

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742					Bid Date: 8/25/10					
ORD#: 1547-2010					Contract Award:					
Ref.	Item				ENGINEER'S ESTIMATE		Eramo & Sons		Nickolas Savko	
No.	No.	Description	Qty.	Unit	Price	Amount	Price	Amount	Price	Amount
DIVISION OF SEWERAGE & DRAINAGE CC-14534 SEWER PLANS										
1	201	Clearing And Grubbing	1	LUMP	\$10,000	\$10,000.00	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00
2	202	Pipe Removed	4,138	LIN FT	\$20	\$82,760.00	\$2.50	\$10,345.00	\$9.10	\$37,655.80
3	202	Manhole Removed	9	EACH	\$600	\$5,400.00	\$125.00	\$1,125.00	\$180.00	\$1,620.00
4	202	Catch Basin Removed	5	EACH	\$350	\$1,750.00	\$100.00	\$500.00	\$180.00	\$900.00
5	202	Curb Inlet Removed	17	EACH	\$500	\$8,500.00	\$100.00	\$1,700.00	\$180.00	\$3,060.00
6	202	Walk Removed	18	SQ FT	\$20	\$360.00	\$3.00	\$54.00	\$2.10	\$37.80
7	202	Vault To Be Removed	1	EACH	\$600	\$600.00	\$500.00	\$500.00	\$1,314.00	\$1,314.00
8	207	Construction Seeding and Mulching	3,700	SQ YD	\$0.80	\$2,960.00	\$0.40	\$1,480.00	\$0.40	\$1,480.00
9	207	Filter Fabric Fence	2,700	LIN FT	\$1.50	\$4,050.00	\$3.00	\$8,100.00	\$2.10	\$5,670.00
10	207	Inlet Protection	20	LIN FT	\$1	\$20.00	\$10.00	\$200.00	\$3.10	\$62.00
11	207	Inlet Protection (Beaver Dams)	19	EACH	\$100	\$1,900.00	\$105.00	\$1,995.00	\$99.40	\$1,888.60
12	207	Inlet Protection (Dandy Bags)	66	EACH	\$100	\$6,600.00	\$70.00	\$4,620.00	\$76.20	\$5,029.20
13	252	Permanent Pavement Replacement, Type I	300	CU YD	\$440	\$132,000.00	\$190.00	\$57,000.00	\$233.00	\$69,900.00
14	252	Driveway Pavement Replacement, Type IIIA (residential)	75	CU YD	\$250	\$18,750.00	\$350.00	\$26,250.00	\$160.00	\$12,000.00
15	252	Driveway Pavement Replacement, Type IIIA (commercial)	10	CU YD	\$300	\$3,000.00	\$450.00	\$4,500.00	\$200.00	\$2,000.00
16	252	Driveway Pavement Replacement, Type IIIB (residential)	30	CU YD	\$350	\$10,500.00	\$250.00	\$7,500.00	\$370.00	\$11,100.00
17	252	Driveway Pavement Replacement, Type IIIB (commercial)	50	CU YD	\$375	\$18,750.00	\$250.00	\$12,500.00	\$305.00	\$15,250.00
18	252	Driveway Pavement Replacement, Type IIIC	10	CU YD	\$75	\$750.00	\$25.00	\$250.00	\$30.00	\$300.00
19	253	Temporary Pavement Replacement *	1,000	SQ YD	\$140	\$140,000.00	\$5.00	\$5,000.00	\$18.50	\$18,500.00
20	254	Pavement Planing	961	SQ YD	\$1.10	\$1,057.10	\$2.00	\$1,922.00	\$2.10	\$2,018.10
21	404	Asphalt Concrete	90	TON	\$145	\$13,050.00	\$68.00	\$6,120.00	\$74.90	\$6,741.00
22	407	Tack Coat	199	GAL.	\$2	\$398.00	\$2.00	\$398.00	\$2.60	\$517.40
23	601	Rock Channel Protection, Type B, With Fabric Filter	15	CU YD	\$63	\$945.00	\$100.00	\$1,500.00	\$79.00	\$1,185.00
24	602	Concrete Masonry	7	CU YD	\$600	\$4,020.00	\$1,200.00	\$8,040.00	\$963.00	\$6,452.10
25	604	Manhole Type A	41	EACH	\$1,800	\$73,800.00	\$1,300.00	\$53,300.00	\$1,451.00	\$59,491.00
26	604	Manhole Type B	10	EACH	\$2,000	\$20,000.00	\$1,800.00	\$18,000.00	\$2,033.00	\$20,330.00
27	604	Manhole Type E	1	EACH	\$2,000	\$2,000.00	\$2,100.00	\$2,100.00	\$1,563.00	\$1,563.00
28	604	Curb Inlet, Type AA-S120	1	EACH	\$1,000	\$1,000.00	\$1,500.00	\$1,500.00	\$1,596.00	\$1,596.00
29	604	Curb Inlet Manhole, Type AA-S121	3	EACH	\$1,550	\$4,650.00	\$1,700.00	\$5,100.00	\$1,863.00	\$5,589.00
30	604	Curb and Gutter Inlet, Type AA-S125	15	EACH	\$1,000	\$15,000.00	\$1,300.00	\$19,500.00	\$1,280.00	\$19,200.00
31	604	Standard Catch Basin, Type AA-S133	28	EACH	\$1,500	\$42,000.00	\$1,000.00	\$28,000.00	\$1,013.00	\$28,364.00
32	604	48" Catch Basin, Type AA-S136	8	EACH	\$1,500	\$12,000.00	\$2,000.00	\$16,000.00	\$2,216.00	\$17,728.00
33	608	Concrete Walk	68	SQ FT	\$5	\$340.00	\$6.00	\$408.00	\$4.80	\$326.40
34	608	Curb Ramps	5	EACH	\$800	\$4,000.00	\$525.00	\$2,625.00	\$455.00	\$2,275.00
35	614	Maintaining Traffic	1	LUMP	\$40,000	\$40,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00
36	616	Water *	2	M.GAL	\$66	\$132.00	\$75.00	\$150.00	\$46.00	\$92.00
37	616	Calcium Chloride	2	TON	\$200	\$400.00	\$300.00	\$600.00	\$334.00	\$668.00
38	623	Construction Layout Stakes	1	LUMP	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
39	624	Mobilization	1	LUMP	\$40,000	\$40,000.00	\$70,000.00	\$70,000.00	\$100,000.00	\$100,000.00
40	625	Pull Box (as per plan)	1	EACH	\$500	\$500.00	\$750.00	\$750.00	\$769.00	\$769.00
41	632	Conduit Riser, 1 or 2 Inch Diameter	5	LIN FT	\$10	\$50.00	\$20.00	\$100.00	\$23.60	\$118.00
42	632	Conduit 1, 1 1/2, 2 Inch	11	LIN FT	\$20	\$220.00	\$15.00	\$165.00	\$17.40	\$191.40
43	632	Detector Loop	1	EACH	\$935	\$935.00	\$2,000.00	\$2,000.00	\$2,051.00	\$2,051.00
44	632	Loop Detector Lead-In Cable	1	LIN FT	\$5	\$5.00	\$3.00	\$3.00	\$2.90	\$2.90
45	632	Lash/Unlash Cable	5	LIN FT	\$3	\$15.00	\$2.00	\$10.00	\$2.50	\$12.50
46	632	Microwave Unit, (as per plan)	1	EACH	\$2,000	\$2,000.00	\$2,000.00	\$2,000.00	\$2,256.00	\$2,256.00
47	653	Topsoil furnished and place (as directed)	2,036	CU YD	\$26	\$52,936.00	\$15.00	\$30,540.00	\$29.50	\$60,062.00
48	659	Seeding and Mulching	18,320	SQ YD	\$0.50	\$9,160.00	\$0.40	\$7,328.00	\$0.80	\$14,656.00
49	805	Curb Box *	20	EACH	\$500	\$10,000.00	\$100.00	\$2,000.00	\$74.80	\$1,496.00
50	807	Valve Boxes Adjusted to Grade	1	EACH	\$600	\$600.00	\$200.00	\$200.00	\$139.00	\$139.00
51	807	Service Boxes Adjusted to Grade *	80	EACH	\$500	\$40,000.00	\$20.00	\$1,600.00	\$83.00	\$6,640.00
52	808	Relocate 6" water line *	4	EACH	\$5,000	\$20,000.00	\$2,000.00	\$8,000.00	\$6,000.00	\$24,000.00
53	808	Relocate 10" water line *	3	EACH	\$6,000	\$18,000.00	\$2,500.00	\$7,500.00	\$6,700.00	\$20,100.00
54	808	Relocate 12" water line *	3	EACH	\$7,000	\$21,000.00	\$3,500.00	\$10,500.00	\$7,300.00	\$21,900.00
55	816	3/4" water service relocated *	60	EACH	\$500	\$30,000.00	\$100.00	\$6,000.00	\$500.00	\$30,000.00
56	901	12" Pipe, with Type I Bedding, Item 912 Backfill	978	LIN FT	\$50	\$48,900.00	\$90.00	\$88,020.00	\$51.00	\$49,878.00
57	901	15" Pipe, with Type I Bedding, Item 912 Backfill	474	LIN FT	\$50	\$23,700.00	\$110.00	\$52,140.00	\$77.80	\$36,877.20
58	901	18" Pipe, with Type I Bedding, Item 912 Backfill	565	LIN FT	\$65	\$36,725.00	\$115.00	\$64,975.00	\$87.50	\$49,437.50
59	901	21" Pipe, with Type I Bedding, Item 912 Backfill	227	LIN FT	\$70	\$15,890.00	\$118.00	\$26,786.00	\$99.00	\$22,473.00
60	901	24" Pipe, with Type I Bedding, Item 912 Backfill	472	LIN FT	\$85	\$40,120.00	\$125.00	\$59,000.00	\$93.20	\$43,990.40
61	901	42" Pipe, with Type I Bedding, Item 912 Backfill	211	LIN FT	\$200	\$42,200.00	\$200.00	\$42,200.00	\$306.00	\$64,566.00
62	902	Increased or Decreased Earth Excavation	20	CU YD	\$10	\$200.00	\$30.00	\$600.00	\$20.00	\$400.00
63	906	Stone Foundation	25	CU YD	\$42	\$1,050.00	\$30.00	\$750.00	\$40.00	\$1,000.00
64	1551	Detectable Warning, Type A	6	EACH	\$100	\$600.00	\$200.00	\$1,200.00	\$174.00	\$1,044.00

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					Price	Amount	Price	Amount	Price	Amount
65	SPEC	12" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	315	LIN FT	\$80	\$25,200.00	\$130.00	\$40,950.00	\$55.50	\$17,482.50
66	SPEC	16" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,781	LIN FT	\$90	\$160,290.00	\$135.00	\$240,435.00	\$68.10	\$121,286.10
67	SPEC	18" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,363	LIN FT	\$100	\$136,300.00	\$140.00	\$190,820.00	\$73.10	\$99,635.30
68	SPEC	24" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	991	LIN FT	\$120	\$118,920.00	\$145.00	\$143,695.00	\$109.00	\$108,019.00
69	SPEC	30" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,136	LIN FT	\$150	\$170,400.00	\$160.00	\$181,760.00	\$206.00	\$234,016.00
70	SPEC	36" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	694	LIN FT	\$170	\$117,980.00	\$200.00	\$138,800.00	\$264.00	\$183,216.00
71	SPEC	Pipe Filled In Place	87	LIN FT	\$29	\$2,523.00	\$10.00	\$870.00	\$14.00	\$1,218.00
72	SPEC	Inlet adjusted to grade *	10	EACH	\$250	\$2,500.00	\$575.00	\$5,750.00	\$275.00	\$2,750.00
73	SPEC	Project identification Signs	2	EACH	\$100	\$200.00	\$500.00	\$1,000.00	\$1,500.00	\$3,000.00
74	SPEC	Tree Autumn Blaize Maple	1	EACH	\$1,500	\$1,500.00	\$600.00	\$600.00	\$400.00	\$400.00
75	SS-1	Diversion of Flow in Sewer System	1	LUMP	\$500	\$500.00	\$2,500.00	\$2,500.00	\$4,700.00	\$4,700.00
SEWER SUB-TOTAL						\$1,884,561.10		\$1,815,429.00		\$1,748,686.20
119	SPEC	FORCE ACCOUNT (.15 x sum of all above Items)		.15 X (base)		\$282,684.17		\$272,314.35		\$262,302.93
120		SEWERS TOTAL PROJECT COSTS				\$2,167,245.27		\$2,087,743.35		\$2,010,989.13
NOTES:										
1. *Denotes contingency items										

