

BID OPENING DATE: 3:00 P.M. Tuesday, May 8, 2018

Engineers
Estimate
April, 2017

Florence Cement Co.
Shelby Twp., MI

Dan's Excavating
Shelby Twp., MI

Ajax Paving Industries
Troy, MI

Item No.	Description	Quantity	Unit	Unit Price	Total						
Division 1 Items (Per HRC Cost Estimate)											
1	Mobilization, Max (10%)	1	LS	\$419,000.00	\$419,000.00	\$200,000.00	\$200,000.00	\$412,000.00	\$412,000.00	\$450,000.00	\$450,000.00
2	Tree, Rem, 6 inch to 18 inch	13	Ea	\$500.00	\$6,500.00	\$1,000.00	\$13,000.00	\$750.00	\$9,750.00	\$250.00	\$3,250.00
3	Audio Video Route Survey, Special	1	LS	\$5,000.00	\$5,000.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00
4	Sewer, Rem, Less than 24 inch	112	Ft	\$10.00	\$1,120.00	\$22.00	\$2,464.00	\$7.53	\$843.36	\$15.50	\$1,736.00
5	Curb and Gutter, Rem	1,173	Ft	\$8.00	\$9,384.00	\$10.00	\$11,730.00	\$10.10	\$11,847.30	\$8.25	\$9,677.25
6	Pavt, Rem	58,023	Syd	\$6.50	\$377,149.50	\$4.75	\$275,609.25	\$1.69	\$98,058.87	\$0.47	\$27,270.81
7	Sidewalk, Rem	2,644	Syd	\$6.00	\$15,864.00	\$6.50	\$17,186.00	\$5.31	\$14,039.64	\$5.00	\$13,220.00
8	Exploratory Investigation, Vertical	50	Ft	\$40.00	\$2,000.00	\$85.00	\$4,250.00	\$34.41	\$1,720.50	\$55.00	\$2,750.00
9	Embankment, CIP	5,940	Cyd	\$10.00	\$59,400.00	\$16.00	\$95,040.00	\$4.75	\$28,215.00	\$0.85	\$5,049.00
10	Excavation, Earth	6,209	Cyd	\$12.00	\$74,508.00	\$25.00	\$155,225.00	\$10.66	\$66,187.94	\$1.15	\$7,140.35
11	Machine Grading	91	Sta	\$200.00	\$18,200.00	\$630.00	\$57,330.00	\$2,228.73	\$202,814.43	\$6,350.00	\$577,850.00
12	Subgrade Undercutting, 1 x 3, Special	2,750	Cyd	\$40.00	\$110,000.00	\$40.00	\$110,000.00	\$40.75	\$112,062.50	\$46.50	\$127,875.00
13	Erosion Control, Silt Fence	710	Ft	\$1.50	\$1,065.00	\$2.40	\$1,704.00	\$2.40	\$1,704.00	\$2.50	\$1,775.00
14	Erosion Control, Inlet Protection, Fabric Drop	103	Ea	\$100.00	\$10,300.00	\$81.00	\$8,343.00	\$75.84	\$7,811.52	\$90.00	\$9,270.00
15	Aggregate Base, Special	3,480	Ton	\$25.00	\$87,000.00	\$26.00	\$90,480.00	\$18.09	\$62,953.20	\$26.00	\$90,480.00
16	Aggregate Base, 4 inch, Special	2,116	Syd	\$6.00	\$12,696.00	\$13.00	\$27,508.00	\$5.02	\$10,622.32	\$7.15	\$15,129.40
17	Aggregate Base, 6 inch, Special	6,230	Syd	\$8.50	\$52,955.00	\$10.00	\$62,300.00	\$12.59	\$78,435.70	\$11.75	\$73,202.50
