lane Lines, 4 Inch	2	MILE	\$600.00	\$1,200.00	\$400.00	\$800.00	\$425.00	\$850.00	\$350.00	\$700.00
157	621	Center Lines, Solid, Double	1	MILE	\$850.00	\$850.00	\$800.00	\$800.00	\$1,100.00	\$1,100.00	\$700.00	\$700.00
158	621	Broad Transverse Lines	46	L.F.	\$3.00	\$138.00	\$2.00	\$92.00	\$3.75	\$172.50	\$2.00	\$92.00
159	621	Island Marking, Yellow	32	S.F.	\$2.00	\$64.00	\$2.00	\$64.00	\$3.00	\$96.00	\$3.00	\$96.00
160	621	Lane Arrows	3	EACH	\$65.00	\$195.00	\$65.00	\$195.00	\$40.00	\$120.00	\$60.00	\$180.00
161	621	Edge Lines, White	2	MILE	\$470.00	\$940.00	\$600.00	\$1,200.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
162	625	Trenching and Backfill, 24" Deep	555	L.F.	\$5.00	\$2,775.00	\$4.60	\$2,553.00	\$0.20	\$111.00	\$10.00	\$5,550.00
163	625	Conduit, Schedule 40 PVC, 3" (Traffic)	547	L.F.	\$3.25	\$1,777.75	\$2.90	\$1,586.30	\$2.90	\$1,586.30	\$3.00	\$1,641.00
164	625	Conduit, Schedule 40 PVC, 4" (Communications)	555	L.F.	\$4.25	\$2,358.75	\$3.95	\$2,192.25	\$3.95	\$2,192.25	\$5.00	\$2,775.00
165	629	Street Name Sign	39	EACH	\$115.00	\$4,485.00	\$95.00	\$3,705.00	\$95.00	\$3,705.00	\$100.00	\$3,900.00
166	629	Street Name Sign Pole	20	EACH	\$170.00	\$3,400.00	\$130.00	\$2,600.00	\$130.00	\$2,600.00	\$125.00	\$2,500.00
167	630	Ground Mounted Supports, No. 2 Post	548	L.F.	\$6.50	\$3,562.00	\$5.95	\$3,260.60	\$5.95	\$3,260.60	\$4.00	\$2,192.00
168	630	Ground Mounted Supports, No. 3 Post	305	L.F.	\$7.00	\$2,135.00	\$6.30	\$1,921.50	\$6.30	\$1,921.50	\$5.00	\$1,525.00
169	630	Removal of Ground Mounted Sign and Storage	32	EACH	\$15.50	\$496.00	\$10.00	\$320.00	\$10.00	\$320.00	\$15.00	\$480.00
170	630	Removal of Ground Mounted Sign and Re-Erection	30	EACH	\$37.00	\$1,110.00	\$25.00	\$750.00	\$25.00	\$750.00	\$50.00	\$1,500.00
171	630	Removal of Pole Mounted Sign and Storage	37	EACH	\$14.00	\$518.00	\$12.50	\$462.50	\$12.50	\$462.50	\$10.00	\$370.00
172	630	Removal of Pole Mounted Sign and Re-Erection	13	EACH	\$31.00	\$403.00	\$62.50	\$812.50	\$62.50	\$812.50	\$50.00	\$650.00
173	630	Removal of Ground Mounted Post Support	41	EACH	\$24.00	\$984.00	\$0.10	\$4.10	\$20.00	\$820.00	\$20.00	\$820.00
174	630	Sign Hanger Assembly, Mast Arm	4	EACH	\$280.00	\$1,120.00	\$280.00	\$1,120.00	\$280.00	\$1,120.00	\$150.00	\$600.00
175	630	Sign Flat Sheet	99	S.F.	\$16.00	\$1,584.00	\$13.65	\$1,351.35	\$13.65	\$1,351.35	\$13.00	\$1,287.00
176	632	Pullbox, Polymer Concrete, 24"x36"x24"	4	EACH	\$800.00	\$3,200.00	\$705.00	\$2,820.00	\$705.00	\$2,820.00	\$600.00	\$2,400.00
LANDSCAPING												
177	663	Tree Planting w/ Grate (Skyline Honey Locust, 4'x6' Grate)	116	EACH	\$1,300.00	\$150,800.00	\$1,150.00	\$133,400.00	\$1,200.00	\$139,200.00	\$1,500.00	\$174,000.00
178	669	Protecting Trees	1	L.S.	\$1,000.00	\$1,000.00	\$25.00	\$25.00	\$100.00	\$100.00	\$150.00	\$150.00
RETAINING WALLS												
179	611	Modular Block Wall	3,506	S.F.	\$35.00	\$122,710.00	\$26.00	\$91,156.00	\$29.00	\$101,674.00	\$28.00	\$98,168.00
MAINTENANCE OF TRAFFIC												
180	410	Traffic Compacted Surface, Type A or B (ODOT Spec)	1,319	C.Y.	\$24.00	\$31,656.00	\$1.00	\$1,319.00	\$25.50	\$33,634.50	\$2.00	\$2,638.00
181	613	Uniformed Law Enforcement Officer	900	Hours	\$38.00	\$34,200.00	\$38.00	\$34,200.00	\$38.00	\$34,200.00	\$38.00	\$34,200.00
182	613	Uniformed Law Enforcement Officer with Patrol Car	900	Hours	\$56.00	\$50,400.00	\$56.00	\$50,400.00	\$56.00	\$50,400.00	\$56.00	\$50,400.00
183	614	Flashing Arrow Panel (ODOT Spec)	6	EACH	\$1,100.00	\$6,600.00	\$100.00	\$600.00	\$2,000.00	\$12,000.00	\$1,500.00	\$9,000.00
184	614	Work Zone Edge Line, Class I, 642 Paint (ODOT Spec)	2	MILE	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00
185	614	Work Zone Center Line, Class I, 642 Paint (ODOT Spec)	3	MILE	\$1,500.00	\$4,500.00	\$1,357.00	\$4,071.00	\$1,000.00	\$3,000.00	\$2,800.00	\$8,400.00
186	614	Work Zone Stop Line, Class I, 642 Paint (ODOT Spec)	72	L.F.	\$10.00	\$720.00	\$2.00	\$144.00	\$3.50	\$252.00	\$3.00	\$216.00
187	614	Portable Changeable Message Sign, As Per Plan	36	SIGN MONTH	\$700.00	\$25,200.00	\$50.00	\$1,800.00	\$700.00	\$25,200.00	\$800.00	\$28,800.00
188	614	American Recovery and Reinvestment Act (ARRA) Sign, Conventional Road, As Per Plan (ODOT Spec)	2	EACH	\$1,200.00	\$2,400.00	\$400.00	\$800.00	\$900.00	\$1,800.00	\$1,200.00	\$2,400.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Liberta Construction		*2. Karvo Paving		3. Kenmore Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
	614	Maintaining Traffic	1	L.S.	\$45,000.00	\$45,000.00	\$143,000.00	\$143,000.00	\$100,000.00	\$100,000.00	\$40,000.00	\$40,000.00
189	616	Water	53	M. GAL	\$30.00	\$1,590.00	\$1.00	\$53.00	\$1.10	\$58.30	\$1.00	\$53.00
190	616	Calcium Chloride	19	TON	\$120.00	\$2,280.00	\$1.00	\$19.00	\$25.00	\$475.00	\$100.00	\$1,900.00
MISC.												
191	103.05	Contract Performance Bond	1	L.S.	\$30,000.00	\$30,000.00	\$48,600.00	\$48,600.00	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00
192	619	Field Office	1	L.S.	\$11,000.00	\$11,000.00	\$5,000.00	\$5,000.00	\$24,000.00	\$24,000.00	\$5,000.00	\$5,000.00
193	623	Construction Layout Stakes	1	L.S.	\$25,000.00	\$25,000.00	\$19,500.00	\$19,500.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
194	624	Mobilization	1	L.S.	\$48,000.00	\$48,000.00	\$73,000.00	\$73,000.00	\$68,000.00	\$68,000.00	\$30,000.00	\$30,000.00

