



TABULATION OF BIDS
City of Warren
Hoover Road and Chicago Road
Rehabilitation Project (13 Mile road to 14 Mile Road)
AEW PROJECT NO. 0140-0096

DATE: 5/15/2019
TIME: 1:00 PM

Prepared by: Anderson, Eckstein and Westrick, Inc.
51301 Schoenherr Road
Shelby Township, MI 48315

VENDOR RANKING

<i>RANK</i>	<i>VENDOR NAME</i>		<i>TOTAL BID</i>
1	Florence Cement Company	\$	4,579,252.00
2	Aielli Construction Company, Inc.	\$	4,838,734.95 *
3	Pamar Enterprises, Inc.	\$	4,855,449.71
4	V.I.L. Construction, Inc.	\$	4,868,635.06
5	Mark Anthony Contracting, Inc.	\$	4,881,398.78
6	Angelo Iafrate Construction Company	\$	4,985,163.84



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Florence Cement Company
 51515 Corridor
 Shelby Township, MI 48315

Aielli Construction Company, Inc.
 47850 Van Dyke Avenue
 Shelby Township, 48317

Pamar Enterprises, Inc.
 58021 Gratiot Avenue
 New Haven, MI 48048

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<u>GENERAL</u>									
1.	_ Reimbursed Permit Fees	20,500	Dlr	1.00	20,500.00	1.00	20,500.00	1.00	20,500.00
2.	Mobilization, Max. 5%	1	LS	225,000.00	225,000.00	215,000.00	215,000.00	235,000.00	235,000.00
3.	_ Audio Visual Record of Construction Area	1	LS	2,500.00	2,500.00	5,000.00	5,000.00	2,125.00	2,125.00
<u>WATER MAIN REPLACEMENT</u>									
4.	Tree, Rem, 19 inch to 36 inch	7	Ea	875.00	6,125.00	1,000.00	7,000.00	875.00	6,125.00
5.	Tree, Rem, 6 inch to 18 inch	12	Ea	225.00	2,700.00	300.00	3,600.00	225.00	2,700.00
6.	Maintenance Gravel	350	Ton	29.00	10,150.00	27.00	9,450.00	10.00	3,500.00
7.	_ External Structure Wrap, 18 inch	10	Ea	340.00	3,400.00	500.00	5,000.00 *	700.00	7,000.00
8.	_ Gate Well Cover	10	Ea	520.00	5,200.00	600.00	6,000.00	550.00	5,500.00
9.	_ HDPE Structure Adjustment Ring	4	Ea	53.00	212.00	90.00	360.00	200.00	800.00
10.	Gate Valve, 8 inch	5	Ea	1,155.00	5,775.00	2,500.00	12,500.00	1,900.00	9,500.00