18	Aggregate Base, 8 inch, Special	1,099	Syd	\$10.00	\$10,990.00	\$18.00	\$19,782.00	\$14.08	\$15,473.92	\$12.95	\$14,232.05
19	Maintenance Gravel	150	Ton	\$25.00	\$3,750.00	\$33.50	\$5,025.00	\$12.34	\$1,851.00	\$27.00	\$4,050.00
20	Geogrid, Special	8,200	Syd	\$4.50	\$36,900.00	\$4.00	\$32,800.00	\$3.19	\$26,158.00	\$3.95	\$32,390.00
21	Sewer, CI IV, 12 inch, Tr Det B	79	Ft	\$52.00	\$4,108.00	\$61.00	\$4,819.00	\$61.02	\$4,820.58	\$56.74	\$4,482.46
22	Sewer, CI IV, 18 inch, Tr Det B	30	Ft	\$65.00	\$1,950.00	\$84.00	\$2,520.00	\$69.66	\$2,089.80	\$67.23	\$2,016.90
23	Sewer, CI IV, 24 inch, Tr Det B	16	Ft	\$75.00	\$1,200.00	\$95.00	\$1,520.00	\$94.02	\$1,504.32	\$87.99	\$1,407.84
24	Sewer Tap, 24 inch	2	Ea	\$600.00	\$1,200.00	\$1,500.00	\$3,000.00	\$833.13	\$1,666.26	\$482.39	\$964.78
25	Sewer, Bulkhead, 12 inch	3	Ea	\$350.00	\$1,050.00	\$200.00	\$600.00	\$207.02	\$621.06	\$354.12	\$1,062.36
26	Dr Structure Cover, Adj, Case 1	75	Ea	\$450.00	\$33,750.00	\$500.00	\$37,500.00	\$370.39	\$27,779.25	\$500.00	\$37,500.00
27	Dr Structure Cover, Adj, Case 2	5	Ea	\$400.00	\$2,000.00	\$500.00	\$2,500.00	\$370.40	\$1,852.00	\$475.00	\$2,375.00
28	Dr Structure Cover, Type B	3	Ea	\$500.00	\$1,500.00	\$400.00	\$1,200.00	\$423.19	\$1,269.57	\$420.00	\$1,260.00
29	Dr Structure Cover, Type J	8	Ea	\$525.00	\$4,200.00	\$700.00	\$5,600.00	\$730.59	\$5,844.72	\$885.00	\$7,080.00
30	Dr Structure, 24 inch dia	1	Ea	\$1,700.00	\$1,700.00	\$1,000.00	\$1,000.00	\$958.75	\$958.75	\$1,175.00	\$1,175.00
31	Dr Structure, 48 inch dia	2	Ea	\$2,200.00	\$4,400.00	\$2,000.00	\$4,000.00	\$1,532.83	\$3,065.66	\$2,000.00	\$4,000.00
32	Dr Structure, 60 inch dia	2	Ea	\$2,600.00	\$5,200.00	\$3,000.00	\$6,000.00	\$2,966.02	\$5,932.04	\$2,800.00	\$5,600.00
33	Dr Structure, Adj, Add Depth	144	Ft	\$250.00	\$36,000.00	\$300.00	\$43,200.00	\$49.74	\$7,162.56	\$150.00	\$21,600.00
34	Dr Structure, Tap, 12 inch	2	Ea	\$400.00	\$800.00	\$300.00	\$600.00	\$675.42	\$1,350.84	\$420.00	\$840.00
35	DPW Structure Cover, Adj, Case 1, Special	1	Ea	\$500.00	\$500.00	\$700.00	\$700.00	\$482.02	\$482.02	\$865.00	\$865.00
36	Util Structure Cover, Adj, Case 1, Special	1	Ea	\$500.00	\$500.00	\$700.00	\$700.00	\$482.02	\$482.02	\$900.00	\$900.00
37	Hydrodynamic Separator Structure, 11 cfs, Special	1	Ea	\$65,000.00	\$65,000.00	\$30,000.00	\$30,000.00	\$33,934.20	\$33,934.20	\$42,500.00	\$42,500.00