LIGHTING - ALTERNATE #1

188	625	4 Unit Mole Connector	30	EACH	\$100.00	\$3,000.00	\$49.25	\$1,477.50	\$50.00	\$1,500.00	\$50.00	\$1,500.00
189	625	Light Pole, Fluted Fiberglass 12' Pole w/ 80 Watt LED	49	EACH	\$3,500.00	\$171,500.00	\$3,298.00	\$161,602.00	\$3,400.00	\$166,600.00	\$3,400.00	\$166,600.00
190	625	Light Pole, Round Davit Aluminum 30' Pole w/ 150 Watt	5	EACH	\$5,500.00	\$27,500.00	\$2,792.00	\$13,960.00	\$3,000.00	\$15,000.00	\$2,900.00	\$14,500.00
191	625	AWG NO. 6 Type Use Copper 600 Volt Distribution Cable	12,486	L.F.	\$0.75	\$9,364.50	\$1.23	\$15,357.78	\$1.25	\$15,607.50	\$1.25	\$15,607.50
192	625	AWG NO. 4 Type Use Copper 600 Volt Distribution Cable	2,220	L.F.	\$1.00	\$2,220.00	\$1.59	\$3,529.80	\$1.60	\$3,552.00	\$1.60	\$3,552.00
193	625	2" PVC SCH 40 Conduit Underground (Includes Conduit	6,305	L.F.	\$5.00	\$31,525.00	\$2.15	\$13,555.75	\$2.15	\$13,555.75	\$3.00	\$18,915.00
194	625	Trench	6,305	L.F.	\$4.47	\$28,183.35	\$3.00	\$18,915.00	\$0.20	\$1,261.00	\$8.00	\$50,440.00
195	625	Pull Box, 13"x24"x18" Reinforced Polymer Concrete	12	EACH	\$500.00	\$6,000.00	\$406.00	\$4,872.00	\$410.00	\$4,920.00	\$400.00	\$4,800.00
196	625	Control Centers With Metering, Complete-in-place	5	EACH	\$7,500.00	\$37,500.00	\$3,524.00	\$17,620.00	\$3,600.00	\$18,000.00	\$3,600.00	\$18,000.00
197	625	Lighting Misc.: Power Service, As Per Plan	5	EACH	\$5,500.00	\$27,500.00	\$1,934.00	\$9,670.00	\$2,100.00	\$10,500.00	\$2,000.00	\$10,000.00
198	625	High Voltage Test	1	L.S.	\$1,500.00	\$1,500.00	\$1,625.00	\$1,625.00	\$3,000.00	\$3,000.00	\$1,700.00	\$1,700.00
199	625	Luminaire Removed	4	EACH	\$25.00	\$100.00	\$39.00	\$156.00	\$40.00	\$160.00	\$50.00	\$200.00

ALTERNATE #2

200	609	Engineering Geogrid for Roadways, type BX1200	27,390	S.Y.	\$5.00	\$136,950.00	\$4.82	\$132,019.80	\$5.50	\$150,645.00	\$5.50	\$150,645.00
-----	-----	---	--------	------	--------	--------------	--------	--------------	--------	--------------	--------	--------------

ALTERNATE #3

201	609	Engineering Geogrid for Roadways, type BX1300	27,390	S.Y.	\$5.00	\$3,045.00	\$4.44	\$121,611.60	\$5.00	\$136,950.00	\$5.25	\$143,797.50
-----	-----	---	--------	------	--------	------------	--------	--------------	--------	--------------	--------	--------------

TOTAL CONSTRUCTION COSTS						\$4,372,557.59		\$3,825,231.20		\$3,988,276.97		\$4,179,503.55
+/- ENGINEER'S ESTIMATE								-12.5%		-8.8%		-4.4%
ALTERNATE #1												
TOTAL CONSTRUCTION COSTS						\$345,892.85		\$262,340.83		\$253,656.25		\$305,814.50
+/- ENGINEER'S ESTIMATE								-24.2%		-26.7%		-11.6%

BID TAB FOR: South Main Street Roadway Improvements PID 86493

FILE NO. 2009-028-00

BID DATE: April 28, 2010

CODE: 41430.P09008

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. Liberta Construction PRICE	1. Liberta Construction AMOUNT	*2. Karvo Paving PRICE	*2. Karvo Paving AMOUNT	3. Kenmore Construction PRICE	3. Kenmore Construction AMOUNT
<u>ALTERNATE #2</u>												
		TOTAL CONSTRUCTION COSTS				\$136,950.00		\$132,019.80		\$150,645.00		\$150,645.00
		+/- ENGINEER'S ESTIMATE						-3.6%		+10.0%		+10.0%
<u>ALTERNATE #3</u>												
		TOTAL CONSTRUCTION COSTS				\$136,950.00		\$121,611.60		\$136,950.00		\$143,797.50
		+/- ENGINEER'S ESTIMATE						-11.2%		+0.0%		+5.0%