11.	Gate Valve, 12 inch	5	Ea	2,135.00	10,675.00	3,900.00	19,500.00	2,900.00	14,500.00
12.	Gate Well, Rem	9	Ea	1,700.00	15,300.00	775.00	6,975.00	450.00	4,050.00
13.	Hydrant, Rem	4	Ea	485.00	1,940.00	775.00	3,100.00	450.00	1,800.00
14.	Water Main, DI, 8 inch, Tr Det F	237	Ft	106.00	25,122.00	95.00	22,515.00	113.00	26,781.00
15.	Water Main, DI, 8 inch, Tr Det G	643	Ft	134.00	86,162.00	119.00	76,517.00	128.00	82,304.00
16.	Water Main, DI, 12 inch, Tr Det F	1,471	Ft	103.00	151,513.00	119.00	175,049.00	130.00	191,230.00
17.	Water Main, DI, 12 inch, Tr Det G	1,391	Ft	131.00	182,221.00	133.00	185,003.00	150.00	208,650.00
18.	Water Serv	6	Ea	2,260.00	13,560.00	1,500.00	9,000.00	2,250.00	13,500.00
19.	Water Serv, Long	6	Ea	6,570.00	39,420.00	2,500.00	15,000.00	4,760.00	28,560.00
20.	Gate Well, 60 inch dia	5	Ea	2,350.00	11,750.00	2,000.00	10,000.00	2,500.00	12,500.00
21.	Gate Well, 72 inch dia	5	Ea	2,900.00	14,500.00	4,000.00	20,000.00	3,500.00	17,500.00
22.	_ Fire Hydrant Assembly	10	Ea	3,960.00	39,600.00	5,900.00	59,000.00	5,000.00	50,000.00
23.	_ Water Main Connection, 12 inch	2	Ea	4,500.00	9,000.00	6,000.00	12,000.00	7,500.00	15,000.00
24.	_ Water Main Connection, 8 inch	11	Ea	4,300.00	47,300.00	5,000.00	55,000.00	4,500.00	49,500.00
25.	_ Abandon Existing Water Main	1	LS	20,000.00	20,000.00	15,000.00	15,000.00	2,500.00	2,500.00
26.	_ Sanitary Lead Repr, 6 inch, Tr Det B	10	Ft	92.00	920.00	150.00	1,500.00	100.00	1,000.00
<u>ROAD REHABILITATION</u>									
27.	Dr Structure, Rem	24	Ea	255.00	6,120.00	333.00	7,992.00	365.00	8,760.00
28.	Sewer, Rem, Less than 24 inch	1,046	Ft	16.60	17,363.60	23.00	24,058.00	10.00	10,460.00
29.	Curb and Gutter, Rem	2,162	Ft	24.00	51,888.00	6.00	12,972.00	6.00	12,972.00
30.	Pavt, Rem	26,063	Syd	6.60	172,015.80	9.00	234,567.00	5.00	130,315.00
31.	Sidewalk, Rem	1,110	Syd	19.00	21,090.00	7.00	7,770.00	4.00	4,440.00
32.	_ Station Grading	34	Sta	5,700.00	193,800.00	3,000.00	102,000.00	9,800.00	333,200.00