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TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS										
121	202	CURB AND GUTTER REMOVED	31	LIN FT	\$8.48	\$262.88	\$27.00	\$837.00	\$10.80	\$334.80
122	209	LINEAR GRADING (RESHAPING BERM)	100	LIN FT	\$7.69	\$769.00	\$10.00	\$1,000.00	\$13.80	\$1,380.00
123	251	PARTIAL DEPTH PAVEMENT REPLACEMENT	40	CU YD	\$306.20	\$12,248.00	\$220.00	\$8,800.00	\$308.00	\$12,320.00
124	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIB	26	CU YD	\$300.00	\$7,800.00	\$250.00	\$6,500.00	\$364.00	\$9,464.00
125	252	PERMANENT PAVEMENT REPLACEMENT TYPE I	5	CU YD	\$443.20	\$2,216.00	\$300.00	\$1,500.00	\$135.00	\$675.00
126	254	PAVEMENT PLANING (1" TO 3")	32,634	SQ YD	\$1.11	\$36,223.74	\$1.25	\$40,792.50	\$2.10	\$68,531.40
127	254	PLANING (0" TO 1-1/4"), 6' EDGE MILL	7,742	SQ YD	\$1.11	\$8,593.62	\$1.45	\$11,225.90	\$2.10	\$16,258.20
128	404	ASPHALT CONCRETE (0"- 3/4") PRELEVEL	1,831	TON	\$67.35	\$123,317.85	\$64.00	\$117,184.00	\$74.90	\$137,141.90
129	404	ASPHALT CONCRETE 1-1/2"	3,541	TON	\$71.38	\$252,756.58	\$65.00	\$230,165.00	\$74.90	\$265,220.90
130	407	COVER AGGREGATE	120	TON	\$35.60	\$4,272.00	\$25.00	\$3,000.00	\$41.00	\$4,920.00
131	407	TACK COAT, RUBBER	4,391	GAL	\$2.18	\$9,572.38	\$2.40	\$10,538.40	\$2.60	\$11,416.60
132	408	BITUMINOUS PRIME COAT	123	SQ YD	\$4.66	\$573.18	\$2.60	\$319.80	\$2.90	\$356.70
133	409	SEAL COAT BITUMINOUS MATERIAL	37	GAL	\$16.40	\$606.80	\$2.90	\$107.30	\$10.30	\$381.10
134	409	SEAL COAT COVER AGGREGATE	2	TON	\$538.00	\$1,076.00	\$600.00	\$1,200.00	\$410.00	\$820.00
135	411	STABILIZED CRUSHED AGGREGATE	7	CU YD	\$305.00	\$2,135.00	\$240.00	\$1,680.00	\$205.00	\$1,435.00
136	416	ASPHALT CONCRETE, CONTRACTOR MIX DESIGN, SURFACE, TYPE II, AS PER PLAN 1.5"	119	TON	\$77.78	\$9,255.82	\$80.00	\$9,520.00	\$84.10	\$10,007.90
137	604	MANHOLE ADJUSTED TO GRADE (W/O ADJUSTMENT RING)	1	EACH	\$888.00	\$888.00	\$850.00	\$850.00	\$537.00	\$537.00
138	605	4" PIPE UNDERDRAIN	81	LIN FT	\$3.94	\$319.14	\$5.00	\$405.00	\$4.70	\$380.70
139	609	COMBINATION CURB AND GUTTER, STANDARD	31	LIN FT	\$13.50	\$418.50	\$35.00	\$1,085.00	\$46.60	\$1,444.60
140	618	PIPE ROOF DRAINS	50	LIN FT	\$15.88	\$794.00	\$20.00	\$1,000.00	\$12.30	\$615.00
141	625	CONDUIT, 1", 713.04	25	LIN FT	\$8.30	\$207.50	\$12.00	\$300.00	\$14.40	\$360.00
142	625	CONDUIT, 2", 713.04	25	LIN FT	\$11.33	\$283.25	\$15.00	\$375.00	\$17.40	\$435.00
143	625	GROUND ROD	1	EACH	\$162.23	\$162.23	\$280.00	\$280.00	\$282.00	\$282.00
144	625	PULLBOX, 11" X 18" X 18" D	1	EACH	\$540.49	\$540.49	\$750.00	\$750.00	\$769.00	\$769.00
145	625	TRENCH	25	LIN FT	\$18.90	\$472.50	\$12.00	\$300.00	\$12.30	\$307.50
146	632	DETECTOR LOOP, AS PER PLAN	2	EACH	\$933.60	\$1,867.20	\$2,000.00	\$4,000.00	\$2,051.00	\$4,102.00
147	632	LOOP DETECTOR LEAD-IN CABLE	25	LIN FT	\$2.02	\$50.50	\$3.00	\$75.00	\$2.90	\$72.50
148	653	TOPSOIL FURNISHED AND PLACED	1	CU YD	\$43.00	\$43.00	\$45.00	\$45.00	\$71.40	\$71.40
149	659	SEEDING AND MULCHING	6	SQ YD	\$2.17	\$13.02	\$2.00	\$12.00	\$5.10	\$30.60
150	807	HEAVY DUTY VALVE BOX	1	EACH	\$254.00	\$254.00	\$160.00	\$160.00	\$291.00	\$291.00
151	807	WATER VALVE ADJUSTED TO GRADE, BURIED	1	EACH	\$888.00	\$888.00	\$425.00	\$425.00	\$355.00	\$355.00
152	807	WATER VALVE BOXES ADJUSTED TO GRADE (W/O ADJUSTMENT RING)	9	EACH	\$888.00	\$7,992.00	\$425.00	\$3,825.00	\$251.00	\$2,259.00
153	SPEC	ASPHALT CONCRETE PATCHING	25	TON	\$145.00	\$3,625.00	\$95.00	\$2,375.00	\$123.00	\$3,075.00
154	SPEC	ASPHALT REJUVENATING AGENT	29,629	SQ YD	\$0.74	\$21,925.46	\$0.75	\$22,221.75	\$0.80	\$23,703.20
155	SPEC	BITUMINOUS ASPHALT HEATWELD REPAIR, PUDDLE PATCH	100	SQ FT	\$4.30	\$430.00	\$6.00	\$600.00	\$5.00	\$500.00
156	SPEC	FLAGGER	80	hour	\$47.20	\$3,776.00	\$55.00	\$4,400.00	\$47.20	\$3,776.00
157	SPECIAL	LASH, UNLASH OF LEAD IN CABLE	50.00	LIN FT		\$171.50	\$3.00	\$150.00	\$2.50	\$125.00
158	SPEC	LAW ENFORCEMENT OFFICER	16.00	hour	\$45.80	\$732.80	\$60.00	\$960.00	\$53.30	\$852.80
159	SPEC	MINIMUM HEATWELD CHARGE, PUDDLE PATCH	10	EACH	\$240.00	\$2,400.00	\$400.00	\$4,000.00	\$297.00	\$2,970.00
160	SPEC	PRELEVELING	43,882	SQ YD	\$0.14	\$6,143.48	\$0.10	\$4,388.20	\$0.20	\$8,776.40
161	SPEC	PUDDLE PATCH	20	TON	\$197.00	\$3,940.00	\$360.00	\$7,200.00	\$236.00	\$4,720.00
162	SPEC	SAWCUTTING (1-1/2" DEPTH), AS PER PLAN	20	LIN FT	\$2.00	\$40.00	\$3.00	\$60.00	\$2.10	\$42.00
163	SPEC	SPOT PLANING, 2 INCHES OR LESS	50	SQ YD	\$8.90	\$445.00	\$10.00	\$500.00	\$8.20	\$410.00
164	SPEC	TOWING PARKED CARS	10	EACH	\$52.00	\$520.00	\$50.00	\$500.00	\$103.00	\$1,030.00
165	SPEC	CONTINGENCY (ASPHALT BINDER ADJUSTMENT)	1	LUMP	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
ROADWAY SUB-TOTAL						\$556,021.42		\$530,611.85		\$627,956.20
170	SPEC	FORCE ACCOUNT(.10 x sum of all above Items)	.10 X	(base)		\$55,602.14		\$53,061.19		\$62,795.62
171		ROADWAY TOTAL PROJECT COSTS				\$611,623.56		\$583,673.04		\$690,751.82

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TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS										
121	202	WALK REMOVED AND DISPOSED OF, AS PER PLAN	350	SQ YD	\$20.00	\$7,000.00	\$20.00	\$7,000.00	\$2.60	\$910.00
122	202	CURB & GUTTER REMOVED AND DISPOSED OF, AS PER PLAN	661	LIN FT	\$10.00	\$6,610.00	\$9.00	\$5,949.00	\$6.40	\$4,230.40
123	203	EXCAVATION INCLUDING EMBANKMENT, AS PER PLAN	73	CU YD	\$35.00	\$2,555.00	\$30.00	\$2,190.00	\$32.90	\$2,401.70
124	604	INLETS & CATCH BASINS, ADJUSTED TO GRADE	15	EACH	\$250.00	\$3,750.00	\$205.00	\$3,075.00	\$294.00	\$4,410.00
125	608	4-INCH CONCRETE WALK, INCLUDES CURB RAMPS	4,349	SQ FT	\$5.75	\$25,006.75	\$6.00	\$26,094.00	\$4.50	\$19,570.50
126	608	8-INCH CONCRETE WALK, INCLUDES CURB RAMPS, AS PER PLAN	128	SQ FT	\$6.40	\$819.20	\$7.00	\$896.00	\$7.70	\$985.60
127	608	CURB RAMPS, AS PER PLAN	48	EACH	\$130.00	\$6,240.00	\$130.00	\$6,240.00	\$663.00	\$31,824.00
128	609	COMBINATION CURB AND GUTTER, AS PER PLAN	661	LIN FT	\$21.00	\$13,881.00	\$20.00	\$13,220.00	\$27.90	\$18,441.90
129	609	CONCRETE CURB 12-INCH BEHIND WALK, AS PER PLAN	192	LIN FT	\$16.00	\$3,072.00	\$15.00	\$2,880.00	\$26.90	\$5,164.80
130	614	MAINTAINING TRAFFIC, AS PER PLAN	48	EACH	\$52.00	\$2,496.00	\$100.00	\$4,800.00	\$120.00	\$5,760.00
131	630	REMOVAL, STORAGE AND RE-ERECTION OF SIGNS AND SUPPORTS	5	EACH	\$100.00	\$500.00	\$100.00	\$500.00	\$61.50	\$307.50
132	653	TOPSOIL, FURNISHED AND PLACED, AS PER PLAN	58	CU YD	\$75.00	\$4,350.00	\$45.00	\$2,610.00	\$45.90	\$2,662.20
133	659	SEEDING AND MULCHING, AS PER PLAN	210	SQ YD	\$3.20	\$672.00	\$1.00	\$210.00	\$2.10	\$441.00
134	807	ADJUST VALVE AND SERVICE BOXES TO GRADE, AS PER PLAN	5	EACH	\$175.00	\$875.00	\$100.00	\$500.00	\$139.00	\$695.00
135	SPEC	BITUMINOUS PAVEMENT PATCH OF CURB RAMPS, UN-RESURFACED STREETS	10	TON	\$250.00	\$2,500.00	\$250.00	\$2,500.00	\$240.00	\$2,400.00
136	SPEC	DETECTABLE WARNINGS – NEW CONSTRUCTION, TYPE “E”	48	EACH	\$225.00	\$10,800.00	\$200.00	\$9,600.00	\$174.00	\$8,352.00
137	SPEC	DETECTABLE WARNINGS – RETROFIT, TYPE “D”	9	EACH	\$250.00	\$2,250.00	\$230.00	\$2,070.00	\$260.00	\$2,340.00
CURB RAMP SUB-TOTAL						\$93,376.95		\$90,334.00		\$110,896.60
170	SPEC	FORCE ACCOUNT(.10 x sum of all above Items)	.10 X (base)			\$9,337.70		\$9,033.40		\$11,089.66
171		CURB RAMP TOTAL PROJECT COSTS				\$102,714.65		\$99,367.40		\$121,986.26
172		DIVISION OF SEWERAGE & DRAINAGE CC-14534 SEWER PLANS			SEWER TOTAL	\$2,167,245.27		\$2,087,743.35		\$2,010,989.13
173		TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS			ROADWAY TOTAL	\$611,623.56		\$583,673.04		\$690,751.82
		ADA CURB RAMPS (1666 A)			CURB RAMP TOTAL	\$102,714.65		\$99,367.40		\$121,986.26
174		TOTAL PROJECT COSTS				\$2,881,583.47		\$2,770,783.79		\$2,823,727.21
		% DIFFERENCE FROM ENGINEER'S ESTIMATE						-3.85%		-2.01%
		Bond Amount (Page P-30)						\$290,000.00		\$285,000.00
		Bonding Company (Page P-30)						Ohio Farmers Insurance		Ohio Farmers Insurance
		Proposal Bond Amount Required						\$277,078.38		\$282,372.72
		Contract Compliance No. (Page P-2a)						31-0724866		31-0907362
		Non-Collusion Affidavit Completed? (Page P-29)						Yes		Yes
		Local Vendor? (Page P-3)						Yes		Yes
		Addendum Acknowledgement Completed? (Page P-3)						Yes		Yes
		Proposal Affidavit Completed? (Page P-34)						Yes		Yes