38	Outlet Control Structure	1	Ea	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$8,306.85	\$8,306.85	\$7,800.00	\$7,800.00
39	Underdrain, Subgrade, Open-Graded, 6 inch, Special	18,725	Ft	\$15.00	\$280,875.00	\$11.00	\$205,975.00	\$10.50	\$196,612.50	\$11.85	\$221,891.25
40	HMA Surface, Rem	529	Syd	\$5.00	\$2,645.00	\$7.00	\$3,703.00	\$9.82	\$5,194.78	\$20.00	\$10,580.00
41	HMA, Temp Pavt (LVSP)	800	Ton	\$70.00	\$56,000.00	\$105.00	\$84,000.00	\$29.26	\$23,408.00	\$103.00	\$82,400.00
42	Joint, Contraction, Cp	26,955	Ft	\$4.00	\$107,820.00	\$10.55	\$284,375.25	\$8.79	\$236,934.45	\$12.75	\$343,676.25
43	Joint, Expansion, E2	840	Ft	\$20.00	\$16,800.00	\$19.00	\$15,960.00	\$15.50	\$13,020.00	\$18.50	\$15,540.00
44	Conc Pavt, Misc, Nonreinf, 6 inch, Special	273	Syd	\$40.00	\$10,920.00	\$42.00	\$11,466.00	\$39.70	\$10,838.10	\$42.00	\$11,466.00
45	Conc Pavt with Integral Curb, Nonreinf, 8 inch, Special	990	Syd	\$40.00	\$39,600.00	\$48.00	\$47,520.00	\$44.19	\$43,748.10	\$47.50	\$47,025.00
46	Conc Pavt with Integral Curb, Nonreinf, 9 inch, Special	39,465	Syd	\$43.00	\$1,696,995.00	\$40.55	\$1,600,305.75	\$39.70	\$1,566,760.50	\$32.90	\$1,298,398.50
47	Pavt Repr, Nonreinf Conc, 10 inch, Special	1,525	Syd	\$55.00	\$83,875.00	\$43.25	\$65,956.25	\$52.93	\$80,718.25	\$61.50	\$93,787.50
48	Pavt, Repr, Rem, Special	1,525	Syd	\$21.00	\$32,025.00	\$34.00	\$51,850.00	\$14.12	\$21,533.00	\$15.00	\$22,875.00
49	Joint, Contraction, Crg	300	Ft	\$20.00	\$6,000.00	\$13.35	\$4,005.00	\$8.00	\$2,400.00	\$17.00	\$5,100.00
50	Joint, Expansion, Erg	2,200	Ft	\$20.00	\$44,000.00	\$14.25	\$31,350.00	\$9.50	\$20,900.00	\$14.00	\$30,800.00
51	Lane Tie, Epoxy Anchored	236	Ea	\$10.00	\$2,360.00	\$8.00	\$1,888.00	\$6.00	\$1,416.00	\$5.00	\$1,180.00
52	Resealing Trans Joints with Hot-Poured Rubber	6,860	Ft	\$1.50	\$10,290.00	\$1.50	\$10,290.00	\$0.84	\$5,762.40	\$1.50	\$10,290.00
53	Resealing Longit Joints with Hot-Poured Rubber	7,350	Ft	\$1.50	\$11,025.00	\$1.45	\$10,657.50	\$0.84	\$6,174.00	\$1.50	\$11,025.00
54	Curb and Gutter, Conc, Det B1	1,000	Ft	\$21.00	\$21,000.00	\$23.50	\$23,500.00	\$23.50	\$23,500.00	\$23.50	\$23,500.00
55	Driveway Opening, Conc, Det M	404	Ft	\$16.00	\$6,464.00	\$25.56	\$10,326.24	\$25.50	\$10,302.00	\$25.50	\$10,302.00