* Ref. #43 correction neither initialed nor dated, Ref. #88 extended amount incorrect in bid book

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. Lockhart Concrete		5. Wenger Excavating	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	201	Clearing and Grubbing	1	L.S.	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$39,467.00	\$39,467.00
2	202	Pavement Removed	25,051	S.Y.	\$7.00	\$175,357.00	\$4.00	\$100,204.00	\$5.75	\$144,043.25
3	202	Curb Removed	8,157	L.F.	\$3.00	\$24,471.00	\$0.50	\$4,078.50	\$3.25	\$26,510.25
4	202	Curb and Gutter Removed	604	L.F.	\$3.50	\$2,114.00	\$0.50	\$302.00	\$3.70	\$2,234.80
5	202	Walk Removed	7,849	S.F.	\$0.80	\$6,279.20	\$0.50	\$3,924.50	\$0.65	\$5,101.85
6	202	Steps Removed	108	L.F.	\$12.00	\$1,296.00	\$5.00	\$540.00	\$21.40	\$2,311.20
7	202	Pipe Removed, 12 Inch	1,095	L.F.	\$9.00	\$9,855.00	\$1.00	\$1,095.00	\$5.65	\$6,186.75
8	202	Pipe Removed, 24 Inch	1,137	L.F.	\$12.00	\$13,644.00	\$2.00	\$2,274.00	\$9.30	\$10,574.10
9	202	Pipe Removed, 48 Inch	287	L.F.	\$22.00	\$6,314.00	\$5.00	\$1,435.00	\$21.40	\$6,141.80
10	202	Pipe Removed, 60 Inch	100	L.F.	\$22.00	\$2,200.00	\$8.00	\$800.00	\$34.70	\$3,470.00
11	202	Catch Basin or Inlet Removed	47	EACH	\$200.00	\$9,400.00	\$25.00	\$1,175.00	\$329.00	\$15,463.00
12	202	Manhole Removed	3	EACH	\$430.00	\$1,290.00	\$50.00	\$150.00	\$349.00	\$1,047.00
13	202	Trench Drain Removed	211	L.F.	\$20.00	\$4,220.00	\$2.00	\$422.00	\$24.80	\$5,232.80
14	202	Post Removed	212	EACH	\$20.00	\$4,240.00	\$1.00	\$212.00	\$9.70	\$2,056.40
15	202	Guardrail Removed	50	L.F.	\$4.00	\$200.00	\$1.00	\$50.00	\$2.75	\$137.50
16	202	Wall Removed	95	L.F.	\$25.00	\$2,375.00	\$5.00	\$475.00	\$32.70	\$3,106.50
17	202	Concrete Pad Removed	3	EACH	\$200.00	\$600.00	\$50.00	\$150.00	\$211.00	\$633.00
18	202	Commercial Sign Pole Removed	5	EACH	\$175.00	\$875.00	\$100.00	\$500.00	\$439.00	\$2,195.00
19	202	Commercial Sign Base Removed	7	EACH	\$200.00	\$1,400.00	\$100.00	\$700.00	\$334.50	\$2,341.50
20	202	Commercial Sign Removed	7	EACH	\$220.00	\$1,540.00	\$100.00	\$700.00	\$321.00	\$2,247.00
21	202	Commercial Sign with Electric Removed	12	EACH	\$350.00	\$4,200.00	\$200.00	\$2,400.00	\$469.00	\$5,628.00
22	202	Parking Block Removed	2	EACH	\$50.00	\$100.00	\$2.00	\$4.00	\$22.00	\$44.00
23	202	Fence Removed	555	L.F.	\$4.00	\$2,220.00	\$1.00	\$555.00	\$1.60	\$888.00
24	202	Gate Removed	4	EACH	\$150.00	\$600.00	\$10.00	\$40.00	\$47.00	\$188.00
25	202	Railroad Ties Removed	741	L.F.	\$5.00	\$3,705.00	\$2.00	\$1,482.00	\$4.50	\$3,334.50
26	202	Flag Pole Removed	1	EACH	\$250.00	\$250.00	\$100.00	\$100.00	\$223.00	\$223.00
27	202	Brick Curb Removed	7	L.F.	\$3.00	\$21.00	\$1.00	\$7.00	\$12.00	\$84.00
28	202	Light Post Removed	10	EACH	\$160.00	\$1,600.00	\$10.00	\$100.00	\$219.50	\$2,195.00
29	203	Excavation Including Embankment Construction	11,764	C.Y.	\$12.00	\$141,168.00	\$6.00	\$70,584.00	\$14.45	\$169,989.80
30	203	Excavation Not Including Embankment Construction	1,400	C.Y.	\$10.00	\$14,000.00	\$6.00	\$8,400.00	\$12.90	\$18,060.00
31	203	Embankment	149	C.Y.	\$8.00	\$1,192.00	\$6.00	\$894.00	\$10.60	\$1,579.40
32	203	Subgrade Compaction	29,115	S.Y.	\$1.00	\$29,115.00	\$1.00	\$29,115.00	\$1.00	\$29,115.00
33	203	Proof Rolling	13	HOUR	\$90.00	\$1,170.00	\$75.00	\$975.00	\$143.00	\$1,859.00
34	203	Aggregate Refill, Type 1	4,765	C.Y.	\$38.00	\$181,070.00	\$23.00	\$109,595.00	\$37.80	\$180,117.00
35	203	Aggregate Refill, Type 2	4,765	C.Y.	\$38.00	\$181,070.00	\$26.00	\$123,890.00	\$37.70	\$179,640.50
36	456	Concrete Walk, 4 inch Thick	142	S.F.	\$3.50	\$497.00	\$5.50	\$781.00	\$4.90	\$695.80
37	456	Concrete Walk, 6 inch Thick	37,360	S.F.	\$4.00	\$149,440.00	\$6.60	\$246,576.00	\$3.75	\$140,100.00
38	456	Concrete Walk, 6 inch Thick, As Per Plan	795	S.F.	\$6.50	\$5,167.50	\$6.60	\$5,247.00	\$4.15	\$3,299.25
39	456	Concrete Walk, 6 inch Thick, As Per Plan (Embossed Colo	11,849	S.F.	\$8.50	\$100,716.50	\$8.90	\$105,456.10	\$9.90	\$117,305.10
40	456	Concrete Walk, 8 inch Thick, As Per Plan	5,649	S.F.	\$6.00	\$33,894.00	\$8.00	\$45,192.00	\$4.95	\$27,962.55