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742										
ORD#: 1547-2010										
Ref.	Item				ENGINEER'S ESTIMATE		Double Z		George Igel	
No.	No.	Description	Qty.	Unit	Price	Amount	Price	Amount	Price	Amount
DIVISION OF SEWERAGE & DRAINAGE CC-14534 SEWER PLANS										
1	201	Clearing And Grubbing	1	LUMP	\$10,000	\$10,000.00	\$17,000.00	\$17,000.00	\$15,250.00	\$15,250.00
2	202	Pipe Removed	4,138	LIN FT	\$20	\$82,760.00	\$6.00	\$24,828.00	\$2.55	\$10,551.90
3	202	Manhole Removed	9	EACH	\$600	\$5,400.00	\$300.00	\$2,700.00	\$360.00	\$3,240.00
4	202	Catch Basin Removed	5	EACH	\$350	\$1,750.00	\$300.00	\$1,500.00	\$300.00	\$1,500.00
5	202	Curb Inlet Removed	17	EACH	\$500	\$8,500.00	\$275.00	\$4,675.00	\$300.00	\$5,100.00
6	202	Walk Removed	18	SQ FT	\$20	\$360.00	\$8.00	\$144.00	\$16.50	\$297.00
7	202	Vault To Be Removed	1	EACH	\$600	\$600.00	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00
8	207	Construction Seeding and Mulching	3,700	SQ YD	\$0.80	\$2,960.00	\$0.75	\$2,775.00	\$0.80	\$2,960.00
9	207	Filter Fabric Fence	2,700	LIN FT	\$1.50	\$4,050.00	\$2.00	\$5,400.00	\$1.75	\$4,725.00
10	207	Inlet Protection	20	LIN FT	\$1	\$20.00	\$10.00	\$200.00	\$5.15	\$103.00
11	207	Inlet Protection (Beaver Dams)	19	EACH	\$100	\$1,900.00	\$90.00	\$1,710.00	\$117.00	\$2,223.00
12	207	Inlet Protection (Dandy Bags)	66	EACH	\$100	\$6,600.00	\$80.00	\$5,280.00	\$93.50	\$6,171.00
13	252	Permanent Pavement Replacement, Type I	300	CU YD	\$440	\$132,000.00	\$220.00	\$66,000.00	\$230.00	\$69,000.00
14	252	Driveway Pavement Replacement, Type IIIA (residential)	75	CU YD	\$250	\$18,750.00	\$340.00	\$25,500.00	\$760.00	\$57,000.00
15	252	Driveway Pavement Replacement, Type IIIA (commercial)	10	CU YD	\$300	\$3,000.00	\$380.00	\$3,800.00	\$1,275.00	\$12,750.00
16	252	Driveway Pavement Replacement, Type IIIB (residential)	30	CU YD	\$350	\$10,500.00	\$350.00	\$10,500.00	\$520.00	\$15,600.00
17	252	Driveway Pavement Replacement, Type IIIB (commercial)	50	CU YD	\$375	\$18,750.00	\$360.00	\$18,000.00	\$275.00	\$13,750.00
18	252	Driveway Pavement Replacement, Type IIIC	10	CU YD	\$75	\$750.00	\$175.00	\$1,750.00	\$115.00	\$1,150.00
19	253	Temporary Pavement Replacement *	1,000	SQ YD	\$140	\$140,000.00	\$18.00	\$18,000.00	\$27.00	\$27,000.00
20	254	Pavement Planing	961	SQ YD	\$1.10	\$1,057.10	\$5.50	\$5,285.50	\$5.50	\$5,285.50
21	404	Asphalt Concrete	90	TON	\$145	\$13,050.00	\$117.50	\$10,575.00	\$70.00	\$6,300.00
22	407	Tack Coat	199	GAL.	\$2	\$398.00	\$2.50	\$497.50	\$2.50	\$497.50
23	601	Rock Channel Protection, Type B, With Fabric Filter	15	CU YD	\$63	\$945.00	\$95.00	\$1,425.00	\$70.00	\$1,050.00
24	602	Concrete Masonry	7	CU YD	\$600	\$4,020.00	\$950.00	\$6,365.00	\$750.00	\$5,025.00
25	604	Manhole Type A	41	EACH	\$1,800	\$73,800.00	\$2,000.00	\$82,000.00	\$1,150.00	\$47,150.00
26	604	Manhole Type B	10	EACH	\$2,000	\$20,000.00	\$3,000.00	\$30,000.00	\$2,300.00	\$23,000.00
27	604	Manhole Type E	1	EACH	\$2,000	\$2,000.00	\$4,800.00	\$4,800.00	\$4,100.00	\$4,100.00
28	604	Curb Inlet, Type AA-S120	1	EACH	\$1,000	\$1,000.00	\$2,200.00	\$2,200.00	\$1,925.00	\$1,925.00
29	604	Curb Inlet Manhole, Type AA-S121	3	EACH	\$1,550	\$4,650.00	\$2,600.00	\$7,800.00	\$2,150.00	\$6,450.00
30	604	Curb and Gutter Inlet, Type AA-S125	15	EACH	\$1,000	\$15,000.00	\$1,800.00	\$27,000.00	\$1,125.00	\$16,875.00
31	604	Standard Catch Basin, Type AA-S133	28	EACH	\$1,500	\$42,000.00	\$1,400.00	\$39,200.00	\$925.00	\$25,900.00
32	604	48" Catch Basin, Type AA-S136	8	EACH	\$1,500	\$12,000.00	\$3,000.00	\$24,000.00	\$1,650.00	\$13,200.00
33	608	Concrete Walk	68	SQ FT	\$5	\$340.00	\$15.00	\$1,020.00	\$6.50	\$442.00
34	608	Curb Ramps	5	EACH	\$800	\$4,000.00	\$800.00	\$4,000.00	\$810.00	\$4,050.00
35	614	Maintaining Traffic	1	LUMP	\$40,000	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
36	616	Water *	2	M.GAL	\$66	\$132.00	\$100.00	\$200.00	\$45.00	\$90.00
37	616	Calcium Chloride	2	TON	\$200	\$400.00	\$100.00	\$200.00	\$260.00	\$520.00
38	623	Construction Layout Stakes	1	LUMP	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$31,000.00	\$31,000.00
39	624	Mobilization	1	LUMP	\$40,000	\$40,000.00	\$100,000.00	\$100,000.00	\$82,250.00	\$82,250.00
40	625	Pull Box (as per plan)	1	EACH	\$500	\$500.00	\$750.00	\$750.00	\$765.00	\$765.00
41	632	Conduit Riser, 1 or 2 Inch Diameter	5	LIN FT	\$10	\$50.00	\$23.00	\$115.00	\$23.25	\$116.25
42	632	Conduit 1, 1 1/2, 2 Inch	11	LIN FT	\$20	\$220.00	\$17.00	\$187.00	\$17.25	\$189.75
43	632	Detector Loop	1	EACH	\$935	\$935.00	\$2,000.00	\$2,000.00	\$2,050.00	\$2,050.00
44	632	Loop Detector Lead-In Cable	1	LIN FT	\$5	\$5.00	\$2.80	\$2.80	\$2.85	\$2.85
45	632	Lash/Unlash Cable	5	LIN FT	\$3	\$15.00	\$2.40	\$12.00	\$2.45	\$12.25
46	632	Microwave Unit, (as per plan)	1	EACH	\$2,000	\$2,000.00	\$2,200.00	\$2,200.00	\$2,250.00	\$2,250.00
47	653	Topsoil furnished and place (as directed)	2,036	CU YD	\$26	\$52,936.00	\$21.00	\$42,756.00	\$15.00	\$30,540.00
48	659	Seeding and Mulching	18,320	SQ YD	\$0.50	\$9,160.00	\$1.00	\$18,320.00	\$1.10	\$20,152.00
49	805	Curb Box *	20	EACH	\$500	\$10,000.00	\$100.00	\$2,000.00	\$230.00	\$4,600.00
50	807	Valve Boxes Adjusted to Grade	1	EACH	\$600	\$600.00	\$275.00	\$275.00	\$315.00	\$315.00
51	807	Service Boxes Adjusted to Grade *	80	EACH	\$500	\$40,000.00	\$100.00	\$8,000.00	\$260.00	\$20,800.00
52	808	Relocate 6" water line *	4	EACH	\$5,000	\$20,000.00	\$4,000.00	\$16,000.00	\$1,090.00	\$4,360.00
53	808	Relocate 10" water line *	3	EACH	\$6,000	\$18,000.00	\$5,500.00	\$16,500.00	\$1,950.00	\$5,850.00
54	808	Relocate 12" water line *	3	EACH	\$7,000	\$21,000.00	\$6,500.00	\$19,500.00	\$2,700.00	\$8,100.00
55	816	3/4" water service relocated *	60	EACH	\$500	\$30,000.00	\$1,000.00	\$60,000.00	\$630.00	\$37,800.00
56	901	12" Pipe, with Type I Bedding, Item 912 Backfill	978	LIN FT	\$50	\$48,900.00	\$60.00	\$58,680.00	\$65.00	\$63,570.00
57	901	15" Pipe, with Type I Bedding, Item 912 Backfill	474	LIN FT	\$50	\$23,700.00	\$70.00	\$33,180.00	\$85.00	\$40,290.00
58	901	18" Pipe, with Type I Bedding, Item 912 Backfill	565	LIN FT	\$65	\$36,725.00	\$80.00	\$45,200.00	\$95.00	\$53,675.00
59	901	21" Pipe, with Type I Bedding, Item 912 Backfill	227	LIN FT	\$70	\$15,890.00	\$90.00	\$20,430.00	\$115.00	\$26,105.00
60	901	24" Pipe, with Type I Bedding, Item 912 Backfill	472	LIN FT	\$85	\$40,120.00	\$105.00	\$49,560.00	\$130.00	\$61,360.00
61	901	42" Pipe, with Type I Bedding, Item 912 Backfill	211	LIN FT	\$200	\$42,200.00	\$225.00	\$47,475.00	\$250.00	\$52,750.00
62	902	Increased or Decreased Earth Excavation	20	CU YD	\$10	\$200.00	\$25.00	\$500.00	\$9.00	\$180.00
63	906	Stone Foundation	25	CU YD	\$42	\$1,050.00	\$45.00	\$1,125.00	\$35.00	\$875.00
64	1551	Detectable Warning, Type A	6	EACH	\$100	\$600.00	\$280.00	\$1,680.00	\$205.00	\$1,230.00

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742										
ORD#: 1547-2010										
Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Double Z		George Igel	
					Price	Amount	Price	Amount	Price	Amount
65	SPEC	12" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	315	LIN FT	\$80	\$25,200.00	\$65.00	\$20,475.00	\$85.00	\$26,775.00
66	SPEC	16" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,781	LIN FT	\$90	\$160,290.00	\$85.00	\$151,385.00	\$95.00	\$169,195.00
67	SPEC	18" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,363	LIN FT	\$100	\$136,300.00	\$95.00	\$129,485.00	\$110.00	\$149,930.00
68	SPEC	24" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	991	LIN FT	\$120	\$118,920.00	\$115.00	\$113,965.00	\$150.00	\$148,650.00
69	SPEC	30" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,136	LIN FT	\$150	\$170,400.00	\$140.00	\$159,040.00	\$180.00	\$204,480.00
70	SPEC	36" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	694	LIN FT	\$170	\$117,980.00	\$215.00	\$149,210.00	\$235.00	\$163,090.00
71	SPEC	Pipe Filled In Place	87	LIN FT	\$29	\$2,523.00	\$10.00	\$870.00	\$14.00	\$1,218.00
72	SPEC	Inlet adjusted to grade *	10	EACH	\$250	\$2,500.00	\$450.00	\$4,500.00	\$460.00	\$4,600.00
73	SPEC	Project identification Signs	2	EACH	\$100	\$200.00	\$700.00	\$1,400.00	\$755.00	\$1,510.00
74	SPEC	Tree Autumn Blaize Maple	1	EACH	\$1,500	\$1,500.00	\$600.00	\$600.00	\$565.00	\$565.00
75	SS-1	Diversion of Flow in Sewer System	1	LUMP	\$500	\$500.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
SEWER SUB-TOTAL						\$1,884,561.10		\$1,813,207.80		\$1,894,932.00
119	SPEC	FORCE ACCOUNT(.15 x sum of all above Items)		.15 X (base)		\$282,684.17		\$271,981.17		\$284,239.80
120		SEWERS TOTAL PROJECT COSTS				\$2,167,245.27		\$2,085,188.97		\$2,179,171.80
NOTES:										
1. *Denotes contingency items										