56	Detectable Warning Surface	264	Ft	\$35.00	\$9,240.00	\$35.00	\$9,240.00	\$35.00	\$9,240.00	\$35.00	\$9,240.00
57	Sidewalk Ramp, Conc, 6 inch, Special	3,457	Sft	\$6.00	\$20,742.00	\$5.00	\$17,285.00	\$5.00	\$17,285.00	\$5.00	\$17,285.00
58	Sidewalk, Conc, 4 inch, Special	9,756	Sft	\$4.00	\$39,024.00	\$3.50	\$34,146.00	\$3.50	\$34,146.00	\$3.50	\$34,146.00
59	Fdn, Wood Support, Rem	13	Ea	\$90.00	\$1,170.00	\$100.00	\$1,300.00	\$50.00	\$650.00	\$110.00	\$1,430.00
60	Post, Steel, 3 lb	2,995	Ft	\$6.00	\$17,970.00	\$6.75	\$20,216.25	\$6.75	\$20,216.25	\$6.75	\$20,216.25
61	Post, Wood, 4 inch by 6 inch	420	Ft	\$17.00	\$7,140.00	\$18.00	\$7,560.00	\$18.00	\$7,560.00	\$18.00	\$7,560.00
62	Post, Wood, 6 inch by 8 inch	176	Ft	\$20.00	\$3,520.00	\$20.25	\$3,564.00	\$20.25	\$3,564.00	\$20.25	\$3,564.00
63	Sign, Type II, Erect, Salv	7	Ea	\$40.00	\$280.00	\$55.00	\$385.00	\$55.00	\$385.00	\$55.00	\$385.00
64	Sign, Type II, Rem	21	Ea	\$5.00	\$105.00	\$10.00	\$210.00	\$10.00	\$210.00	\$10.00	\$210.00
65	Sign, Type IIA	234	Sft	\$16.00	\$3,744.00	\$14.85	\$3,474.90	\$14.85	\$3,474.90	\$14.85	\$3,474.90
66	Sign, Type III, Erect, Salv	79	Ea	\$40.00	\$3,160.00	\$45.00	\$3,555.00	\$45.00	\$3,555.00	\$45.00	\$3,555.00
67	Sign, Type III, Rem	159	Ea	\$6.00	\$954.00	\$5.00	\$795.00	\$5.00	\$795.00	\$5.00	\$795.00
68	Sign, Type IIIA	381	Sft	\$25.00	\$9,525.00	\$14.80	\$5,638.80	\$14.80	\$5,638.80	\$14.80	\$5,638.80
69	Sign, Type IIIB	286	Sft	\$15.00	\$4,290.00	\$15.10	\$4,318.60	\$15.10	\$4,318.60	\$15.10	\$4,318.60
70	Sign, Type VB	96	Sft	\$16.00	\$1,536.00	\$17.00	\$1,632.00	\$17.00	\$1,632.00	\$17.00	\$1,632.00
71	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	1,072	Ft	\$2.00	\$2,144.00	\$2.95	\$3,162.40	\$2.95	\$3,162.40	\$2.95	\$3,162.40
72	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	20	Ea	\$100.00	\$2,000.00	\$165.00	\$3,300.00	\$165.00	\$3,300.00	\$165.00	\$3,300.00
73	Pavt Mrkg, Ovly Cold Plastic, Only	2	Ea	\$105.00	\$210.00	\$165.00	\$330.00	\$165.00	\$330.00	\$165.00	\$330.00
74	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	14	Ea	\$100.00	\$1,400.00	\$165.00	\$2,310.00	\$165.00	\$2,310.00	\$165.00	\$2,310.00
75	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	407	Ft	\$8.00	\$3,256.00	\$12.50	\$5,087.50	\$12.50	\$5,087.50	\$12.50	\$5,087.50
76	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	5,983	Ft	\$1.00	\$5,983.00	\$0.35	\$2,094.05	\$0.35	\$2,094.05	\$0.35	\$2,094.05
77	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	48	Ft	\$1.00	\$48.00	\$0.45	\$21.60	\$0.45	\$21.60	\$0.45	\$21.60