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 New Haven, MI 48048

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
33.	_ Misc Excavation, Earth	200	Cyd	60.00	12,000.00	19.00	3,800.00	12.00	2,400.00
34.	_ Subgrade Undercutting, Modified	900	Cyd	54.00	48,600.00	50.00	45,000.00 *	38.00	34,200.00
35.	_ Subgrade Undercutting, Special	150	Cyd	59.00	8,850.00	55.00	8,250.00	38.00	5,700.00
36.	Erosion Control, Inlet Protection, Fabric Drop	53	Ea	222.00	11,766.00	129.00	6,837.00	100.00	5,300.00
37.	_ Aggregate Base, 4 inch, Modified	825	Syd	33.00	27,225.00	6.00	4,950.00	4.50	3,712.50
38.	_ Aggregate Base, 6 inch, Modified	2,785	Syd	29.00	80,765.00	7.00	19,495.00	5.00	13,925.00
39.	_ Aggregate Base, 6 inch, Special	1,365	Syd	14.50	19,792.50	11.00	15,015.00	11.00	15,015.00
40.	_ Aggregate Base, 8 inch, Modified	27,386	Syd	8.00	219,088.00	11.00	301,246.00	7.00	191,702.00
41.	_ Aggregate Base, Conditioning, Modified	5,400	Syd	1.00	5,400.00	3.00	16,200.00	3.00	16,200.00
42.	Maintenance Gravel	500	Ton	29.00	14,500.00	27.00	13,500.00	10.00	5,000.00
43.	Geotextile, Separator	27,386	Syd	0.90	24,647.40	2.00	54,772.00	1.00	27,386.00
44.	Sewer, CI IV, 12 inch, Tr Det B	727	Ft	91.00	66,157.00	69.00	50,163.00	88.00	63,976.00
45.	Sewer, CI IV, 18 inch, Tr Det B	198	Ft	123.00	24,354.00	79.00	15,642.00	102.00	20,196.00
46.	Sewer, CI IV, 24 inch, Tr Det B	60	Ft	172.00	10,320.00	100.00	6,000.00	139.00	8,340.00
47.	Sewer Tap, 12 inch	4	Ea	1,650.00	6,600.00	500.00	2,000.00	1,550.00	6,200.00
48.	Dr Structure Cover, Adj, Case 1	27	Ea	400.00	10,800.00	700.00	18,900.00	550.00	14,850.00
49.	Dr Structure, 48 inch dia	24	Ea	2,470.00	59,280.00	2,750.00	66,000.00	3,400.00	81,600.00
50.	Dr Structure, Adj, Add Depth	50	Ft	240.00	12,000.00	300.00	15,000.00	350.00	17,500.00
51.	Dr Structure, Tap, 6 inch	15	Ea	170.00	2,550.00	350.00	5,250.00	250.00	3,750.00
52.	Dr Structure, Tap, 12 inch	7	Ea	330.00	2,310.00	700.00	4,900.00	650.00	4,550.00
53.	Dr Structure, Tap, 18 inch	3	Ea	450.00	1,350.00	900.00	2,700.00	800.00	2,400.00
54.	Dr Structure, Tap, 24 inch	1	Ea	660.00	660.00	1,900.00	1,900.00	1,250.00	1,250.00
55.	_ Storm Sewer Repr, 12 inch, Tr Det B	7	Ft	320.00	2,240.00	69.00	483.00	390.00	2,730.00
56.	_ Dr Structure Cover, Adj, Case 1, Modified	14	Ea	875.00	12,250.00	700.00	9,800.00	660.00	9,240.00
57.	_ Dr Structure Cover, Catch Basin	33	Ea	415.00	13,695.00	600.00	19,800.00	400.00	13,200.00
58.	_ Dr Structure Cover, Storm Manhole	6	Ea	460.00	2,760.00	650.00	3,900.00	400.00	2,400.00
59.	_ External Structure Wrap, 18 inch	64	Ea	340.00	21,760.00	500.00	32,000.00	465.00	29,760.00
60.	_ HDPE Structure Adjustment Ring	116	Ea	53.00	6,148.00	90.00	10,440.00	50.00	5,800.00
61.	_ Sanitary Manhole Cover	9	Ea	500.00	4,500.00	900.00	8,100.00	660.00	5,940.00
62.	_ Storm Manhole Cover, County Drain	10	Ea	500.00	5,000.00	750.00	7,500.00	660.00	6,600.00
63.	Underdrain, Subgrade, Open-Graded, 6 inch	9,661	Ft	13.50	130,423.50	11.00	106,271.00	15.00	144,915.00
64.	Pavt, Cleaning	1	LS	1,600.00	1,600.00	5,000.00	5,000.00	2,000.00	2,000.00
65.	Pavt Joint and Crack Repr, Det 7	4,200	Ft	8.00	33,600.00	8.90	37,380.00	7.75	32,550.00
66.	Hand Patching	100	Ton	126.00	12,600.00	213.00	21,300.00	185.00	18,500.00
67.	HMA, 4E03	4	Ton	305.00	1,220.00	242.00	968.00	210.00	840.00