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742										
ORD#: 1547-2010										
Ref.	Item				ENGINEER'S ESTIMATE		Double Z		George Igel	
No.	No.	Description	Qty.	Unit	Price	Amount	Price	Amount	Price	Amount
TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS										
121	202	CURB AND GUTTER REMOVED	31	LIN FT	\$8.48	\$262.88	\$20.00	\$620.00	\$10.00	\$310.00
122	209	LINEAR GRADING (RESHAPING BERM)	100	LIN FT	\$7.69	\$769.00	\$3.00	\$300.00	\$6.00	\$600.00
123	251	PARTIAL DEPTH PAVEMENT REPLACEMENT	40	CU YD	\$306.20	\$12,248.00	\$300.00	\$12,000.00	\$230.00	\$9,200.00
124	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIB	26	CU YD	\$300.00	\$7,800.00	\$265.00	\$6,890.00	\$350.00	\$9,100.00
125	252	PERMANENT PAVEMENT REPLACEMENT TYPE I	5	CU YD	\$443.20	\$2,216.00	\$400.00	\$2,000.00	\$250.00	\$1,250.00
126	254	PAVEMENT PLANING (1" TO 3")	32,634	SQ YD	\$1.11	\$36,223.74	\$1.65	\$53,846.10	\$1.30	\$42,424.20
127	254	PLANING (0" TO 1-1/4"), 6' EDGE MILL	7,742	SQ YD	\$1.11	\$8,593.62	\$1.65	\$12,774.30	\$1.50	\$11,613.00
128	404	ASPHALT CONCRETE (0"- 3/4") PRELEVEL	1,831	TON	\$67.35	\$123,317.85	\$69.00	\$126,339.00	\$66.00	\$120,846.00
129	404	ASPHALT CONCRETE 1-1/2"	3,541	TON	\$71.38	\$252,756.58	\$78.00	\$276,198.00	\$66.00	\$233,706.00
130	407	COVER AGGREGATE	120	TON	\$35.60	\$4,272.00	\$12.00	\$1,440.00	\$30.40	\$3,648.00
131	407	TACK COAT, RUBBER	4,391	GAL	\$2.18	\$9,572.38	\$2.50	\$10,977.50	\$2.50	\$10,977.50
132	408	BITUMINOUS PRIME COAT	123	SQ YD	\$4.66	\$573.18	\$1.70	\$209.10	\$2.65	\$325.95
133	409	SEAL COAT BITUMINOUS MATERIAL	37	GAL	\$16.40	\$606.80	\$7.00	\$259.00	\$2.90	\$107.30
134	409	SEAL COAT COVER AGGREGATE	2	TON	\$538.00	\$1,076.00	\$125.00	\$250.00	\$615.00	\$1,230.00
135	411	STABILIZED CRUSHED AGGREGATE	7	CU YD	\$305.00	\$2,135.00	\$100.00	\$700.00	\$250.00	\$1,750.00
136	416	ASPHALT CONCRETE, CONTRACTOR MIX DESIGN, SURFACE, TYPE II, AS PER PLAN 1.5"	119	TON	\$77.78	\$9,255.82	\$87.00	\$10,353.00	\$82.00	\$9,758.00
137	604	MANHOLE ADJUSTED TO GRADE (W/O ADJUSTMENT RING)	1	EACH	\$888.00	\$888.00	\$900.00	\$900.00	\$500.00	\$500.00
138	605	4" PIPE UNDERDRAIN	81	LIN FT	\$3.94	\$319.14	\$5.00	\$405.00	\$15.50	\$1,255.50
139	609	COMBINATION CURB AND GUTTER, STANDARD	31	LIN FT	\$13.50	\$418.50	\$30.00	\$930.00	\$27.50	\$852.50
140	618	PIPE ROOF DRAINS	50	LIN FT	\$15.88	\$794.00	\$10.00	\$500.00	\$18.50	\$925.00
141	625	CONDUIT, 1", 713.04	25	LIN FT	\$8.30	\$207.50	\$14.00	\$350.00	\$14.25	\$356.25
142	625	CONDUIT, 2", 713.04	25	LIN FT	\$11.33	\$283.25	\$17.00	\$425.00	\$17.25	\$431.25
143	625	GROUND ROD	1	EACH	\$162.23	\$162.23	\$275.00	\$275.00	\$280.00	\$280.00
144	625	PULLBOX, 11" X 18" X 18" D	1	EACH	\$540.49	\$540.49	\$750.00	\$750.00	\$755.00	\$755.00
145	625	TRENCH	25	LIN FT	\$18.90	\$472.50	\$12.00	\$300.00	\$12.25	\$306.25
146	632	DETECTOR LOOP, AS PER PLAN	2	EACH	\$933.60	\$1,867.20	\$2,000.00	\$4,000.00	\$2,025.00	\$4,050.00
147	632	LOOP DETECTOR LEAD-IN CABLE	25	LIN FT	\$2.02	\$50.50	\$2.80	\$70.00	\$2.85	\$71.25
148	653	TOPSOIL FURNISHED AND PLACED	1	CU YD	\$43.00	\$43.00	\$150.00	\$150.00	\$25.00	\$25.00
149	659	SEEDING AND MULCHING	6	SQ YD	\$2.17	\$13.02	\$10.00	\$60.00	\$1.10	\$6.60
150	807	HEAVY DUTY VALVE BOX	1	EACH	\$254.00	\$254.00	\$250.00	\$250.00	\$275.00	\$275.00
151	807	WATER VALVE ADJUSTED TO GRADE, BURIED	1	EACH	\$888.00	\$888.00	\$900.00	\$900.00	\$225.00	\$225.00
152	807	WATER VALVE BOXES ADJUSTED TO GRADE (W/O ADJUSTMENT RING)	9	EACH	\$888.00	\$7,992.00	\$900.00	\$8,100.00	\$225.00	\$2,025.00
153	SPEC	ASPHALT CONCRETE PATCHING	25	TON	\$145.00	\$3,625.00	\$160.00	\$4,000.00	\$95.00	\$2,375.00
154	SPEC	ASPHALT REJUVENATING AGENT	29,629	SQ YD	\$0.74	\$21,925.46	\$0.80	\$23,703.20	\$0.80	\$23,703.20
155	SPEC	BITUMINOUS ASPHALT HEATWELD REPAIR, PUDDLE PATCH	100	SQ FT	\$4.30	\$430.00	\$4.50	\$450.00	\$4.50	\$450.00
156	SPEC	FLAGGER	80	hour	\$47.20	\$3,776.00	\$48.00	\$3,840.00	\$45.00	\$3,600.00
157	SPECIAL	LASH, UNLASH OF LEAD IN CABLE	50.00	LIN FT		\$171.50	\$2.40	\$120.00	\$2.45	\$122.50
158	SPEC	LAW ENFORCEMENT OFFICER	16.00	hour	\$45.80	\$732.80	\$50.00	\$800.00	\$50.00	\$800.00
159	SPEC	MINIMUM HEATWELD CHARGE, PUDDLE PATCH	10	EACH	\$240.00	\$2,400.00	\$250.00	\$2,500.00	\$360.00	\$3,600.00
160	SPEC	PRELEVELING	43,882	SQ YD	\$0.14	\$6,143.48	\$0.25	\$10,970.50	\$0.12	\$5,265.84
161	SPEC	PUDDLE PATCH	20	TON	\$197.00	\$3,940.00	\$200.00	\$4,000.00	\$240.00	\$4,800.00
162	SPEC	SAWCUTTING (1-1/2" DEPTH), AS PER PLAN	20	LIN FT	\$2.00	\$40.00	\$3.50	\$70.00	\$2.05	\$41.00
163	SPEC	SPOT PLANING, 2 INCHES OR LESS	50	SQ YD	\$8.90	\$445.00	\$10.00	\$500.00	\$3.60	\$180.00
164	SPEC	TOWING PARKED CARS	10	EACH	\$52.00	\$520.00	\$50.00	\$500.00	\$125.00	\$1,250.00
165	SPEC	CONTINGENCY (ASPHALT BINDER ADJUSTMENT)	1	LUMP	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
ROADWAY SUB-TOTAL						\$556,021.42		\$609,974.70		\$540,373.09
170	SPEC	FORCE ACCOUNT(.10 x sum of all above Items)	.10 X	(base)		\$55,602.14		\$60,997.47		\$54,037.31
171		ROADWAY TOTAL PROJECT COSTS				\$611,623.56		\$670,972.17		\$594,410.40

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742										
ORD#: 1547-2010										
Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Double Z		George Igel	
					Price	Amount	Price	Amount	Price	Amount
TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS										
121	202	WALK REMOVED AND DISPOSED OF, AS PER PLAN	350	SQ YD	\$20.00	\$7,000.00	\$24.70	\$8,645.00	\$20.50	\$7,175.00
122	202	CURB & GUTTER REMOVED AND DISPOSED OF, AS PER PLAN	661	LIN FT	\$10.00	\$6,610.00	\$11.35	\$7,502.35	\$8.00	\$5,288.00
123	203	EXCAVATION INCLUDING EMBANKMENT, AS PER PLAN	73	CU YD	\$35.00	\$2,555.00	\$25.00	\$1,825.00	\$19.00	\$1,387.00
124	604	INLETS & CATCH BASINS, ADJUSTED TO GRADE	15	EACH	\$250.00	\$3,750.00	\$150.00	\$2,250.00	\$460.00	\$6,900.00
125	608	4-INCH CONCRETE WALK, INCLUDES CURB RAMPS	4,349	SQ FT	\$5.75	\$25,006.75	\$4.70	\$20,440.30	\$6.30	\$27,398.70
126	608	8-INCH CONCRETE WALK, INCLUDES CURB RAMPS, AS PER PLAN	128	SQ FT	\$6.40	\$819.20	\$6.00	\$768.00	\$9.40	\$1,203.20
127	608	CURB RAMPS, AS PER PLAN	48	EACH	\$130.00	\$6,240.00	\$150.00	\$7,200.00	\$715.00	\$34,320.00
128	609	COMBINATION CURB AND GUTTER, AS PER PLAN	661	LIN FT	\$21.00	\$13,881.00	\$19.45	\$12,856.45	\$20.50	\$13,550.50
129	609	CONCRETE CURB 12-INCH BEHIND WALK, AS PER PLAN	192	LIN FT	\$16.00	\$3,072.00	\$18.00	\$3,456.00	\$15.75	\$3,024.00
130	614	MAINTAINING TRAFFIC, AS PER PLAN	48	EACH	\$52.00	\$2,496.00	\$75.00	\$3,600.00	\$40.00	\$1,920.00
131	630	REMOVAL, STORAGE AND RE-ERECTION OF SIGNS AND SUPPORTS	5	EACH	\$100.00	\$500.00	\$150.00	\$750.00	\$165.00	\$825.00
132	653	TOPSOIL, FURNISHED AND PLACED, AS PER PLAN	58	CU YD	\$75.00	\$4,350.00	\$50.00	\$2,900.00	\$115.00	\$6,670.00
133	659	SEEDING AND MULCHING, AS PER PLAN	210	SQ YD	\$3.20	\$672.00	\$3.00	\$630.00	\$1.10	\$231.00
134	807	ADJUST VALVE AND SERVICE BOXES TO GRADE, AS PER PLAN	5	EACH	\$175.00	\$875.00	\$100.00	\$500.00	\$215.00	\$1,075.00
135	SPEC	BITUMINOUS PAVEMENT PATCH OF CURB RAMPS, UN-RESURFACED STREETS	10	TON	\$250.00	\$2,500.00	\$250.00	\$2,500.00	\$205.00	\$2,050.00
136	SPEC	DETECTABLE WARNINGS – NEW CONSTRUCTION, TYPE “E”	48	EACH	\$225.00	\$10,800.00	\$150.00	\$7,200.00	\$205.00	\$9,840.00
137	SPEC	DETECTABLE WARNINGS – RETROFIT, TYPE “D”	9	EACH	\$250.00	\$2,250.00	\$225.00	\$2,025.00	\$255.00	\$2,295.00
CURB RAMP SUB-TOTAL						\$93,376.95		\$85,048.10		\$125,152.40
170	SPEC	FORCE ACCOUNT(.10 x sum of all above Items)	.10 X (base)			\$9,337.70		\$8,504.81		\$12,515.24
171		CURB RAMP TOTAL PROJECT COSTS				\$102,714.65		\$93,552.91		\$137,667.64
172		DIVISION OF SEWERAGE & DRAINAGE CC-14534 SEWER PLANS			SEWER TOTAL	\$2,167,245.27		\$2,085,188.97		\$2,179,171.80
173		TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS			ROADWAY TOTAL	\$611,623.56		\$670,972.17		\$594,410.40
		ADA CURB RAMPS (1666 A)			CURB RAMP TOTAL	\$102,714.65		\$93,552.91		\$137,667.64
174		TOTAL PROJECT COSTS				\$2,881,583.47		\$2,849,714.05		\$2,911,249.84
		% DIFFERENCE FROM ENGINEER'S ESTIMATE						-1.11%		1.03%
		Bond Amount (Page P-30)						\$295,000.00		\$300,000.00
		Bonding Company (Page P-30)						Ohio Farmers Insurance		Ohio Farmers Insurance
		Proposal Bond Amount Required						\$284,971.41		\$291,124.98
		Contract Compliance No. (Page P-2a)						31-1788042		31-4214570
		Non-Collusion Affidavit Completed? (Page P-29)						Yes		Yes
		Local Vendor? (Page P-3)						Yes		Yes
		Addendum Acknowledgement Completed? (Page P-3)						Yes		Yes
		Proposal Affidavit Completed? (Page P-34)						Yes		Yes