78	Pavt Mrkg, Sprayable, Thermopl, 8 inch, White	99	Ft	\$1.00	\$99.00	\$0.70	\$69.30	\$0.70	\$69.30	\$0.70	\$69.30
79	Remove Curing Compound, for Longit Mrkg, 4 inch	5,983	Ft	\$1.00	\$5,983.00	\$0.85	\$5,085.55	\$0.85	\$5,085.55	\$0.85	\$5,085.55
80	Remove Curing Compound, for Longit Mrkg, 6 inch	1,120	Ft	\$1.00	\$1,120.00	\$0.95	\$1,064.00	\$0.95	\$1,064.00	\$0.95	\$1,064.00
81	Remove Curing Compound, for Longit Mrkg, 8 inch	99	Ft	\$1.00	\$99.00	\$1.25	\$123.75	\$1.25	\$123.75	\$1.25	\$123.75
82	Remove Curing Compound, for Spec Mrkg	2,320	Sft	\$3.00	\$6,960.00	\$2.95	\$6,844.00	\$2.95	\$6,844.00	\$2.95	\$6,844.00
83	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	125	Ea	\$75.00	\$9,375.00	\$90.00	\$11,250.00	\$90.00	\$11,250.00	\$90.00	\$11,250.00
84	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	125	Ea	\$5.00	\$625.00	\$0.01	\$1.25	\$0.01	\$1.25	\$0.01	\$1.25
85	Channelizing Device, 42 inch, Furn	50	Ea	\$25.00	\$1,250.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
86	Channelizing Device, 42 inch, Oper	50	Ea	\$5.00	\$250.00	\$0.01	\$0.50	\$0.01	\$0.50	\$0.01	\$0.50
87	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	1,000	Ft	\$2.00	\$2,000.00	\$1.50	\$1,500.00	\$1.65	\$1,650.00	\$1.25	\$1,250.00
88	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	1,000	Ft	\$2.00	\$2,000.00	\$1.50	\$1,500.00	\$1.65	\$1,650.00	\$1.25	\$1,250.00
89	Plastic Drum, High Intensity, Furn	250	Ea	\$15.00	\$3,750.00	\$22.00	\$5,500.00	\$22.00	\$5,500.00	\$22.00	\$5,500.00
90	Plastic Drum, High Intensity, Oper	250	Ea	\$1.00	\$250.00	\$0.01	\$2.50	\$0.01	\$2.50	\$0.01	\$2.50
91	Dust Palliative, Applied	11	Ton	\$250.00	\$2,750.00	\$400.00	\$4,400.00	\$275.00	\$3,025.00	\$350.00	\$3,850.00
92	Traffic Regulator Control	1	Lsum	\$100,000.00	\$100,000.00	\$10,000.00	\$10,000.00	\$65,957.00	\$65,957.00	\$27,700.00	\$27,700.00
93	Minor Traf Devices	1	Lsum	\$100,000.00	\$100,000.00	\$10,000.00	\$10,000.00	\$55,257.00	\$55,257.00	\$33,450.00	\$33,450.00
94	Sign Cover	10	Ea	\$20.00	\$200.00	\$50.00	\$500.00	\$50.00	\$500.00	\$50.00	\$500.00
95	Pedestrian Type II Barricade, Temp	10	Ea	\$5.00	\$50.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00
96	Sign, Type B, Temp, Prismatic, Furn	1,157	Sft	\$5.00	\$5,785.00	\$6.00	\$6,942.00	\$6.00	\$6,942.00	\$6.00	\$6,942.00
97	Sign, Type B, Temp, Prismatic, Oper	1,157	Sft	\$0.50	\$578.50	\$0.01	\$11.57	\$0.01	\$11.57	\$0.01	\$11.57
98	Sign, Type B, Temp, Prismatic, Special, Furn	660	Sft	\$5.00	\$3,300.00	\$12.00	\$7,920.00	\$12.00	\$7,920.00	\$12.00	\$7,920.00