41	456	Curb Ramp	37	EACH	\$300.00	\$11,100.00	\$400.00	\$14,800.00	\$479.00	\$17,723.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. Lockhart Concrete		5. Wenger Excavating	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
42	456	Concrete Steps	216	L.F.	\$80.00	\$17,280.00	\$50.00	\$10,800.00	\$132.50	\$28,620.00
43	607	Fence, Type CL, 72 inch	449	L.F.	\$17.00	\$7,633.00	\$22.00	\$9,878.00	\$29.90	\$13,425.10
44	607	Gate, Type CI, 72 Inch	4	EACH	\$850.00	\$3,400.00	\$2,000.00	\$8,000.00	\$868.00	\$3,472.00
45	609	Geogrid	27,390	S.Y.	\$5.00	\$136,950.00	\$6.00	\$164,340.00	\$3.25	\$89,017.50
46	609	Geogrid	27,390	S.Y.	\$5.00	\$136,950.00	\$5.65	\$154,753.50	\$3.10	\$84,909.00
47	622	Monument Boxes	8	EACH	\$480.00	\$3,840.00	\$450.00	\$3,600.00	\$624.00	\$4,992.00
48	SPEC	Work Involving Non-Regulated Materials	100	TON	\$12.00	\$1,200.00	\$35.00	\$3,500.00	\$42.00	\$4,200.00
49	SPEC	Work Involving Petroleum-Contaminated Soil	100	TON	\$200.00	\$20,000.00	\$35.00	\$3,500.00	\$48.00	\$4,800.00
50	SPEC	Work Involving Water	500	GAL	\$1.00	\$500.00	\$3.00	\$1,500.00	\$12.00	\$6,000.00
51	SPEC	Work Involving Regulated Water	500	GAL	\$1.00	\$500.00	\$4.00	\$2,000.00	\$32.00	\$16,000.00
EROSION CONTROL										
52	653	Topsoil Furnished & Placed, 4 Inch Thick	4,270	S.Y.	\$3.30	\$14,091.00	\$1.00	\$4,270.00	\$3.25	\$13,877.50
53	659	Lawn Seeding and Mulching	4,270	S.Y.	\$1.35	\$5,764.50	\$1.00	\$4,270.00	\$1.10	\$4,697.00
54	659	Soil Analysis Test (ODOT Spec)	2	EACH	\$55.00	\$110.00	\$25.00	\$50.00	\$168.00	\$336.00
55	659	Repair Seeding And Mulching (ODOT Spec)	213	S.Y.	\$1.00	\$213.00	\$1.00	\$213.00	\$0.60	\$127.80
56	659	Inter-Seeding (ODOT Spec)	213	S.Y.	\$1.00	\$213.00	\$1.00	\$213.00	\$0.40	\$85.20
57	659	Lime (ODOT Spec)	1	AC.	\$100.00	\$100.00	\$200.00	\$200.00	\$324.00	\$324.00
58	659	Commercial Fertilizer (ODOT Spec)	1	TON	\$900.00	\$900.00	\$650.00	\$650.00	\$366.00	\$366.00
59	659	Water (ODOT Spec)	24	M. GAL	\$5.00	\$120.00	\$30.00	\$720.00	\$6.40	\$153.60
60	832	Erosion Control (ODOT Spec)	44,693	EACH	\$1.00	\$44,693.00	\$1.00	\$44,693.00	\$1.00	\$44,693.00
61	832	Storm Water Pollution Prevention Plan (ODOT Spec)	1	LUMP	\$6,500.00	\$6,500.00	\$3,000.00	\$3,000.00	\$4,234.00	\$4,234.00
DRAINAGE										
62	552	4 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 wit	32	L.F.	\$12.00	\$384.00	\$20.00	\$640.00	\$5.70	\$182.40
63	552	6 inch Storm Sewer, Type A, Class "B" Bedding	157	L.F.	\$37.00	\$5,809.00	\$40.00	\$6,280.00	\$6.50	\$1,020.50
64	552	12 inch Storm Sewer, Type A, Class "B" Bedding	176	L.F.	\$45.00	\$7,920.00	\$65.00	\$11,440.00	\$34.80	\$6,124.80
65	552	12 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 w	30	L.F.	\$45.00	\$1,350.00	\$75.00	\$2,250.00	\$34.80	\$1,044.00
66	552	15 inch Storm Sewer, Type A, Class "B" Bedding	97	L.F.	\$50.00	\$4,850.00	\$75.00	\$7,275.00	\$38.90	\$3,773.30
67	552	15 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 w	40	L.F.	\$50.00	\$2,000.00	\$100.00	\$4,000.00	\$38.90	\$1,556.00
68	552	18 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 w	20	L.F.	\$60.00	\$1,200.00	\$125.00	\$2,500.00	\$44.10	\$882.00
69	552	24 inch Storm Sewer, Type A, Class "B" Bedding, 706.08 w	40	L.F.	\$65.00	\$2,600.00	\$190.00	\$7,600.00	\$49.40	\$1,976.00
70	552	36 inch Storm Sewer, Type A, Class "B" Bedding	640	L.F.	\$98.00	\$62,720.00	\$200.00	\$128,000.00	\$57.30	\$36,672.00
71	552	42 inch Storm Sewer, Type A, Class "B" Bedding	641	L.F.	\$116.00	\$74,356.00	\$240.00	\$153,840.00	\$86.70	\$55,574.70
72	552	58 inch Storm Sewer, Type A, Class "B" Bedding	80	L.F.	\$260.00	\$20,800.00	\$400.00	\$32,000.00	\$109.70	\$8,776.00
73	553	12 inch Inlet Connection, Type A, Class "B" Bedding	1,692	L.F.	\$44.00	\$74,448.00	\$110.00	\$186,120.00	\$44.70	\$75,632.40
74	553	12 inch Inlet Connection, Type A, Class "A" Bedding, 715.0	353	L.F.	\$52.00	\$18,356.00	\$140.00	\$49,420.00	\$44.70	\$15,779.10
75	553	15 inch Inlet Connection, Type A, Class "B" Bedding	76	L.F.	\$58.00	\$4,408.00	\$150.00	\$11,400.00	\$45.30	\$3,442.80