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68.	HMA, 5E03	4	Ton	305.00	1,220.00	250.00	1,000.00	214.00	856.00
69.	HMA, 5E3	1,640	Ton	127.00	208,280.00	177.00	290,280.00	120.20	197,128.00
70.	_ Cold Milling Pavt	8,891	Syd	4.00	35,564.00	2.00	17,782.00	3.00	26,673.00
71.	Conc Pavt with Integral Curb, Nonreinf, 9 inch	23,504	Syd	42.60	1,001,270.40	48.95	1,150,520.80	42.00	987,168.00
72.	Joint, Expansion, E2	174	Ft	21.15	3,680.10	24.00	4,176.00	15.00	2,610.00
73.	Joint, Expansion, E3	140	Ft	4.80	672.00	5.50	770.00	6.50	910.00
74.	Pavt Gapping	750	Ft	12.25	9,187.50	14.00	10,500.00	20.00	15,000.00
75.	Joint, Expansion, Erg	256	Ft	18.15	4,646.40	20.65	5,286.40	18.00	4,608.00
76.	Lane Tie, Epoxy Anchored	4,000	Ea	5.75	23,000.00	6.60	26,400.00 *	6.50	26,000.00
77.	Pavt Repr, Nonreinf Conc, 9 inch	2,774	Syd	42.90	119,004.60	48.85	135,509.90	54.00	149,796.00
78.	Joint, Expansion, Erg, Modified	256	Ft	18.15	4,646.40	20.85	5,337.60	15.00	3,840.00
79.	_ Pavt Joints and Cracks, Resealing	10,500	Ft	1.00	10,500.00	1.23	12,915.00	1.00	10,500.00
80.	_ Pavt Repr, Nonreinf Conc, 8 inch, Modified	2,298	Syd	36.45	83,762.10	41.50	95,367.00	51.00	117,198.00
81.	_ Pavt Repr, Rem, Modified	5,075	Syd	15.35	77,901.25	17.25	87,543.75	18.00	91,350.00
82.	Driveway, Nonreinf Conc, 6 inch	355	Syd	45.00	15,975.00	51.00	18,105.00	45.00	15,975.00
83.	Driveway, Nonreinf Conc, 8 inch	1,992	Syd	50.00	99,600.00	56.50	112,548.00	50.00	99,600.00
84.	Driveway Opening, Conc, Det M	1,595	Ft	22.00	35,090.00	24.50	39,077.50	22.00	35,090.00
85.	_ Curb and Gutter, Conc, Det F1, Modified	2,102	Ft	21.50	45,193.00	24.75	52,024.50	21.50	45,193.00
86.	Detectable Warning Surface	199	Ft	35.00	6,965.00	39.00	7,761.00	35.00	6,965.00
87.	Curb Ramp Opening, Conc	199	Ft	21.50	4,278.50	24.50	4,875.50	21.50	4,278.50
88.	Sidewalk Ramp, Conc, 4 inch	2,563	Sft	5.50	14,096.50	6.25	16,018.75	5.50	14,096.50
89.	Sidewalk, Conc, 4 inch	5,318	Sft	4.00	21,272.00	4.50	23,931.00	4.00	21,272.00
90.	Sidewalk, Conc, 6 inch	141	Sft	5.00	705.00	5.65	796.65	5.00	705.00
91.	_ Sidewalk Ramp, Conc, 8 inch	1,475	Sft	7.50	11,062.50	8.50	12,537.50	7.50	11,062.50
92.	Post, Mailbox	2	Ea	200.00	400.00	100.00	200.00	125.00	250.00
93.	_ Mailbox, Relocate, Temp	2	Ea	200.00	400.00	250.00	500.00	125.00	250.00
94.	Post, Steel, 3 lb	877	Ft	7.00	6,139.00	8.00	7,016.00	7.00	6,139.00
95.	Post, Wood, 4 inch by 6 inch	128	Ft	25.00	3,200.00	29.00	3,712.00	25.00	3,200.00
96.	Sign, Type IIA	13	Sft	19.50	253.50	22.50	292.50	19.50	253.50
97.	Sign, Type IIB	38	Sft	19.50	741.00	22.50	855.00	19.50	741.00
98.	Sign, Type III, Erect, Salv	9	Ea	100.00	900.00	115.00	1,035.00	100.00	900.00
99.	Sign, Type III, Rem	99	Ea	10.00	990.00	11.50	1,138.50	10.00	990.00
100.	Sign, Type IIIA	147	Sft	19.50	2,866.50	22.50	3,307.50	19.50	2,866.50
101.	Sign, Type IIIB	113	Sft	19.50	2,203.50	22.50	2,542.50	19.50	2,203.50
102.	_ Sign, Type IIIA, Special	105	Sft	21.00	2,205.00	25.00	2,625.00	21.00	2,205.00