99	Sign, Type B, Temp, Prismatic, Special, Oper	660	Sft	\$0.50	\$330.00	\$0.01	\$6.60	\$0.01	\$6.60	\$0.01	\$6.60
100	Turf Establishment, Sod, Performance, RCOG	20,316	Syd	\$6.50	\$132,054.00	\$9.40	\$190,970.40	\$6.40	\$130,022.40	\$8.90	\$180,812.40
101	Conduit, DB, 1, 1 1/4 inch	300	Ft	\$10.00	\$3,000.00	\$9.00	\$2,700.00	\$15.80	\$4,740.00	\$9.00	\$2,700.00
102	Conduit, DB, 1, 3 inch	20	Ft	\$20.00	\$400.00	\$13.00	\$260.00	\$20.93	\$418.60	\$13.00	\$260.00
103	Conduit, Rem	660	Ft	\$2.00	\$1,320.00	\$0.50	\$330.00	\$2.23	\$1,471.80	\$0.50	\$330.00
104	Conduit, Schedule 40, 3 inch	1,345	Ft	\$15.00	\$20,175.00	\$11.00	\$14,795.00	\$4.31	\$5,796.95	\$11.00	\$14,795.00
105	DB Cable, in Conduit, 600V, 1/C#2	1,540	Ft	\$3.50	\$5,390.00	\$3.85	\$5,929.00	\$2.73	\$4,204.20	\$3.85	\$5,929.00
106	DB Cable, in Conduit, Rem	670	Ft	\$1.00	\$670.00	\$1.50	\$1,005.00	\$0.90	\$603.00	\$1.50	\$1,005.00
107	Cable, Equipment Grounding Wire, 1/C#2	770	Ft	\$3.50	\$2,695.00	\$3.85	\$2,964.50	\$1.60	\$1,232.00	\$3.85	\$2,964.50
108	Hh, Rem	1	Ea	\$2,500.00	\$2,500.00	\$200.00	\$200.00	\$417.34	\$417.34	\$200.00	\$200.00
109	Hh, Round	1	Ea	\$3,000.00	\$3,000.00	\$1,340.00	\$1,340.00	\$1,374.03	\$1,374.03	\$1,340.00	\$1,340.00
110	Light Std Arm, Install Salv	4	Ea	\$300.00	\$1,200.00	\$140.00	\$560.00	\$112.72	\$450.88	\$140.00	\$560.00
111	Light Std Arm, Rem and Salv	4	Ea	\$300.00	\$1,200.00	\$140.00	\$560.00	\$135.07	\$540.28	\$140.00	\$560.00
112	Light Std Fdn	2	Ea	\$1,750.00	\$3,500.00	\$988.00	\$1,976.00	\$1,562.69	\$3,125.38	\$988.00	\$1,976.00
113	Light Std Shaft, Rem	2	Ea	\$550.00	\$1,100.00	\$450.00	\$900.00	\$707.74	\$1,415.48	\$450.00	\$900.00
114	Light Std Shaft, Install Salv	2	Ea	\$750.00	\$1,500.00	\$400.00	\$800.00	\$630.36	\$1,260.72	\$400.00	\$800.00
115	Light Std Shaft, Rem and Salv	4	Ea	\$750.00	\$3,000.00	\$550.00	\$2,200.00	\$224.94	\$899.76	\$550.00	\$2,200.00
116	Luminaire, Install Salv	4	Ea	\$250.00	\$1,000.00	\$65.00	\$260.00	\$103.78	\$415.12	\$65.00	\$260.00
117	Luminaire, Rem and Salv	4	Ea	\$250.00	\$1,000.00	\$65.00	\$260.00	\$103.78	\$415.12	\$65.00	\$260.00
118	Sign, Type IIIB	20	Sft	\$20.00	\$400.00	\$11.00	\$220.00	\$88.81	\$1,776.20	\$11.00	\$220.00
119	Pushbutton and Sign, Salv	13	Ea	\$250.00	\$3,250.00	\$211.00	\$2,743.00	\$103.83	\$1,349.79	\$211.00	\$2,743.00
120	Pushbutton and Sign	3	Ea	\$500.00	\$1,500.00	\$1,338.00	\$4,014.00	\$1,458.86	\$4,376.58	\$1,338.00	\$4,014.00
121	Pushbutton, Rem	13	Ea	\$100.00	\$1,300.00	\$68.00	\$884.00	\$77.89	\$1,012.57	\$68.00	\$884.00