76	553	15 inch Inlet Connection, Type A, Class "A" Bedding, 715.0	78	L.F.	\$62.00	\$4,836.00	\$170.00	\$13,260.00	\$45.30	\$3,533.40
77	556	House Drain Pipe, Complete	48	EACH	\$30.00	\$1,440.00	\$20.00	\$960.00	\$169.00	\$8,112.00
78	562	Manhole MH-2A on 12" Storm Sewer	4	EACH	\$2,400.00	\$9,600.00	\$1,400.00	\$5,600.00	\$1,437.00	\$5,748.00
79	562	Manhole MH-2A on 15" Storm Sewer	2	EACH	\$2,800.00	\$5,600.00	\$1,500.00	\$3,000.00	\$1,446.00	\$2,892.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. Lockhart Concrete		5. Wenger Excavating	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
80	562	Manhole MH-2A on 18" Storm Sewer	1	EACH	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$1,977.00	\$1,977.00
81	562	Manhole MH-2A on 24" Storm Sewer	2	EACH	\$3,000.00	\$6,000.00	\$2,200.00	\$4,400.00	\$2,432.00	\$4,864.00
82	562	Manhole MH-2A on 36" Storm Sewer	7	EACH	\$3,400.00	\$23,800.00	\$2,700.00	\$18,900.00	\$4,987.00	\$34,909.00
83	562	Manhole MH-2A on 42" Storm Sewer	7	EACH	\$3,400.00	\$23,800.00	\$3,600.00	\$25,200.00	\$4,727.00	\$33,089.00
84	562	Manhole MH-2A on 58" Storm Sewer	4	EACH	\$3,400.00	\$13,600.00	\$3,600.00	\$14,400.00	\$8,761.00	\$35,044.00
85	562	Brick Manhole Adjusted	47	EACH	\$360.00	\$16,920.00	\$250.00	\$11,750.00	\$236.00	\$11,092.00
86	563	Inlet, No. 5	32	EACH	\$1,300.00	\$41,600.00	\$1,200.00	\$38,400.00	\$1,439.00	\$46,048.00
87	563	Inlet, Double No. 5	50	EACH	\$2,400.00	\$120,000.00	\$1,950.00	\$97,500.00	\$2,132.00	\$106,600.00
88	564	4" Pipe Underdrains	7,143	L.F.	\$5.50	\$39,286.50	\$7.00	\$50,001.00	\$6.40	\$45,715.20
89	566	Trench Drain	119	L.F.	\$95.00	\$11,305.00	\$100.00	\$11,900.00	\$112.50	\$13,387.50
90	SPEC	Miscellaneous Metal (ODOT Spec)	9,000	POUND	\$1.00	\$9,000.00	\$0.50	\$4,500.00	\$2.15	\$19,350.00
91	835	Exfiltration Trench, Type C (ODOT Spec)	256	L.F.	\$90.00	\$23,040.00	\$35.00	\$8,960.00	\$69.50	\$17,792.00
PAVEMENT										
92	301	3-1/2 inch Bituminous Aggregate Base (for Driveways)	1	C.Y.	\$300.00	\$300.00	\$290.00	\$290.00	\$290.00	\$290.00
93	301	4-3/4 inch Bituminous Aggregate Base (for Driveways)	97	C.Y.	\$150.00	\$14,550.00	\$290.00	\$28,130.00	\$290.00	\$28,130.00
94	301	9 inch Bituminous Aggregate Base	6,097	C.Y.	\$95.00	\$579,215.00	\$91.00	\$554,827.00	\$94.50	\$576,166.50
95	304	Aggregate Base	4,494	C.Y.	\$34.00	\$152,796.00	\$32.00	\$143,808.00	\$39.80	\$178,861.20
96	404	Asphalt Concrete, 1-3/4" Thick (for Driveways)	26	C.Y.	\$250.00	\$6,500.00	\$350.00	\$9,100.00	\$350.00	\$9,100.00
97	407	Tack Coat	1,885	GAL	\$2.00	\$3,770.00	\$2.00	\$3,770.00	\$2.20	\$4,147.00
98	407	Tack Coat for Intermediate Course	976	GAL	\$2.00	\$1,952.00	\$2.00	\$1,952.00	\$2.20	\$2,147.20
99	446	Asphalt Concrete Surface Course, Type 1, 1-1/4 inch	847	C.Y.	\$135.00	\$114,345.00	\$136.00	\$115,192.00	\$136.50	\$115,615.50
100	446	Asphalt Concrete Intermediate Course, Type 2, 1-3/4 inch	1,186	C.Y.	\$124.00	\$147,064.00	\$108.00	\$128,088.00	\$110.40	\$130,934.40
101	452	7 inch Plain Portland Cement (for Driveways)	703	S.Y.	\$45.00	\$31,635.00	\$61.00	\$42,883.00	\$43.80	\$30,791.40
102	455	Curb, Type 6"x18"	8,329	L.F.	\$16.00	\$133,264.00	\$16.50	\$137,428.50	\$12.90	\$107,444.10
103	455	Combination Curb and Gutter	122	L.F.	\$25.00	\$3,050.00	\$22.00	\$2,684.00	\$25.60	\$3,123.20
104	456	Concrete Aprons, 6 inch Thick, As Per Plan	558	S.F.	\$4.00	\$2,232.00	\$6.60	\$3,682.80	\$5.90	\$3,292.20
105	456	Concrete Aprons, 8 inch Thick, As Per Plan	3,970	S.F.	\$5.00	\$19,850.00	\$8.00	\$31,760.00	\$6.85	\$27,194.50
106	461	Brick Pavement, Full Depth (for Driveways)	29	S.Y.	\$100.00	\$2,900.00	\$65.00	\$1,885.00	\$152.80	\$4,431.20
WATER WORKS										
107	202	12" Water Main Removed	125	L.F.	\$50.00	\$6,250.00	\$1.00	\$125.00	\$14.70	\$1,837.50
108	252	Remove and Relocate Curb Meter	22	EACH	\$750.00	\$16,500.00	\$50.00	\$1,100.00	\$468.00	\$10,296.00
109	252	Remove and Relocate Service Valve	36	EACH	\$600.00	\$21,600.00	\$50.00	\$1,800.00	\$232.00	\$8,352.00
110	252	Disconnect and Abandon Service Lateral	1	EACH	\$50.00	\$50.00	\$50.00	\$50.00	\$337.00	\$337.00