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742										
ORD#: 1547-2010										
Ref.	Item				ENGINEER'S ESTIMATE		Underground		Complete General	
No.	No.	Description	Qty.	Unit	Price	Amount	Price	Amount	Price	Amount
DIVISION OF SEWERAGE & DRAINAGE CC-14534 SEWER PLANS										
1	201	Clearing And Grubbing	1	LUMP	\$10,000	\$10,000.00	\$12,000.00	\$12,000.00	\$47,500.00	\$47,500.00
2	202	Pipe Removed	4,138	LIN FT	\$20	\$82,760.00	\$2.00	\$8,276.00	\$7.00	\$28,966.00
3	202	Manhole Removed	9	EACH	\$600	\$5,400.00	\$300.00	\$2,700.00	\$500.00	\$4,500.00
4	202	Catch Basin Removed	5	EACH	\$350	\$1,750.00	\$200.00	\$1,000.00	\$400.00	\$2,000.00
5	202	Curb Inlet Removed	17	EACH	\$500	\$8,500.00	\$200.00	\$3,400.00	\$375.00	\$6,375.00
6	202	Walk Removed	18	SQ FT	\$20	\$360.00	\$3.00	\$54.00	\$1.75	\$31.50
7	202	Vault To Be Removed	1	EACH	\$600	\$600.00	\$500.00	\$500.00	\$3,250.00	\$3,250.00
8	207	Construction Seeding and Mulching	3,700	SQ YD	\$0.80	\$2,960.00	\$0.50	\$1,850.00	\$0.50	\$1,850.00
9	207	Filter Fabric Fence	2,700	LIN FT	\$1.50	\$4,050.00	\$2.00	\$5,400.00	\$1.95	\$5,265.00
10	207	Inlet Protection	20	LIN FT	\$1	\$20.00	\$10.00	\$200.00	\$3.00	\$60.00
11	207	Inlet Protection (Beaver Dams)	19	EACH	\$100	\$1,900.00	\$70.00	\$1,330.00	\$140.00	\$2,660.00
12	207	Inlet Protection (Dandy Bags)	66	EACH	\$100	\$6,600.00	\$40.00	\$2,640.00	\$110.00	\$7,260.00
13	252	Permanent Pavement Replacement, Type I	300	CU YD	\$440	\$132,000.00	\$300.00	\$90,000.00	\$250.00	\$75,000.00
14	252	Driveway Pavement Replacement, Type IIIA (residential)	75	CU YD	\$250	\$18,750.00	\$500.00	\$37,500.00	\$400.00	\$30,000.00
15	252	Driveway Pavement Replacement, Type IIIA (commercial)	10	CU YD	\$300	\$3,000.00	\$600.00	\$6,000.00	\$380.00	\$3,800.00
16	252	Driveway Pavement Replacement, Type IIIB (residential)	30	CU YD	\$350	\$10,500.00	\$500.00	\$15,000.00	\$380.00	\$11,400.00
17	252	Driveway Pavement Replacement, Type IIIB (commercial)	50	CU YD	\$375	\$18,750.00	\$400.00	\$20,000.00	\$360.00	\$18,000.00
18	252	Driveway Pavement Replacement, Type IIIC	10	CU YD	\$75	\$750.00	\$40.00	\$400.00	\$75.00	\$750.00
19	253	Temporary Pavement Replacement *	1,000	SQ YD	\$140	\$140,000.00	\$20.00	\$20,000.00	\$7.00	\$7,000.00
20	254	Pavement Planing	961	SQ YD	\$1.10	\$1,057.10	\$5.40	\$5,189.40	\$5.20	\$4,997.20
21	404	Asphalt Concrete	90	TON	\$145	\$13,050.00	\$95.00	\$8,550.00	\$66.00	\$5,940.00
22	407	Tack Coat	199	GAL.	\$2	\$398.00	\$2.50	\$497.50	\$2.40	\$477.60
23	601	Rock Channel Protection, Type B, With Fabric Filter	15	CU YD	\$63	\$945.00	\$95.00	\$1,425.00	\$92.00	\$1,380.00
24	602	Concrete Masonry	7	CU YD	\$600	\$4,020.00	\$1,300.00	\$8,710.00	\$890.00	\$5,963.00
25	604	Manhole Type A	41	EACH	\$1,800	\$73,800.00	\$2,400.00	\$98,400.00	\$2,700.00	\$110,700.00
26	604	Manhole Type B	10	EACH	\$2,000	\$20,000.00	\$3,600.00	\$36,000.00	\$3,350.00	\$33,500.00
27	604	Manhole Type E	1	EACH	\$2,000	\$2,000.00	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00
28	604	Curb Inlet, Type AA-S120	1	EACH	\$1,000	\$1,000.00	\$2,900.00	\$2,900.00	\$2,450.00	\$2,450.00
29	604	Curb Inlet Manhole, Type AA-S121	3	EACH	\$1,550	\$4,650.00	\$3,300.00	\$9,900.00	\$2,450.00	\$7,350.00
30	604	Curb and Gutter Inlet, Type AA-S125	15	EACH	\$1,000	\$15,000.00	\$1,500.00	\$22,500.00	\$2,150.00	\$32,250.00
31	604	Standard Catch Basin, Type AA-S133	28	EACH	\$1,500	\$42,000.00	\$1,000.00	\$28,000.00	\$1,525.00	\$42,700.00
32	604	48" Catch Basin, Type AA-S136	8	EACH	\$1,500	\$12,000.00	\$3,900.00	\$31,200.00	\$2,500.00	\$20,000.00
33	608	Concrete Walk	68	SQ FT	\$5	\$340.00	\$27.00	\$1,836.00	\$6.60	\$448.80
34	608	Curb Ramps	5	EACH	\$800	\$4,000.00	\$530.00	\$2,650.00	\$145.00	\$725.00
35	614	Maintaining Traffic	1	LUMP	\$40,000	\$40,000.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00
36	616	Water *	2	M.GAL	\$66	\$132.00	\$100.00	\$200.00	\$50.00	\$100.00
37	616	Calcium Chloride	2	TON	\$200	\$400.00	\$600.00	\$1,200.00	\$350.00	\$700.00
38	623	Construction Layout Stakes	1	LUMP	\$10,000.00	\$10,000.00	\$16,000.00	\$16,000.00	\$10,000.00	\$10,000.00
39	624	Mobilization	1	LUMP	\$40,000	\$40,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
40	625	Pull Box (as per plan)	1	EACH	\$500	\$500.00	\$750.00	\$750.00	\$500.00	\$500.00
41	632	Conduit Riser, 1 or 2 Inch Diameter	5	LIN FT	\$10	\$50.00	\$428.00	\$2,140.00	\$400.00	\$2,000.00
42	632	Conduit 1, 1 1/2, 2 Inch	11	LIN FT	\$20	\$220.00	\$11.00	\$121.00	\$14.75	\$162.25
43	632	Detector Loop	1	EACH	\$935	\$935.00	\$1,550.00	\$1,550.00	\$1,100.00	\$1,100.00
44	632	Loop Detector Lead-In Cable	1	LIN FT	\$5	\$5.00	\$2.00	\$2.00	\$2.00	\$2.00
45	632	Lash/Unlash Cable	5	LIN FT	\$3	\$15.00	\$8.00	\$40.00	\$7.00	\$35.00
46	632	Microwave Unit, (as per plan)	1	EACH	\$2,000	\$2,000.00	\$2,300.00	\$2,300.00	\$1,300.00	\$1,300.00
47	653	Topsoil furnished and place (as directed)	2,036	CU YD	\$26	\$52,936.00	\$10.00	\$20,360.00	\$15.00	\$30,540.00
48	659	Seeding and Mulching	18,320	SQ YD	\$0.50	\$9,160.00	\$1.00	\$18,320.00	\$0.75	\$13,740.00
49	805	Curb Box *	20	EACH	\$500	\$10,000.00	\$150.00	\$3,000.00	\$100.00	\$2,000.00
50	807	Valve Boxes Adjusted to Grade	1	EACH	\$600	\$600.00	\$300.00	\$300.00	\$180.00	\$180.00
51	807	Service Boxes Adjusted to Grade *	80	EACH	\$500	\$40,000.00	\$50.00	\$4,000.00	\$80.00	\$6,400.00
52	808	Relocate 6" water line *	4	EACH	\$5,000	\$20,000.00	\$5,000.00	\$20,000.00	\$5,750.00	\$23,000.00
53	808	Relocate 10" water line *	3	EACH	\$6,000	\$18,000.00	\$5,200.00	\$15,600.00	\$7,200.00	\$21,600.00
54	808	Relocate 12" water line *	3	EACH	\$7,000	\$21,000.00	\$5,300.00	\$15,900.00	\$8,500.00	\$25,500.00
55	816	3/4" water service relocated *	60	EACH	\$500	\$30,000.00	\$400.00	\$24,000.00	\$900.00	\$54,000.00
56	901	12" Pipe, with Type I Bedding, Item 912 Backfill	978	LIN FT	\$50	\$48,900.00	\$52.00	\$50,856.00	\$74.00	\$72,372.00
57	901	15" Pipe, with Type I Bedding, Item 912 Backfill	474	LIN FT	\$50	\$23,700.00	\$70.00	\$33,180.00	\$77.00	\$36,498.00
58	901	18" Pipe, with Type I Bedding, Item 912 Backfill	565	LIN FT	\$65	\$36,725.00	\$83.00	\$46,895.00	\$101.00	\$57,065.00
59	901	21" Pipe, with Type I Bedding, Item 912 Backfill	227	LIN FT	\$70	\$15,890.00	\$151.00	\$34,277.00	\$96.00	\$21,792.00
60	901	24" Pipe, with Type I Bedding, Item 912 Backfill	472	LIN FT	\$85	\$40,120.00	\$112.00	\$52,864.00	\$105.00	\$49,560.00
61	901	42" Pipe, with Type I Bedding, Item 912 Backfill	211	LIN FT	\$200	\$42,200.00	\$266.00	\$56,126.00	\$240.00	\$50,640.00
62	902	Increased or Decreased Earth Excavation	20	CU YD	\$10	\$200.00	\$50.00	\$1,000.00	\$35.00	\$700.00
63	906	Stone Foundation	25	CU YD	\$42	\$1,050.00	\$40.00	\$1,000.00	\$36.00	\$900.00
64	1551	Detectable Warning, Type A	6	EACH	\$100	\$600.00	\$425.00	\$2,550.00	\$210.00	\$1,260.00

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742										
ORD#: 1547-2010										
Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Underground		Complete General	
					Price	Amount	Price	Amount	Price	Amount
65	SPEC	12" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	315	LIN FT	\$80	\$25,200.00	\$62.00	\$19,530.00	\$105.00	\$33,075.00
66	SPEC	16" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,781	LIN FT	\$90	\$160,290.00	\$87.00	\$154,947.00	\$95.00	\$169,195.00
67	SPEC	18" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,363	LIN FT	\$100	\$136,300.00	\$98.00	\$133,574.00	\$96.00	\$130,848.00
68	SPEC	24" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	991	LIN FT	\$120	\$118,920.00	\$151.00	\$149,641.00	\$140.00	\$138,740.00
69	SPEC	30" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	1,136	LIN FT	\$150	\$170,400.00	\$191.00	\$216,976.00	\$160.00	\$181,760.00
70	SPEC	36" Concrete Pressure Pipe, With Type 1 Bedding, Item 912 Backfill	694	LIN FT	\$170	\$117,980.00	\$294.00	\$204,036.00	\$235.00	\$163,090.00
71	SPEC	Pipe Filled In Place	87	LIN FT	\$29	\$2,523.00	\$20.00	\$1,740.00	\$17.00	\$1,479.00
72	SPEC	Inlet adjusted to grade *	10	EACH	\$250	\$2,500.00	\$230.00	\$2,300.00	\$500.00	\$5,000.00
73	SPEC	Project identification Signs	2	EACH	\$100	\$200.00	\$200.00	\$400.00	\$950.00	\$1,900.00
74	SPEC	Tree Autumn Blaize Maple	1	EACH	\$1,500	\$1,500.00	\$500.00	\$500.00	\$550.00	\$550.00
75	SS-1	Diversion of Flow in Sewer System	1	LUMP	\$500	\$500.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
SEWER SUB-TOTAL						\$1,884,561.10		\$1,917,882.90		\$1,975,032.35
119	SPEC	FORCE ACCOUNT(.15 x sum of all above Items)		.15 X (base)		\$282,684.17		\$287,682.44		\$296,254.85
120		SEWERS TOTAL PROJECT COSTS				\$2,167,245.27		\$2,205,565.34		\$2,271,287.20
NOTES:										
1. *Denotes contingency items										