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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
103.	Pavt Mrkg, Polyurea, 4 inch, White	700	Ft	0.82	574.00	0.95	665.00	0.82	574.00
104.	Pavt Mrkg, Polyurea, 4 inch, Yellow	2,800	Ft	0.82	2,296.00	0.95	2,660.00	0.82	2,296.00
105.	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	1,234	Ft	2.95	3,640.30	3.40	4,195.60	2.95	3,640.30
106.	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	460	Ft	12.50	5,750.00	14.40	6,624.00	12.50	5,750.00
107.	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	9,500	Ft	0.20	1,900.00	0.23	2,185.00	0.20	1,900.00
108.	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	33,550	Ft	0.20	6,710.00	0.23	7,716.50	0.20	6,710.00
109.	Rem Curing Compound, for Spec Mrkg	755	Sft	2.95	2,227.25	3.40	2,567.00	2.95	2,227.25
110.	Rem Spec Mrkg	850	Sft	2.95	2,507.50	3.40	2,890.00	2.95	2,507.50
111.	Witness, Log, \$1,000.00	1	Dlr	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
112.	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	15	Ea	174.00	2,610.00	200.00	3,000.00	175.74	2,636.10
113.	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	1	Ea	175.00	175.00	200.00	200.00	176.75	176.75
114.	Barricade, Type III, High Intensity, Lighted, Furn	50	Ea	95.00	4,750.00	105.00	5,250.00	95.95	4,797.50
115.	Barricade, Type III, High Intensity, Lighted, Oper	50	Ea	0.01	0.50	1.00	50.00	0.01	0.50
116.	Pedestrian Type II Barricade,Temp	15	Ea	195.00	2,925.00	220.00	3,300.00	196.95	2,954.25
117.	Channelizing Device, 42 inch, Furn	150	Ea	19.00	2,850.00	22.00	3,300.00	19.19	2,878.50
118.	Channelizing Device, 42 inch, Oper	150	Ea	0.01	1.50	1.00	150.00	0.01	1.50
119.	Lighted Arrow, Type C, Furn	4	Ea	700.00	2,800.00	800.00	3,200.00	707.00	2,828.00
120.	Lighted Arrow, Type C, Oper	4	Ea	0.01	0.04	1.00	4.00	0.01	0.04
121.	Minor Traf Devices	1	LS	24,240.11	24,240.11	21,500.00	21,500.00	195,000.00	195,000.00
122.	Part Width Intersection Construction	3	Ea	0.01	0.03	15,000.00	45,000.00	2,500.00	7,500.00
123.	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	32,000	Ft	0.59	18,880.00	0.68	21,760.00	0.59	18,880.00
124.	Pavt Mrkg, Longit, Water Blasting,6 inch or less Width, Rem	5,000	Ft	0.95	4,750.00	1.08	5,400.00	0.95	4,750.00
125.	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	6,600	Ft	0.55	3,630.00	0.64	4,224.00	0.55	3,630.00
126.	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	13,600	Ft	0.55	7,480.00	0.64	8,704.00	0.55	7,480.00
127.	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	2,700	Ft	1.65	4,455.00	1.92	5,184.00	1.65	4,455.00
128.	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	15,500	Ft	1.65	25,575.00	1.92	29,760.00	1.65	25,575.00
129.	Plastic Drum, High Intensity, Furn	350	Ea	24.00	8,400.00	28.00	9,800.00	24.00	8,400.00
130.	Plastic Drum, High Intensity, Oper	350	Ea	0.01	3.50	1.00	350.00	0.01	3.50
131.	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	200	Ft	12.50	2,500.00	14.50	2,900.00	12.50	2,500.00