111	252	Trenches for Water Service in Earth	575	L.F.	\$18.00	\$10,350.00	\$5.00	\$2,875.00	\$11.90	\$6,842.50
112	254	6" Ductile Iron Pipe	127	L.F.	\$41.00	\$5,207.00	\$80.00	\$10,160.00	\$38.60	\$4,902.20
113	254	10" Ductile Iron Pipe	56	L.F.	\$60.00	\$3,360.00	\$90.00	\$5,040.00	\$48.50	\$2,716.00
114	254	12" Ductile Iron Pipe	80	L.F.	\$80.00	\$6,400.00	\$120.00	\$9,600.00	\$67.90	\$5,432.00
115	258	6" Gate Valve and Valve Box	7	EACH	\$900.00	\$6,300.00	\$700.00	\$4,900.00	\$787.00	\$5,509.00
116	258	10" Gate Valve and Valve Box	1	EACH	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,899.00	\$1,899.00
117	258	Valve and Valve Box Removed	7	EACH	\$150.00	\$1,050.00	\$50.00	\$350.00	\$149.00	\$1,043.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4. Lockhart Concrete		5. Wenger Excavating	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
118	259	8" Romac Coupling	2	EACH	\$140.00	\$280.00	\$120.00	\$240.00	\$237.00	\$474.00
119	259	12" Romac Coupling	16	EACH	\$145.00	\$2,320.00	\$190.00	\$3,040.00	\$433.00	\$6,928.00
120	259	6"x6" Tee	2	EACH	\$200.00	\$400.00	\$240.00	\$480.00	\$232.00	\$464.00
121	259	8"x6" Tee	3	EACH	\$265.00	\$795.00	\$310.00	\$930.00	\$244.00	\$732.00
122	259	12"x6" Tee	2	EACH	\$400.00	\$800.00	\$480.00	\$960.00	\$348.00	\$696.00
123	259	12"x10" Tee	1	EACH	\$500.00	\$500.00	\$560.00	\$560.00	\$437.00	\$437.00
124	259	10" 45 degree Bend	4	EACH	\$270.00	\$1,080.00	\$310.00	\$1,240.00	\$311.00	\$1,244.00
125	259	12" 45 degree Bend	24	EACH	\$300.00	\$7,200.00	\$420.00	\$10,080.00	\$346.00	\$8,304.00
126	259	6" Plug	7	EACH	\$100.00	\$700.00	\$25.00	\$175.00	\$149.00	\$1,043.00
127	259	10" Plug	1	EACH	\$100.00	\$100.00	\$50.00	\$50.00	\$177.00	\$177.00
128	259	6" Solid Sleeve	4	EACH	\$120.00	\$480.00	\$150.00	\$600.00	\$324.00	\$1,296.00
129	259	8" Solid Sleeve	4	EACH	\$160.00	\$640.00	\$200.00	\$800.00	\$378.00	\$1,512.00
130	259	12" Solid Sleeve	14	EACH	\$245.00	\$3,430.00	\$375.00	\$5,250.00	\$454.00	\$6,356.00
131	260	Fire Hydrant	10	EACH	\$450.00	\$4,500.00	\$2,000.00	\$20,000.00	\$2,879.00	\$28,790.00
132	260	Fire Hydrant Removed	7	EACH	\$250.00	\$1,750.00	\$100.00	\$700.00	\$354.00	\$2,478.00
133	261	Polyethylene Encasement, 6" Pipe	127	L.F.	\$1.00	\$127.00	\$0.50	\$63.50	\$0.60	\$76.20
134	261	Polyethylene Encasement, 10" Pipe	56	L.F.	\$2.00	\$112.00	\$0.60	\$33.60	\$0.80	\$44.80
135	261	Polyethylene Encasement, 12" Pipe	80	L.F.	\$2.00	\$160.00	\$0.70	\$56.00	\$1.00	\$80.00
136	263	Tying into 12" Main	13	EACH	\$850.00	\$11,050.00	\$100.00	\$1,300.00	\$433.00	\$5,629.00
137	265	Service Valve Box Adjusted	4	EACH	\$100.00	\$400.00	\$25.00	\$100.00	\$32.00	\$128.00
138	265	Curb Meter Adjusted	7	EACH	\$100.00	\$700.00	\$30.00	\$210.00	\$55.00	\$385.00
139	265	Water Main Valve Box Adjusted	29	EACH	\$125.00	\$3,625.00	\$50.00	\$1,450.00	\$29.00	\$841.00
140	267	Extend and Replace Hydrant	3	EACH	\$1,050.00	\$3,150.00	\$2,600.00	\$7,800.00	\$1,614.00	\$4,842.00
SANITARY WORK										
141	559	6" Pipe Reconnections, 707.20, Class NR Bedding	268	L.F.	\$22.00	\$5,896.00	\$70.00	\$18,760.00	\$26.40	\$7,075.20
142	559	6" Pipe Bends, 707.20, Class NR Bedding	32	EACH	\$30.00	\$960.00	\$20.00	\$640.00	\$48.00	\$1,536.00
143	559	8" Pipe Reconnections, 707.20, Class NR Bedding	235	L.F.	\$25.00	\$5,875.00	\$90.00	\$21,150.00	\$29.90	\$7,026.50
144	559	8" Pipe Bends, 707.20, Class NR Bedding	28	EACH	\$40.00	\$1,120.00	\$70.00	\$1,960.00	\$56.00	\$1,568.00
145	562	Brick Manhole Adjusted	20	EACH	\$320.00	\$6,400.00	\$250.00	\$5,000.00	\$211.00	\$4,220.00
LIGHTING										
146	625	4 Unit Mole Connector	4	EACH	\$100.00	\$400.00	\$49.00	\$196.00	\$108.25	\$433.00
147	625	Light Pole, Fluted Fiberglass 12' Pole w/ 100 Watt HPS Acorn Luminaire, Complete-in-place	49	EACH	\$3,000.00	\$147,000.00	\$2,217.00	\$108,633.00	\$2,914.00	\$142,786.00
148	625	Light Pole, Round Davit Aluminum 30' Pole w/ 250 Watt HPS Rectangular Luminaire, Complete-in-place	5	EACH	\$5,000.00	\$25,000.00	\$2,361.00	\$11,805.00	\$2,987.50	\$14,937.50
149	625	AWG NO. 6 Type Use Copper 600 Volt Distribution Cable	6,888	L.F.	\$0.75	\$5,166.00	\$1.23	\$8,472.24	\$1.65	\$11,365.20