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742										
ORD#: 1547-2010										
Ref.	Item				ENGINEER'S ESTIMATE		Underground		Complete General	
No.	No.	Description	Qty.	Unit	Price	Amount	Price	Amount	Price	Amount
TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS										
121	202	CURB AND GUTTER REMOVED	31	LIN FT	\$8.48	\$262.88	\$13.00	\$403.00	\$7.00	\$217.00
122	209	LINEAR GRADING (RESHAPING BERM)	100	LIN FT	\$7.69	\$769.00	\$4.00	\$400.00	\$5.50	\$550.00
123	251	PARTIAL DEPTH PAVEMENT REPLACEMENT	40	CU YD	\$306.20	\$12,248.00	\$321.00	\$12,840.00	\$218.00	\$8,720.00
124	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIB	26	CU YD	\$300.00	\$7,800.00	\$337.00	\$8,762.00	\$350.00	\$9,100.00
125	252	PERMANENT PAVEMENT REPLACEMENT TYPE I	5	CU YD	\$443.20	\$2,216.00	\$386.00	\$1,930.00	\$320.00	\$1,600.00
126	254	PAVEMENT PLANING (1" TO 3")	32,634	SQ YD	\$1.11	\$36,223.74	\$1.62	\$52,867.08	\$1.25	\$40,792.50
127	254	PLANING (0" TO 1-1/4"), 6' EDGE MILL	7,742	SQ YD	\$1.11	\$8,593.62	\$1.62	\$12,542.04	\$1.44	\$11,148.48
128	404	ASPHALT CONCRETE (0"- 3/4") PRELEVEL	1,831	TON	\$67.35	\$123,317.85	\$63.00	\$115,353.00	\$63.00	\$115,353.00
129	404	ASPHALT CONCRETE 1-1/2"	3,541	TON	\$71.38	\$252,756.58	\$63.00	\$223,083.00	\$66.40	\$235,122.40
130	407	COVER AGGREGATE	120	TON	\$35.60	\$4,272.00	\$36.00	\$4,320.00	\$29.00	\$3,480.00
131	407	TACK COAT, RUBBER	4,391	GAL	\$2.18	\$9,572.38	\$2.50	\$10,977.50	\$2.40	\$10,538.40
132	408	BITUMINOUS PRIME COAT	123	SQ YD	\$4.66	\$573.18	\$2.40	\$295.20	\$2.55	\$313.65
133	409	SEAL COAT BITUMINOUS MATERIAL	37	GAL	\$16.40	\$606.80	\$10.00	\$370.00	\$2.80	\$103.60
134	409	SEAL COAT COVER AGGREGATE	2	TON	\$538.00	\$1,076.00	\$176.00	\$352.00	\$590.00	\$1,180.00
135	411	STABILIZED CRUSHED AGGREGATE	7	CU YD	\$305.00	\$2,135.00	\$90.00	\$630.00	\$235.00	\$1,645.00
136	416	ASPHALT CONCRETE, CONTRACTOR MIX DESIGN, SURFACE, TYPE II, AS PER PLAN 1.5"	119	TON	\$77.78	\$9,255.82	\$109.00	\$12,971.00	\$78.00	\$9,282.00
137	604	MANHOLE ADJUSTED TO GRADE (W/O ADJUSTMENT RING)	1	EACH	\$888.00	\$888.00	\$600.00	\$600.00	\$450.00	\$450.00
138	605	4" PIPE UNDERDRAIN	81	LIN FT	\$3.94	\$319.14	\$12.00	\$972.00	\$16.00	\$1,296.00
139	609	COMBINATION CURB AND GUTTER, STANDARD	31	LIN FT	\$13.50	\$418.50	\$18.00	\$558.00	\$35.00	\$1,085.00
140	618	PIPE ROOF DRAINS	50	LIN FT	\$15.88	\$794.00	\$12.00	\$600.00	\$18.00	\$900.00
141	625	CONDUIT, 1", 713.04	25	LIN FT	\$8.30	\$207.50	\$8.00	\$200.00	\$7.25	\$181.25
142	625	CONDUIT, 2", 713.04	25	LIN FT	\$11.33	\$283.25	\$12.00	\$300.00	\$14.75	\$368.75
143	625	GROUND ROD	1	EACH	\$162.23	\$162.23	\$172.00	\$172.00	\$140.00	\$140.00
144	625	PULLBOX, 11" X 18" X 18" D	1	EACH	\$540.49	\$540.49	\$750.00	\$750.00	\$500.00	\$500.00
145	625	TRENCH	25	LIN FT	\$18.90	\$472.50	\$15.00	\$375.00	\$5.25	\$131.25
146	632	DETECTOR LOOP, AS PER PLAN	2	EACH	\$933.60	\$1,867.20	\$1,550.00	\$3,100.00	\$1,100.00	\$2,200.00
147	632	LOOP DETECTOR LEAD-IN CABLE	25	LIN FT	\$2.02	\$50.50	\$2.00	\$50.00	\$2.00	\$50.00
148	653	TOPSOIL FURNISHED AND PLACED	1	CU YD	\$43.00	\$43.00	\$25.00	\$25.00	\$28.00	\$28.00
149	659	SEEDING AND MULCHING	6	SQ YD	\$2.17	\$13.02	\$3.00	\$18.00	\$0.65	\$3.90
150	807	HEAVY DUTY VALVE BOX	1	EACH	\$254.00	\$254.00	\$400.00	\$400.00	\$200.00	\$200.00
151	807	WATER VALVE ADJUSTED TO GRADE, BURIED	1	EACH	\$888.00	\$888.00	\$200.00	\$200.00	\$320.00	\$320.00
152	807	WATER VALVE BOXES ADJUSTED TO GRADE (W/O ADJUSTMENT RING)	9	EACH	\$888.00	\$7,992.00	\$200.00	\$1,800.00	\$160.00	\$1,440.00
153	SPEC	ASPHALT CONCRETE PATCHING	25	TON	\$145.00	\$3,625.00	\$240.00	\$6,000.00	\$90.00	\$2,250.00
154	SPEC	ASPHALT REJUVENATING AGENT	29,629	SQ YD	\$0.74	\$21,925.46	\$0.78	\$23,110.62	\$0.74	\$21,925.46
155	SPEC	BITUMINOUS ASPHALT HEATWELD REPAIR, PUDDLE PATCH	100	SQ FT	\$4.30	\$430.00	\$4.35	\$435.00	\$4.60	\$460.00
156	SPEC	FLAGGER	80	hour	\$47.20	\$3,776.00	\$50.00	\$4,000.00	\$50.00	\$4,000.00
157	SPECIAL	LASH, UNLASH OF LEAD IN CABLE	50.00	LIN FT		\$171.50	\$8.00	\$400.00	\$7.00	\$350.00
158	SPEC	LAW ENFORCEMENT OFFICER	16.00	hour	\$45.80	\$732.80	\$50.00	\$800.00	\$45.00	\$720.00
159	SPEC	MINIMUM HEATWELD CHARGE, PUDDLE PATCH	10	EACH	\$240.00	\$2,400.00	\$345.00	\$3,450.00	\$350.00	\$3,500.00
160	SPEC	PRELEVELING	43,882	SQ YD	\$0.14	\$6,143.48	\$0.05	\$2,194.10	\$0.10	\$4,388.20
161	SPEC	PUDDLE PATCH	20	TON	\$197.00	\$3,940.00	\$235.00	\$4,700.00	\$235.00	\$4,700.00
162	SPEC	SAWCUTTING (1-1/2" DEPTH), AS PER PLAN	20	LIN FT	\$2.00	\$40.00	\$1.00	\$20.00	\$4.00	\$80.00
163	SPEC	SPOT PLANING, 2 INCHES OR LESS	50	SQ YD	\$8.90	\$445.00	\$3.50	\$175.00	\$3.50	\$175.00
164	SPEC	TOWING PARKED CARS	10	EACH	\$52.00	\$520.00	\$100.00	\$1,000.00	\$1,500.00	\$1,500.00
165	SPEC	CONTINGENCY (ASPHALT BINDER ADJUSTMENT)	1	LUMP	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
ROADWAY SUB-TOTAL						\$556,021.42		\$539,500.54		\$527,488.84
170	SPEC	FORCE ACCOUNT(.10 x sum of all above Items)	.10 X	(base)		\$55,602.14		\$53,950.05		\$52,748.88
171		ROADWAY TOTAL PROJECT COSTS				\$611,623.56		\$593,450.59		\$580,237.72

Project Name/CIP#: Charleston Ave. Drainage Improvements CIP 610742										
ORD#: 1547-2010										
Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Underground		Complete General	
					Price	Amount	Price	Amount	Price	Amount
TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS										
121	202	WALK REMOVED AND DISPOSED OF, AS PER PLAN	350	SQ YD	\$20.00	\$7,000.00	\$15.00	\$5,250.00	\$16.00	\$5,600.00
122	202	CURB & GUTTER REMOVED AND DISPOSED OF, AS PER PLAN	661	LIN FT	\$10.00	\$6,610.00	\$8.00	\$5,288.00	\$7.00	\$4,627.00
123	203	EXCAVATION INCLUDING EMBANKMENT, AS PER PLAN	73	CU YD	\$35.00	\$2,555.00	\$35.00	\$2,555.00	\$30.00	\$2,190.00
124	604	INLETS & CATCH BASINS, ADJUSTED TO GRADE	15	EACH	\$250.00	\$3,750.00	\$200.00	\$3,000.00	\$500.00	\$7,500.00
125	608	4-INCH CONCRETE WALK, INCLUDES CURB RAMPS	4,349	SQ FT	\$5.75	\$25,006.75	\$4.50	\$19,570.50	\$5.00	\$21,745.00
126	608	8-INCH CONCRETE WALK, INCLUDES CURB RAMPS, AS PER PLAN	128	SQ FT	\$6.40	\$819.20	\$8.00	\$1,024.00	\$6.75	\$864.00
127	608	CURB RAMPS, AS PER PLAN	48	EACH	\$130.00	\$6,240.00	\$425.00	\$20,400.00	\$145.00	\$6,960.00
128	609	COMBINATION CURB AND GUTTER, AS PER PLAN	661	LIN FT	\$21.00	\$13,881.00	\$18.00	\$11,898.00	\$25.00	\$16,525.00
129	609	CONCRETE CURB 12-INCH BEHIND WALK, AS PER PLAN	192	LIN FT	\$16.00	\$3,072.00	\$25.00	\$4,800.00	\$29.00	\$5,568.00
130	614	MAINTAINING TRAFFIC, AS PER PLAN	48	EACH	\$52.00	\$2,496.00	\$5.00	\$240.00	\$400.00	\$19,200.00
131	630	REMOVAL, STORAGE AND RE-ERECTION OF SIGNS AND SUPPORTS	5	EACH	\$100.00	\$500.00	\$50.00	\$250.00	\$60.00	\$300.00
132	653	TOPSOIL, FURNISHED AND PLACED, AS PER PLAN	58	CU YD	\$75.00	\$4,350.00	\$20.00	\$1,160.00	\$28.00	\$1,624.00
133	659	SEEDING AND MULCHING, AS PER PLAN	210	SQ YD	\$3.20	\$672.00	\$3.00	\$630.00	\$0.85	\$178.50
134	807	ADJUST VALVE AND SERVICE BOXES TO GRADE, AS PER PLAN	5	EACH	\$175.00	\$875.00	\$100.00	\$500.00	\$160.00	\$800.00
135	SPEC	BITUMINOUS PAVEMENT PATCH OF CURB RAMPS, UN-RESURFACED STREETS	10	TON	\$250.00	\$2,500.00	\$250.00	\$2,500.00	\$200.00	\$2,000.00
136	SPEC	DETECTABLE WARNINGS – NEW CONSTRUCTION, TYPE “E”	48	EACH	\$225.00	\$10,800.00	\$425.00	\$20,400.00	\$210.00	\$10,080.00
137	SPEC	DETECTABLE WARNINGS – RETROFIT, TYPE “D”	9	EACH	\$250.00	\$2,250.00	\$350.00	\$3,150.00	\$270.00	\$2,430.00
CURB RAMP SUB-TOTAL						\$93,376.95		\$102,615.50		\$108,191.50
170	SPEC	FORCE ACCOUNT(.10 x sum of all above Items)	.10 X (base)			\$9,337.70		\$10,261.55		\$10,819.15
171		CURB RAMP TOTAL PROJECT COSTS				\$102,714.65		\$112,877.05		\$119,010.65
172		DIVISION OF SEWERAGE & DRAINAGE CC-14534 SEWER PLANS			SEWER TOTAL	\$2,167,245.27		\$2,205,565.34		\$2,271,287.20
173		TRANSPORTATION 1666 A ROADWAY RESURFACING PLANS			ROADWAY TOTAL	\$611,623.56		\$593,450.59		\$580,237.72
		ADA CURB RAMPS (1666 A)			CURB RAMP TOTAL	\$102,714.65		\$112,877.05		\$119,010.65
174		TOTAL PROJECT COSTS				\$2,881,583.47		\$2,911,892.98		\$2,970,535.58
		% DIFFERENCE FROM ENGINEER'S ESTIMATE						1.05%		3.09%
		Bond Amount (Page P-30)						\$291,189.30		\$450,000.00
		Bonding Company (Page P-30)						Ohio Farmers Insurance		Liberty Mutual
		Proposal Bond Amount Required						\$291,189.30		\$297,053.56
		Contract Compliance No. (Page P-2a)						34-1248942		31-4366382
		Non-Collusion Affidavit Completed? (Page P-29)						Yes		Yes
		Local Vendor? (Page P-3)						No		Yes
		Addendum Acknowledgement Completed? (Page P-3)						Yes		Yes
		Proposal Affidavit Completed? (Page P-34)						Yes		Yes