122	TS, Pedestrian, Bracket Arm Mtd, Rem	8	Ea	\$125.00	\$1,000.00	\$100.00	\$800.00	\$129.77	\$1,038.16	\$100.00	\$800.00
123	TS, Pedestrian, Pedestal Mtd, Rem	1	Ea	\$125.00	\$125.00	\$100.00	\$100.00	\$130.10	\$130.10	\$100.00	\$100.00
124	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	2	Ea	\$1,000.00	\$2,000.00	\$686.00	\$1,372.00	\$993.25	\$1,986.50	\$686.00	\$1,372.00
125	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	1	Ea	\$1,500.00	\$1,500.00	\$1,213.00	\$1,213.00	\$1,582.97	\$1,582.97	\$1,213.00	\$1,213.00
126	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	6	Ea	\$1,500.00	\$9,000.00	\$1,519.00	\$9,114.00	\$2,102.59	\$12,615.54	\$1,519.00	\$9,114.00
127	Pushbutton Support Post, RCOC	15	Ea	\$800.00	\$12,000.00	\$530.00	\$7,950.00	\$746.55	\$11,198.25	\$530.00	\$7,950.00
128	Traffic Loop, Presence (Preformed), RCOC	11	Ea	\$1,500.00	\$16,500.00	\$1,660.00	\$18,260.00	\$1,390.46	\$15,295.06	\$1,660.00	\$18,260.00
129	Traf Loop, Presence	6	Ea	\$1,500.00	\$9,000.00	\$703.00	\$4,218.00	\$1,480.87	\$8,885.22	\$703.00	\$4,218.00
130	Traf Loop, Calling	2	Ea	\$1,500.00	\$3,000.00	\$219.00	\$438.00	\$1,480.87	\$2,961.74	\$219.00	\$438.00
131	Street Name Sign, One Way, 6 foot, RCOC	4	Ea	\$2,500.00	\$10,000.00	\$2,934.00	\$11,736.00	\$2,855.13	\$11,420.52	\$2,934.00	\$11,736.00
132	RCOC Inspection Fee	3,500	Dlr	\$1.00	\$3,500.00	\$1.00	\$3,500.00	\$1.00	\$3,500.00	\$1.00	\$3,500.00
133	Support Post, Rem, RCOC	1	Ea	\$100.00	\$100.00	\$250.00	\$250.00	\$223.69	\$223.69	\$250.00	\$250.00
134	Irrigation System, Special	1	LS	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$9,190.00	\$9,190.00	\$110,000.00	\$110,000.00
135	Reimbursed Permit Fees, Special	10,000	Dlr	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00	\$1.00	\$10,000.00
136	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	4	Ea	\$2,000.00	\$8,000.00	\$4,500.00	\$18,000.00	\$4,500.00	\$18,000.00	\$4,500.00	\$18,000.00
137	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	4	Ea	\$50.00	\$200.00	\$0.01	\$0.04	\$0.01	\$0.04	\$0.01	\$0.04