150	625	AWG NO. 4 Type Use Copper 600 Volt Distribution Cable	2,202	L.F.	\$1.00	\$2,202.00	\$1.59	\$3,501.18	\$1.95	\$4,293.90
151	625	2" PVC SCH 40 Conduit Underground (Includes Conduit Ri	2,687	L.F.	\$5.00	\$13,435.00	\$2.15	\$5,777.05	\$3.50	\$9,404.50
152	625	Trench	2,687	L.F.	\$4.47	\$12,010.89	\$4.60	\$12,360.20	\$7.30	\$19,615.10
153	625	Pull Box, 13"x24"x18" Reinforced Polymer Concrete	2	EACH	\$500.00	\$1,000.00	\$406.00	\$812.00	\$511.00	\$1,022.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. Lockhart Concrete PRICE	4. Lockhart Concrete AMOUNT	5. Wenger Excavating PRICE	5. Wenger Excavating AMOUNT
154	625	High Voltage Test	1	L.S.	\$1,500.00	\$1,500.00	\$1,625.00	\$1,625.00	\$987.00	\$987.00
155	625	Luminaire Removed	4	EACH	\$25.00	\$100.00	\$39.00	\$156.00	\$117.00	\$468.00
TRAFFIC CONTROL										
156	621	Lane Lines, 4 Inch	2	MILE	\$600.00	\$1,200.00	\$400.00	\$800.00	\$468.00	\$936.00
157	621	Center Lines, Solid, Double	1	MILE	\$850.00	\$850.00	\$800.00	\$800.00	\$879.00	\$879.00
158	621	Broad Transverse Lines	46	L.F.	\$3.00	\$138.00	\$2.00	\$92.00	\$2.70	\$124.20
159	621	Island Marking, Yellow	32	S.F.	\$2.00	\$64.00	\$2.00	\$64.00	\$2.90	\$92.80
160	621	Lane Arrows	3	EACH	\$65.00	\$195.00	\$65.00	\$195.00	\$77.00	\$231.00
161	621	Edge Lines, White	2	MILE	\$470.00	\$940.00	\$600.00	\$1,200.00	\$1,211.00	\$2,422.00
162	625	Trenching and Backfill, 24" Deep	555	L.F.	\$5.00	\$2,775.00	\$4.60	\$2,553.00	\$5.90	\$3,274.50
163	625	Conduit, Schedule 40 PVC, 3" (Traffic)	547	L.F.	\$3.25	\$1,777.75	\$2.90	\$1,586.30	\$4.90	\$2,680.30
164	625	Conduit, Schedule 40 PVC, 4" (Communications)	555	L.F.	\$4.25	\$2,358.75	\$3.95	\$2,192.25	\$5.80	\$3,219.00
165	629	Street Name Sign	39	EACH	\$115.00	\$4,485.00	\$95.00	\$3,705.00	\$119.00	\$4,641.00
166	629	Street Name Sign Pole	20	EACH	\$170.00	\$3,400.00	\$150.00	\$3,000.00	\$156.00	\$3,120.00
167	630	Ground Mounted Supports, No. 2 Post	548	L.F.	\$6.50	\$3,562.00	\$4.50	\$2,466.00	\$4.55	\$2,493.40
168	630	Ground Mounted Supports, No. 3 Post	305	L.F.	\$7.00	\$2,135.00	\$5.50	\$1,677.50	\$5.55	\$1,692.75
169	630	Removal of Ground Mounted Sign and Storage	32	EACH	\$15.50	\$496.00	\$20.00	\$640.00	\$21.00	\$672.00
170	630	Removal of Ground Mounted Sign and Re-Erection	30	EACH	\$37.00	\$1,110.00	\$75.00	\$2,250.00	\$79.00	\$2,370.00
171	630	Removal of Pole Mounted Sign and Storage	37	EACH	\$14.00	\$518.00	\$15.00	\$555.00	\$17.00	\$629.00
172	630	Removal of Pole Mounted Sign and Re-Erection	13	EACH	\$31.00	\$403.00	\$55.00	\$715.00	\$57.00	\$741.00
173	630	Removal of Ground Mounted Post Support	41	EACH	\$24.00	\$984.00	\$25.00	\$1,025.00	\$29.00	\$1,189.00
174	630	Sign Hanger Assembly, Mast Arm	4	EACH	\$280.00	\$1,120.00	\$185.00	\$740.00	\$189.00	\$756.00
175	630	Sign Flat Sheet	99	S.F.	\$16.00	\$1,584.00	\$12.00	\$1,188.00	\$13.00	\$1,287.00
176	632	Pullbox, Polymer Concrete, 24"x36"x24"	4	EACH	\$800.00	\$3,200.00	\$705.00	\$2,820.00	\$803.00	\$3,212.00
LANDSCAPING										
177	663	Tree Planting w/ Grate (Skyline Honey Locust, 4'x6' Grate)	116	EACH	\$1,300.00	\$150,800.00	\$1,165.00	\$135,140.00	\$1,321.00	\$153,236.00
178	669	Protecting Trees	1	L.S.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,933.00	\$2,933.00
RETAINING WALLS										
179	611	Modular Block Wall	3,506	S.F.	\$35.00	\$122,710.00	\$26.00	\$91,156.00	\$38.90	\$136,383.40
MAINTENANCE OF TRAFFIC										
180	410	Traffic Compacted Surface, Type A or B (ODOT Spec)	1,319	C.Y.	\$24.00	\$31,656.00	\$23.00	\$30,337.00	\$38.40	\$50,649.60
181	613	Uniformed Law Enforcement Officer	900	Hours	\$38.00	\$34,200.00	\$38.00	\$34,200.00	\$38.00	\$34,200.00
182	613	Uniformed Law Enforcement Officer with Patrol Car	900	Hours	\$56.00	\$50,400.00	\$56.00	\$50,400.00	\$56.00	\$50,400.00
183	614	Flashing Arrow Panel (ODOT Spec)	6	EACH	\$1,100.00	\$6,600.00	\$625.00	\$3,750.00	\$1,124.00	\$6,744.00
184	614	Work Zone Edge Line, Class I, 642 Paint (ODOT Spec)	2	MILE	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00	\$765.00	\$1,530.00