BID TABULATION
CIP 610714 - MOCK ROAD STORMWATER SYSTEM IMPROVEMENTS
BID OPENING DATE: FEBRUARY 22, 2006

Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Tata Excavating		Darby Creek Excavating		Savko & Sons		George J. Igel & Co.	
					Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount
1	201	CLEARING AND GRUBBING	1	Lump	3,500.00	3,500.00	6,500.00	6,500.00	22,000.00	22,000.00	5,000.00	5,000.00	5,130.00	5,130.00
2	202	PIPE REMOVED, 24" OR LESS	120	L.F.	15.00	1,800.00	10.50	1,260.00	15.00	1,800.00	8.90	1,068.00	11.00	1,320.00
3	202	PIPE REMOVED, 24" OR GREATER	50	L.F.	40.00	2,000.00	12.50	625.00	20.00	1,000.00	12.60	630.00	17.00	850.00
4	209	PIPE FILLED IN PLACE	100	L.F.	18.00	1,800.00	15.50	1,550.00	23.00	2,300.00	11.00	1,100.00	10.00	1,000.00
5	202	CATCH BASIN OR INLET REMOVAL	3	EA	300.00	900.00	375.00	1,125.00	250.00	750.00	200.00	600.00	360.00	1,080.00
6	202	HEADWALL REMOVED	2	E\	500.00	1,000.00	475.00	950.00	250.00	500.00	300.00	600.00	700.00	1,400.00
7	202	GUARDRAIL REMOVED AND REINSTALLED	425	L.F.	25.00	10,625.00	25.00	10,625.00	15.46	6,570.50	14.00	5,950.00	15.50	6,587.50
8	203	EXCAVATION (PEDESTRIAN WALKWAY)	160	C.Y.	15.00	2,400.00	15.50	2,480.00	15.00	2,400.00	32.00	5,120.00	22.50	3,600.00
9	204	COMPACTED SUBGRADE (PEDESTRIAN WALKWAY)	660	S.Y.	3.00	1,980.00	6.50	4,290.00	1.00	660.00	1.00	660.00	1.75	1,155.00
10	207	STORM SEWER INLET PROTECTION	11	EA	50.00	550.00	275.00	3,025.00	100.00	1,100.00	100.00	1,100.00	180.00	1,980.00
11	207	FILTER FABRIC FENCE	400	L.F.	3.00	1,200.00	5.75	2,300.00	3.00	1,200.00	2.00	800.00	2.75	1,100.00
12	207	FILTER FABRIC FENCE (PEDESTRIAN WALKWAY)	130	L.F.	3.00	390.00	5.75	747.50	3.00	390.00	2.00	260.00	2.75	357.50
13	209	REGRADE EXISTING ROADSIDE CHANNEL	300	L.F.	15.00	4,500.00	9.75	2,925.00	6.50	1,950.00	10.00	3,000.00	19.00	5,700.00
14	209	REGRADE/RESHAPE EXISTING ROADSIDE DITCH AND BERM	315	L.F.	40.00	12,600.00	9.75	3,071.25	6.50	2,047.50	10.00	3,150.00	10.00	3,150.00
15	252	DRIVEWAY REPLACEMENT PER 2160, TYPE III A	50	C.Y.	250.00	12,500.00	298.00	14,900.00	200.00	10,000.00	100.00	5,000.00	120.00	6,000.00
16	252	DRIVEWAY REPLACEMENT PER 2160, TYPE III B	20	C.Y.	300.00	6,000.00	215.00	4,300.00	250.00	5,000.00	350.00	7,000.00	220.00	4,400.00
17	252	DRIVEWAY REPLACEMENT PER 2160, TYPE III C	25	C.Y.	80.00	2,000.00	28.50	712.50	50.00	1,250.00	25.00	625.00	23.00	575.00
18	252	PERMANENT PAVEMENT REPLACEMENT, TYPE 1	10	C.Y.	350.00	3,500.00	445.00	4,450.00	250.00	2,500.00	600.00	6,000.00	490.00	4,900.00
19	253	TEMPORARY PAVEMENT REPLACEMENT	360	S.Y.	40.00	14,400.00	18.50	6,660.00	15.00	5,400.00	10.00	3,600.00	17.00	6,120.00
20	304	AGGREGATE BASE (PEDESTRIAN WALKWAY)	110	C.Y.	50.00	5,500.00	35.50	3,905.00	50.00	5,500.00	27.00	2,970.00	64.00	7,040.00
21	404	ASPHALT CONCRETE-COMPACTED (PEDESTRIAN WALKWAY)	76	TON	90.00	6,840.00	138.00	10,488.00	150.00	11,400.00	110.00	8,360.00	130.00	9,880.00
22	408	BITUMINOUS PRIME COAT (PEDESTRIAN WALKWAY)	550	S.Y.	4.00	2,200.00	1.65	907.50	2.50	1,375.00	1.00	550.00	1.25	687.50
23	60	ROCK CHANNEL PROTECTION, TYPE A W/FILTER	30	C.Y.	80.00	2,400.00	95.00	2,850.00	60.00	1,800.00	80.00	2,400.00	93.00	2,790.00
24	601	ROCK CHANNEL PROTECTION, TYPE C W/FILTER	5	C.Y.	70.00	350.00	90.00	450.00	60.00	300.00	85.00	425.00	200.00	1,000.00
25	601	6-INCH R/C RIPRAP W/CUTOFF WALL	15	S.Y.	50.00	750.00	25.50	382.50	250.00	3,750.00	130.00	1,950.00	120.00	1,800.00
26	602	CONCRETE MASONRY (HEADWALLS)	15	C.Y.	600.00	9,000.00	675.00	10,125.00	440.00	6,600.00	650.00	9,750.00	660.00	9,900.00
27	604	CATCH BASIN, STANDARD, PER AA-S133	3	EA	2,000.00	6,000.00	1,002.00	3,006.00	693.00	2,079.00	1,400.00	4,200.00	2,350.00	7,050.00
28	603	CATCH BASIN, STANDARD, PER AA-S134	7	EA	2,000.00	14,000.00	1,002.00	7,014.00	750.00	5,250.00	1,450.00	10,150.00	1,360.00	9,520.00
29	604	CATCH BASIN, STANDARD, PER AA-S136	1	EA	2,500.00	2,500.00	2,148.00	2,148.00	1,565.00	1,565.00	1,500.00	1,500.00	4,110.00	4,110.00
30	604	MANHOLE, TYPE A PER AA S100 (STORM SEWERS)	6	EA	2,500.00	15,000.00	1,860.00	11,160.00	1,170.00	7,020.00	2,000.00	12,000.00	1,740.00	10,440.00
31	604	MANHOLE, TYPE B PER AA-S101 (STORM SEWERS)	1	EA	3,500.00	3,500.00	3,554.00	3,554.00	2,150.00	2,150.00	3,800.00	3,800.00	3,390.00	3,390.00
32	614	MAINTAINING TRAFFIC	1	Lump	10,000.00	10,000.00	4,500.00	4,500.00	25,000.00	25,000.00	7,500.00	7,500.00	5,300.00	5,300.00
33	616	WATER (DUST CONTROL)	2	M.Gal.	50.00	100.00	165.00	330.00	100.00	200.00	10.00	20.00	150.00	300.00
34	616	CALCIUM CHLORIDE (DUST CONTROL)	2	TON	200.00	400.00	375.00	750.00	100.00	200.00	100.00	200.00	200.00	400.00
35	623	CONSTRUCTION LAYOUT STAKES	1	Lump	4,000.00	4,000.00	6,500.00	6,500.00	9,000.00	9,000.00	4,000.00	4,000.00	4,930.00	4,930.00
36	624	MOBILIZATION	1	Lump	8,000.00	8,000.00	3,500.00	3,500.00	20,000.00	20,000.00	10,000.00	10,000.00	13,000.00	13,000.00
37	653	TOPSOIL FURNISHED AS DIRECTED	265	C.Y.	50.00	13,250.00	18.50	4,902.50	15.00	3,975.00	25.00	6,625.00	12.00	3,180.00
38	659	SEED AND MULCHING	4,000	S.Y.	3.50	14,000.00	1.95	7,800.00	1.50	6,000.00	0.75	3,000.00	1.00	4,000.00
39	659	SEED AND MULCHING (PEDESTRIAN WALKWAY)	2,200	S.Y.	3.50	7,700.00	2.15	4,730.00	2.00	4,400.00	0.75	1,650.00	1.00	2,200.00
40	659	REPAIR SEEDING AND MULCHING	400	S.Y.	4.50	1,800.00	1.45	580.00	2.00	800.00	0.75	300.00	1.75	700.00
41	659	REPAIR SEEDING AND MULCHING (PEDESTRIAN WALKWAY)	200	S.Y.	4.50	900.00	1.85	370.00	2.00	400.00	1.00	200.00	1.75	350.00
42	659	WATER (SEEDING)	2	M.Gal.	50.00	100.00	125.00	250.00	100.00	200.00	25.00	50.00	97.00	194.00
43	659	WATER (SEEDING) (PEDESTRIAN WALKWAY)	1	M.Gal.	50.00	50.00	145.00	145.00	100.00	100.00	25.00	25.00	97.00	97.00

BID TABULATION
CIP 610714 - MOCK ROAD STORMWATER SYSTEM IMPROVEMENTS
BID OPENING DATE: FEBRUARY 22, 2006

Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Tata Excavating		Darby Creek Excavating		Savko & Sons		George J. Igel & Co.	
					Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount
44	901	12-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 911 COMPACTED BACKFILL	440	L.F.	55.00	24,200.00	38.17	16,794.80	32.93	14,489.20	68.00	29,920.00	53.00	23,320.00
45	901	12-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 912 COMPACTED GRANULAR BACKFILL	145	L.F.	65.00	9,425.00	44.17	6,404.65	40.56	5,881.20	105.00	15,225.00	91.00	13,195.00
46	901	15-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 911 COMPACTED BACKFILL	510	L.F.	60.00	30,600.00	45.51	23,210.10	35.86	18,288.60	70.00	35,700.00	64.00	32,640.00
47	901	15-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 912 COMPACTED GRANULAR BACKFILL	40	L.F.	72.00	2,880.00	53.51	2,140.40	43.49	1,739.60	180.00	7,200.00	180.00	7,200.00
48	901	21-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 911 COMPACTED BACKFILL	255	L.F.	75.00	19,125.00	57.61	14,690.55	40.46	10,317.30	80.00	20,400.00	120.00	30,600.00
49	901	21-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 912 COMPACTED GRANULAR BACKFILL	50	L.F.	90.00	4,500.00	67.61	3,380.50	48.09	2,404.50	200.00	10,000.00	180.00	9,000.00
50	901	48-INCH RCP STORM SEWER W/TYPE 1 BEDDING WITH ITEM 912 COMPACTED GRANULAR BACKFILL	60	L.F.	180.00	10,800.00	197.21	11,832.60	165.26	9,915.60	450.00	27,000.00	310.00	18,600.00
51	902	INCREASED OR DECREASED EARTH EXCAVATION	120	C.Y.	20.00	2,400.00	4.00	480.00	15.00	1,800.00	10.00	1,200.00	12.00	1,440.00
52	906	STONE FOUNDATION	120	C.Y.	50.00	6,000.00	32.50	3,900.00	40.00	4,800.00	15.00	1,800.00	27.00	3,240.00
53	SPEC	FORCE ACCOUNT (.20 x sum of all above Items)	.20 X (base)	Lump		\$64,383.00		\$49,135.47		\$51,503.60		\$58,266.60		\$59,579.70
		TOTAL PROJECT COSTS				\$386,298.00		\$294,812.82		\$309,021.60		\$349,599.60		\$357,478.20
		% DIFFERENCE FROM ENGINEER'S ESTIMATE						-23.68%		-20.00%		-9.50%		-7.46%
		Bond Amount (Page P-11)						\$30,000.00		\$30,902.16		\$40,000.00		\$36,000.00
		Bonding Company (Page P-11)						Ohio Farmers Insurance		Great American Insurance		Ohio Farmers Insurance		Ohio Farmers Insurance
		Proposal Bond Amount Required						\$29,481.28		\$30,902.16		\$34,959.96		\$35,747.82
		Contract Compliance No. (Page P-2a)						31-0717926		31-1345111		31-0907362		31-4214570
		Non-Collusion Affidavit Completed? (Page P-10)						Yes		Yes		Yes		Yes
		Local Vendor? (Page P-3)						Yes		No		Yes		Yes
		Addendum Acknowledgement Completed? (Page P-3)												
		Proposal Affidavit Completed? (Page P-15)						Yes		Yes		Yes		Yes