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132.	Sign Cover	12	Ea	25.00	300.00	29.00	348.00	25.00	300.00
133.	Sign, Portable, Changeable Message, Furn	2	Ea	5,000.00	10,000.00	6,000.00	12,000.00	5,000.00	10,000.00
134.	Sign, Portable, Changeable Message, Oper	2	Ea	0.01	0.02	1.00	2.00	0.01	0.02
135.	Sign, Type B, Temp, Prismatic, Furn	1,150	Sft	6.00	6,900.00	7.00	8,050.00	6.00	6,900.00
136.	Sign, Type B, Temp, Prismatic, Oper	1,150	Sft	0.01	11.50	1.00	1,150.00	0.01	11.50
137.	Sign, Type B, Temp, Prismatic, Special, Furn	45	Sft	12.00	540.00	14.00	630.00	12.00	540.00
138.	_ Sign, Type B, Temp, Prismatic, Special, Oper	45	Sft	0.01	0.45	1.00	45.00	0.01	0.45
139.	_ Traf Regulator Control	1	LS	110,000.00	110,000.00	10,000.00	10,000.00	90,000.00	90,000.00
140.	Bus Stop, Temp	13	Ea	1,100.00	14,300.00	250.00	3,250.00	100.00	1,300.00
141.	Turf Establishment, Performance	10,000	Syd	6.30	63,000.00	7.00	70,000.00	14.98	149,800.00
142.	Case Sign Panel	6	Ea	558.50	3,351.00	575.00	3,450.00	558.50	3,351.00
143.	Case Sign Panel, Rem	12	Ea	174.50	2,094.00	236.00	2,832.00	174.50	2,094.00
144.	Case Sign Panel, Salv	6	Ea	407.25	2,443.50	678.00	4,068.00	407.25	2,443.50
145.	TS Head, Temp	12	Ea	524.50	6,294.00	2,500.00	30,000.00	524.50	6,294.00
146.	TS Face, Bag	21	Ea	421.75	8,856.75	613.00	12,873.00	421.75	8,856.75
147.	_ TS Face, Bag, Rem	21	Ea	415.50	8,725.50	370.00	7,770.00	415.50	8,725.50
148.	_ Monument Box	4	Ea	450.00	1,800.00	1,500.00	6,000.00	1,000.00	4,000.00
149.	_ Irrigation Pipe	750	Ft	5.00	3,750.00	5.00	3,750.00	0.01	7.50
150.	_ Sprinkler Head	60	Ea	100.00	6,000.00	80.00	4,800.00	0.02	1.20
151.	_ Sprinkler Head, Adj	10	Ea	75.00	750.00	50.00	500.00	0.01	0.10
TOTAL AMOUNT BID				\$	4,579,252.00	\$	4,838,734.95 *	\$	4,855,449.71

* CORRECTED BY ENGINEER



TABULATION OF BIDS

City of Warren
 Hoover Road and Chicago Road
 Rehabilitation Project (13 Mile road to 14 Mile Road)
 AEW PROJECT NO. 0140-0096