185	614	Work Zone Center Line, Class I, 642 Paint (ODOT Spec)	3	MILE	\$1,500.00	\$4,500.00	\$2,500.00	\$7,500.00	\$2,987.00	\$8,961.00
186	614	Work Zone Stop Line, Class I, 642 Paint (ODOT Spec)	72	L.F.	\$10.00	\$720.00	\$2.00	\$144.00	\$2.40	\$172.80
187	614	Portable Changeable Message Sign, As Per Plan	36	SIGN MONTH	\$700.00	\$25,200.00	\$650.00	\$23,400.00	\$776.00	\$27,936.00
188	614	American Recovery and Reinvestment Act (ARRA) Sign, Conventional Road, As Per Plan (ODOT Spec)	2	EACH	\$1,200.00	\$2,400.00	\$950.00	\$1,900.00	\$1,332.00	\$2,664.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. Lockhart Concrete PRICE	4. Lockhart Concrete AMOUNT	5. Wenger Excavating PRICE	5. Wenger Excavating AMOUNT
	614	Maintaining Traffic	1	L.S.	\$45,000.00	\$45,000.00	\$150,000.00	\$150,000.00	\$232,437.00	\$232,437.00
189	616	Water	53	M. GAL	\$30.00	\$1,590.00	\$30.00	\$1,590.00	\$6.00	\$318.00
190	616	Calcium Chloride	19	TON	\$120.00	\$2,280.00	\$500.00	\$9,500.00	\$459.00	\$8,721.00
MISC.										
191	103.05	Contract Performance Bond	1	L.S.	\$30,000.00	\$30,000.00	\$110,000.00	\$110,000.00	\$162,113.00	\$102,113.00
192	619	Field Office	1	L.S.	\$11,000.00	\$11,000.00	\$5,000.00	\$5,000.00	\$18,684.00	\$18,684.00
193	623	Construction Layout Stakes	1	L.S.	\$25,000.00	\$25,000.00	\$100,000.00	\$100,000.00	\$36,455.00	\$36,455.00
194	624	Mobilization	1	L.S.	\$48,000.00	\$48,000.00	\$75,000.00	\$75,000.00	\$161,283.00	\$161,283.00
LIGHTING - ALTERNATE #1										
188	625	4 Unit Mole Connector	30	EACH	\$100.00	\$3,000.00	\$49.00	\$1,470.00	\$98.50	\$2,955.00
189	625	Light Pole, Fluted Fiberglass 12' Pole w/ 80 Watt LED	49	EACH	\$3,500.00	\$171,500.00	\$3,298.00	\$161,602.00	\$4,327.40	\$212,042.60
190	625	Light Pole, Round Davit Aluminum 30' Pole w/ 150 Watt	5	EACH	\$5,500.00	\$27,500.00	\$2,792.00	\$13,960.00	\$4,357.60	\$21,788.00
191	625	AWG NO. 6 Type Use Copper 600 Volt Distribution Cable	12,486	L.F.	\$0.75	\$9,364.50	\$1.23	\$15,357.78	\$1.65	\$20,601.90
192	625	AWG NO. 4 Type Use Copper 600 Volt Distribution Cable	2,220	L.F.	\$1.00	\$2,220.00	\$1.59	\$3,529.80	\$1.95	\$4,329.00
193	625	2" PVC SCH 40 Conduit Underground (Includes Conduit	6,305	L.F.	\$5.00	\$31,525.00	\$2.15	\$13,555.75	\$3.80	\$23,959.00
194	625	Trench	6,305	L.F.	\$4.47	\$28,183.35	\$4.60	\$29,003.00	\$3.95	\$24,904.75
195	625	Pull Box, 13"x24"x18" Reinforced Polymer Concrete	12	EACH	\$500.00	\$6,000.00	\$406.00	\$4,872.00	\$448.60	\$5,383.20
196	625	Control Centers With Metering, Complete-in-place	5	EACH	\$7,500.00	\$37,500.00	\$3,524.00	\$17,620.00	\$1,812.00	\$9,060.00
197	625	Lighting Misc.: Power Service, As Per Plan	5	EACH	\$5,500.00	\$27,500.00	\$1,934.00	\$9,670.00	\$598.00	\$2,990.00
198	625	High Voltage Test	1	L.S.	\$1,500.00	\$1,500.00	\$2,875.00	\$2,875.00	\$1,518.00	\$1,518.00
199	625	Luminaire Removed	4	EACH	\$25.00	\$100.00	\$39.00	\$156.00	\$100.00	\$400.00
ALTERNATE #2										
200	609	Engineering Geogrid for Roadways, type BX1200	27,390	S.Y.	\$5.00	\$136,950.00	\$6.00	\$164,340.00	\$5.30	\$145,167.00
ALTERNATE #3										
201	609	Engineering Geogrid for Roadways, type BX1300	27,390	S.Y.	\$5.00	\$3,045.00	\$5.65	\$154,753.50	\$4.85	\$132,841.50
TOTAL CONSTRUCTION COSTS						\$4,372,557.59		\$4,599,853.72		\$4,750,462.65
+/- ENGINEER'S ESTIMATE								+5.2%		+8.6%
ALTERNATE #1										
TOTAL CONSTRUCTION COSTS						\$345,892.85		\$273,671.33		\$329,931.45
+/- ENGINEER'S ESTIMATE								-20.9%		-4.6%

BID TAB FOR: South Main Street Roadway Improvements PID 86493 FILE NO. 2009-028-00

BID DATE: April 28, 2010 CODE: 41430.P09008

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. Lockhart Concrete PRICE	4. Lockhart Concrete AMOUNT	5. Wenger Excavating PRICE	5. Wenger Excavating AMOUNT
<u>ALTERNATE #2</u>										
TOTAL CONSTRUCTION COSTS						\$136,950.00		\$164,340.00		\$145,167.00
+/- ENGINEER'S ESTIMATE								+20.0%		+6.0%
<u>ALTERNATE #3</u>										
TOTAL CONSTRUCTION COSTS						\$136,950.00		\$154,753.50		\$132,841.50
+/- ENGINEER'S ESTIMATE								+13.0%		-3.0%

* Ref. #43 correction neither initialed nor dated, Ref. #88 extended amount incorrect in bid book