BID TABULATION
CIP 610714 - MOCK ROAD STORMWATER SYSTEM IMPROVEMENTS
BID OPENING DATE: FEBRUARY 22, 2006

Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Complete General		Storts Excavation		McDaniel's Construction	
					Price	Amount	Price	Amount	Price	Amount	Price	Amount
1	201	CLEARING AND GRUBBING	1	Lump	3,500.00	3,500.00	12,000.00	12,000.00	7,000.00	7,000.00	\$21,855.00	\$21,855.00
2	202	PIPE REMOVED, 24" OR LESS	120	L.F.	15.00	1,800.00	7.00	840.00	10.00	1,200.00	\$9.29	\$1,114.80
3	202	PIPE REMOVED, 24" OR GREATER	50	L.F.	40.00	2,000.00	20.00	1,000.00	20.00	1,000.00	\$15.30	\$765.00
4	209	PIPE FILLED IN PLACE	100	L.F.	18.00	1,800.00	15.00	1,500.00	10.00	1,000.00	\$16.65	\$1,665.00
5	202	CATCH BASIN OR INLET REMOVAL	3	EA	300.00	900.00	500.00	1,500.00	100.00	300.00	\$1,232.00	\$3,696.00
6	202	HEADWALL REMOVED	2	E\	500.00	1,000.00	500.00	1,000.00	100.00	200.00	\$804.00	\$1,608.00
7	202	GUARDRAIL REMOVED AND REINSTALLED	425	L.F.	25.00	10,625.00	13.45	5,716.25	10.00	4,250.00	\$13.45	\$5,716.25
8	203	EXCAVATION (PEDESTRIAN WALKWAY)	160	C.Y.	15.00	2,400.00	18.00	2,880.00	20.00	3,200.00	\$34.95	\$5,592.00
9	204	COMPACTED SUBGRADE (PEDESTRIAN WALKWAY)	660	S.Y.	3.00	1,980.00	3.50	2,310.00	2.00	1,320.00	\$3.62	\$2,389.20
10	207	STORM SEWER INLET PROTECTION	11	EA	50.00	550.00	100.00	1,100.00	120.00	1,320.00	\$186.00	\$2,046.00
11	207	FILTER FABRIC FENCE	400	L.F.	3.00	1,200.00	2.00	800.00	2.00	800.00	\$2.96	\$1,184.00
12	207	FILTER FABRIC FENCE (PEDESTRIAN WALKWAY)	130	L.F.	3.00	390.00	2.00	260.00	2.00	260.00	\$3.48	\$452.40
13	209	REGRADE EXISTING ROADSIDE CHANNEL	300	L.F.	15.00	4,500.00	15.00	4,500.00	5.00	1,500.00	\$16.31	\$4,893.00
14	209	REGRADE/RESHAPE EXISTING ROADSIDE DITCH AND BERM	315	L.F.	40.00	12,600.00	15.00	4,725.00	5.00	1,575.00	\$15.53	\$4,891.95
15	252	DRIVEWAY REPLACEMENT PER 2160, TYPE III A	50	C.Y.	250.00	12,500.00	150.00	7,500.00	75.00	3,750.00	\$151.60	\$7,580.00
16	252	DRIVEWAY REPLACEMENT PER 2160, TYPE III B	20	C.Y.	300.00	6,000.00	300.00	6,000.00	400.00	8,000.00	\$224.00	\$4,480.00
17	252	DRIVEWAY REPLACEMENT PER 2160, TYPE III C	25	C.Y.	80.00	2,000.00	80.00	2,000.00	60.00	1,500.00	\$52.00	\$1,300.00
18	252	PERMANENT PAVEMENT REPLACEMENT, TYPE 1	10	C.Y.	350.00	3,500.00	500.00	5,000.00	500.00	5,000.00	\$708.20	\$7,082.00
19	253	TEMPORARY PAVEMENT REPLACEMENT	360	S.Y.	40.00	14,400.00	7.00	2,520.00	10.00	3,600.00	\$12.08	\$4,348.80
20	304	AGGREGATE BASE (PEDESTRIAN WALKWAY)	110	C.Y.	50.00	5,500.00	53.00	5,830.00	60.00	6,600.00	\$55.75	\$6,132.50
21	404	ASPHALT CONCRETE-COMPACTED (PEDESTRIAN WALKWAY)	76	TON	90.00	6,840.00	110.00	8,360.00	120.00	9,120.00	\$120.37	\$9,148.12
22	408	BITUMINOUS PRIME COAT (PEDESTRIAN WALKWAY)	550	S.Y.	4.00	2,200.00	1.00	550.00	2.00	1,100.00	\$3.00	\$1,650.00
23	60	ROCK CHANNEL PROTECTION, TYPE A W/FILTER	30	C.Y.	80.00	2,400.00	90.00	2,700.00	100.00	3,000.00	\$167.23	\$5,016.90
24	601	ROCK CHANNEL PROTECTION, TYPE C W/FILTER	5	C.Y.	70.00	350.00	90.00	450.00	100.00	500.00	\$169.60	\$848.00
25	601	6-INCH R/C RIPRAP W/CUTOFF WALL	15	S.Y.	50.00	750.00	90.00	1,350.00	75.00	1,125.00	\$378.27	\$5,674.05
26	602	CONCRETE MASONRY (HEADWALLS)	15	C.Y.	600.00	9,000.00	920.00	13,800.00	800.00	12,000.00	\$2,138.80	\$32,082.00
27	604	CATCH BASIN, STANDARD, PER AA-S133	3	EA	2,000.00	6,000.00	1,600.00	4,800.00	1,000.00	3,000.00	\$3,148.00	\$9,444.00
28	603	CATCH BASIN, STANDARD, PER AA-S134	7	EA	2,000.00	14,000.00	1,600.00	11,200.00	1,000.00	7,000.00	\$3,143.00	\$22,001.00
29	604	CATCH BASIN, STANDARD, PER AA-S136	1	EA	2,500.00	2,500.00	4,000.00	4,000.00	3,000.00	3,000.00	\$3,951.00	\$3,951.00
30	604	MANHOLE, TYPE A PER AA S100 (STORM SEWERS)	6	EA	2,500.00	15,000.00	2,750.00	16,500.00	1,700.00	10,200.00	\$2,475.17	\$14,851.02
31	604	MANHOLE, TYPE B PER AA-S101 (STORM SEWERS)	1	EA	3,500.00	3,500.00	4,000.00	4,000.00	4,000.00	4,000.00	\$4,485.00	\$4,485.00
32	614	MAINTAINING TRAFFIC	1	Lump	10,000.00	10,000.00	8,000.00	8,000.00	23,000.00	23,000.00	\$49,700.00	\$49,700.00
33	616	WATER (DUST CONTROL)	2	M.Gal.	50.00	100.00	40.00	80.00	200.00	400.00	\$434.00	\$868.00
34	616	CALCIUM CHLORIDE (DUST CONTROL)	2	TON	200.00	400.00	100.00	200.00	200.00	400.00	\$634.00	\$1,268.00
35	623	CONSTRUCTION LAYOUT STAKES	1	Lump	4,000.00	4,000.00	3,000.00	3,000.00	6,000.00	6,000.00	\$5,000.00	\$5,000.00
36	624	MOBILIZATION	1	Lump	8,000.00	8,000.00	10,000.00	10,000.00	7,000.00	7,000.00	\$10,000.00	\$10,000.00
37	653	TOPSOIL FURNISHED AS DIRECTED	265	C.Y.	50.00	13,250.00	20.00	5,300.00	20.00	5,300.00	\$53.85	\$14,270.25
38	659	SEED AND MULCHING	4,000	S.Y.	3.50	14,000.00	0.65	2,600.00	1.00	4,000.00	\$1.50	\$6,000.00
39	659	SEED AND MULCHING (PEDESTRIAN WALKWAY)	2,200	S.Y.	3.50	7,700.00	0.65	1,430.00	1.00	2,200.00	\$1.50	\$3,300.00
40	659	REPAIR SEEDING AND MULCHING	400	S.Y.	4.50	1,800.00	0.40	160.00	1.00	400.00	\$3.00	\$1,200.00
41	659	REPAIR SEEDING AND MULCHING (PEDESTRIAN WALKWAY)	200	S.Y.	4.50	900.00	0.40	80.00	1.00	200.00	\$3.00	\$600.00
42	659	WATER (SEEDING)	2	M.Gal.	50.00	100.00	40.00	80.00	200.00	400.00	\$250.00	\$500.00
43	659	WATER (SEEDING) (PEDESTRIAN WALKWAY)	1	M.Gal.	50.00	50.00	40.00	40.00	200.00	200.00	\$250.00	\$250.00

BID TABULATION
CIP 610714 - MOCK ROAD STORMWATER SYSTEM IMPROVEMENTS
BID OPENING DATE: FEBRUARY 22, 2006

Ref. No.	Item No.	Description	Qty.	Unit	ENGINEER'S ESTIMATE		Complete General		Storts Excavation		McDaniel's Construction	
					Price	Amount	Price	Amount	Price	Amount	Price	Amount
44	901	12-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 911 COMPACTED BACKFILL	440	L.F.	55.00	24,200.00	55.00	24,200.00	75.00	33,000.00	\$53.43	\$23,509.20
45	901	12-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 912 COMPACTED GRANULAR BACKFILL	145	L.F.	65.00	9,425.00	80.00	11,600.00	110.00	15,950.00	\$71.28	\$10,335.60
46	901	15-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 911 COMPACTED BACKFILL	510	L.F.	60.00	30,600.00	70.00	35,700.00	110.00	56,100.00	\$59.13	\$30,156.30
47	901	15-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 912 COMPACTED GRANULAR BACKFILL	40	L.F.	72.00	2,880.00	90.00	3,600.00	130.00	5,200.00	\$75.18	\$3,007.20
48	901	21-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 911 COMPACTED BACKFILL	255	L.F.	75.00	19,125.00	110.00	28,050.00	130.00	33,150.00	\$72.91	\$18,592.05
49	901	21-INCH STORM SEWER W/TYPE 1 BEDDING WITH ITEM 912 COMPACTED GRANULAR BACKFILL	50	L.F.	90.00	4,500.00	130.00	6,500.00	150.00	7,500.00	\$83.72	\$4,186.00
50	901	48-INCH RCP STORM SEWER W/TYPE 1 BEDDING WITH ITEM 912 COMPACTED GRANULAR BACKFILL	60	L.F.	180.00	10,800.00	350.00	21,000.00	500.00	30,000.00	\$269.17	\$16,150.20
51	902	INCREASED OR DECREASED EARTH EXCAVATION	120	C.Y.	20.00	2,400.00	1.00	120.00	10.00	1,200.00	\$10.00	\$1,200.00
52	906	STONE FOUNDATION	120	C.Y.	50.00	6,000.00	20.00	2,400.00	30.00	3,600.00	\$46.27	\$5,552.40
53	SPEC	FORCE ACCOUNT(.20 x sum of all above Items)	.20 X (base)	Lump		\$64,383.00		\$60,166.25		\$68,524.00		\$80,717.64
		TOTAL PROJECT COSTS				\$386,298.00		\$360,997.50		\$411,144.00		\$484,305.83
		% DIFFERENCE FROM ENGINEER'S ESTIMATE						-6.55%		6.43%		25.37%
		Bond Amount (Page P-11)						\$45,000.00		\$411,144.00		\$50,000.00
		Bonding Company (Page P-11)						Safeco Insurance Company		Ohio Farmers Insurance		Ohio Farmers Insurance Co.
		Proposal Bond Amount Required						\$36,099.75		\$41,114.40		\$48,430.58
		Contract Compliance No. (Page P-2a)						31-4366382		31-1464608		31-1145406
		Non-Collusion Affidavit Completed? (Page P-10)						Yes		Yes		Yes
		Local Vendor? (Page P-3)						Yes		Yes		Yes
		Addendum Acknowledgement Completed? (Page P-3)										
		Proposal Affidavit Completed? (Page P-15)						Yes		Yes		No