TOTAL COST DIVISION 1 (Items 1 - 137)

\$4,608,808.00

\$4,347,632.30

\$4,122,175.89

\$4,518,954.26

Division 2 Items (Per GWE Cost Estimate)

1	Audio Video Route Survey	1	LS	\$5,000.00	\$5,000.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00
2	Erosion Control, Silt Fence	500	Ft	\$1.50	\$750.00	\$2.40	\$1,200.00	\$2.40	\$1,200.00	\$2.50	\$1,250.00
3	Erosion Control, Inlet Protection, Fabric Drop	50	Ea	\$100.00	\$5,000.00	\$81.00	\$4,050.00	\$75.84	\$3,792.00	\$90.00	\$4,500.00
4	Pavt, Rem	15,840	Syd	\$6.50	\$102,960.00	\$4.75	\$75,240.00	\$1.69	\$26,769.60	\$0.47	\$7,444.80
5	Sidewalk, Rem	480	Syd	\$6.00	\$2,880.00	\$6.50	\$3,120.00	\$5.31	\$2,548.80	\$5.00	\$2,400.00
6	Subgrade Undercutting, 1 x 3, Special	300	Cyd	\$40.00	\$12,000.00	\$40.00	\$12,000.00	\$40.75	\$12,225.00	\$46.50	\$13,950.00
7	Aggregate Base Conditioning	7,920	Syd	\$2.00	\$15,840.00	\$1.00	\$7,920.00	\$8.49	\$67,240.80	\$0.70	\$5,544.00
8	Dr Structure Cover, Adj, Case 1	25	Ea	\$450.00	\$11,250.00	\$500.00	\$12,500.00	\$370.39	\$9,259.75	\$500.00	\$12,500.00
9	Conc Pavt, Nonreinf, 9 inch	15,840	Syd	\$45.00	\$712,800.00	\$47.00	\$744,480.00	\$39.70	\$628,848.00	\$44.40	\$703,296.00
10	Driveway Opening, Conc, Det M	196	Ft	\$16.00	\$3,136.00	\$25.50	\$4,998.00	\$25.50	\$4,998.00	\$25.50	\$4,998.00
11	Remove and Replace Conc. Curb and Gutter	1,000	Ft	\$15.00	\$15,000.00	\$36.00	\$36,000.00	\$33.59	\$33,590.00	\$35.50	\$35,500.00
12	Detectable Warning Surface	48	Ft	\$35.00	\$1,680.00	\$35.00	\$1,680.00	\$35.00	\$1,680.00	\$35.00	\$1,680.00
13	Sidewalk Ramp, Conc, 6 inch	480	Sft	\$8.00	\$3,840.00	\$5.00	\$2,400.00	\$5.00	\$2,400.00	\$5.00	\$2,400.00
14	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	4,065	Ft	\$1.00	\$4,065.00	\$0.35	\$1,422.75	\$0.35	\$1,422.75	\$0.35	\$1,422.75
15	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	140	Ft	\$2.00	\$280.00	\$2.95	\$413.00	\$2.95	\$413.00	\$2.95	\$413.00
16	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	25	Ft	\$5.00	\$125.00	\$9.00	\$225.00	\$9.00	\$225.00	\$9.00	\$225.00
17	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8	Ea	\$100.00	\$800.00	\$165.00	\$1,320.00	\$165.00	\$1,320.00	\$165.00	\$1,320.00
18	Pavt Mrkg, Ovly Cold Plastic, Only	12	Ea	\$105.00	\$1,260.00	\$165.00	\$1,980.00	\$165.00	\$1,980.00	\$165.00	\$1,980.00
19	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	5	Ea	\$100.00	\$500.00	\$165.00	\$825.00	\$165.00	\$825.00	\$165.00	\$825.00
20	Remove Curing Compound, for Longit Mrkg, 4 inch	4,065	Ft	\$1.00	\$4,065.00	\$0.85	\$3,455.25	\$0.85	\$3,455.25	\$0.85	\$3,455.25
21	Remove Curing Compound, for Longit Mrkg, 6 inch	140	Ft	\$1.00	\$140.00	\$0.95	\$133.00	\$0.95	\$133.00	\$0.95	\$133.00
22	Remove Curing Compound, for Spec Mrkg	800	Sft	\$3.00	\$2,400.00	\$2.95	\$2,360.00	\$2.95	\$2,360.00	\$2.95	\$2,360.00
23	Turf Establishment, Sod, Performance, RCOC	500	Syd	\$6.50	\$3,250.00	\$9.40	\$4,700.00	\$6.40	\$3,200.00	\$8.90	\$4,450.00
24	Crew Days (Auburn Hills)		Ea	\$780.00	\$0.00	\$780.00	\$56,160.00	\$780.00	\$23,400.00	\$780.00	\$31,200.00

TOTAL COST DIVISION 2 (Items 1 - 24)

\$909,021.00

\$980,182.00

\$834,885.95

\$844,846.80

TOTAL PROJECT COST - DIVISIONS 1 AND 2

\$5,517,829.00

\$5,327,814.30

\$4,957,061.84

\$5,363,801.06

Quantity used in Div. 2
line 24 was 72.

Quantity used in Div. 2
line 24 was 30.

Quantity used in Div. 2
line 24 was 40.