V.I.L. Construction, Inc.
 6670 Sims Drive
 Sterling Heights, MI 48313

Mark Anthony Contracting, Inc.
 4844 Old Plank Road
 Milford, MI 48381

Angelo Iafrate Construction Company
 26300 Sherwood Ave.
 Warren, MI 48091-1298

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<u>GENERAL</u>									
1.	_ Reimbursed Permit Fees	20,500	Dlr	1.00	20,500.00	1.00	20,500.00	1.00	20,500.00
2.	Mobilization, Max. 5%	1	LS	225,000.00	225,000.00	228,804.31	228,804.31	249,000.00	249,000.00
3.	_ Audio Visual Record of Construction Area	1	LS	2,400.00	2,400.00	2,337.50	2,337.50	2,125.00	2,125.00
<u>WATER MAIN REPLACEMENT</u>									
4.	Tree, Rem, 19 inch to 36 inch	7	Ea	900.00	6,300.00	962.50	6,737.50	1,100.00	7,700.00
5.	Tree, Rem, 6 inch to 18 inch	12	Ea	250.00	3,000.00	247.50	2,970.00	285.00	3,420.00
6.	Maintenance Gravel	350	Ton	30.00	10,500.00	29.98	10,493.00	20.00	7,000.00
7.	_ External Structure Wrap, 18 inch	10	Ea	220.00	2,200.00	647.46	6,474.60	355.00	3,550.00
8.	_ Gate Well Cover	10	Ea	550.00	5,500.00	577.50	5,775.00	575.00	5,750.00
9.	_ HDPE Structure Adjustment Ring	4	Ea	70.00	280.00	258.50	1,034.00	82.00	328.00
10.	Gate Valve, 8 inch	5	Ea	1,800.00	9,000.00	2,860.00	14,300.00	1,450.00	7,250.00
11.	Gate Valve, 12 inch	5	Ea	2,900.00	14,500.00	2,860.00	14,300.00	2,600.00	13,000.00
12.	Gate Well, Rem	9	Ea	750.00	6,750.00	880.00	7,920.00	440.00	3,960.00
13.	Hydrant, Rem	4	Ea	950.00	3,800.00	880.00	3,520.00	515.00	2,060.00
14.	Water Main, DI, 8 inch, Tr Det F	237	Ft	125.00	29,625.00	82.50	19,552.50	115.00	27,255.00
15.	Water Main, DI, 8 inch, Tr Det G	643	Ft	145.00	93,235.00	115.50	74,266.50	145.00	93,235.00
16.	Water Main, DI, 12 inch, Tr Det F	1,471	Ft	145.00	213,295.00	99.00	145,629.00	100.00	147,100.00
17.	Water Main, DI, 12 inch, Tr Det G	1,391	Ft	165.00	229,515.00	132.00	183,612.00	135.00	187,785.00
18.	Water Serv	6	Ea	1,200.00	7,200.00	1,815.00	10,890.00	2,800.00	16,800.00
19.	Water Serv, Long	6	Ea	3,000.00	18,000.00	4,290.00	25,740.00	8,900.00	53,400.00
20.	Gate Well, 60 inch dia	5	Ea	2,000.00	10,000.00	1,650.00	8,250.00	1,800.00	9,000.00
21.	Gate Well, 72 inch dia	5	Ea	2,800.00	14,000.00	2,420.00	12,100.00	2,700.00	13,500.00
22.	_ Fire Hydrant Assembly	10	Ea	5,100.00	51,000.00	5,060.00	50,600.00	5,170.00	51,700.00
23.	_ Water Main Connection, 12 inch	2	Ea	2,300.00	4,600.00	4,620.00	9,240.00	3,520.00	7,040.00
24.	_ Water Main Connection, 8 inch	11	Ea	1,200.00	13,200.00	4,620.00	50,820.00	3,140.00	34,540.00
25.	_ Abandon Existing Water Main	1	LS	3,000.00	3,000.00	17,600.00	17,600.00	40,000.00	40,000.00
26.	_ Sanitary Lead Repr, 6 inch, Tr Det B	10	Ft	180.00	1,800.00	99.00	990.00	280.00	2,800.00
<u>ROAD REHABILITATION</u>									
27.	Dr Structure, Rem	24	Ea	650.00	15,600.00	419.65	10,071.60	395.00	9,480.00
28.	Sewer, Rem, Less than 24 inch	1,046	Ft	19.00	19,874.00	12.67	13,252.82	14.00	14,644.00
29.	Curb and Gutter, Rem	2,162	Ft	14.00	30,268.00	6.00	12,972.00	7.00	15,134.00
30.	Pavt, Rem	26,063	Syd	12.00	312,756.00	12.50	325,787.50	6.00	156,378.00
31.	Sidewalk, Rem	1,110	Syd	12.00	13,320.00 *	6.74	7,481.40	9.00	9,990.00
32.	_ Station Grading	34	Sta	5,850.00	198,900.00	5,956.63	202,525.42	6,500.00	221,000.00



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 Sterling Heights, MI 48313

Mark Anthony Contracting, Inc.
 4844 Old Plank Road
 Milford, MI 48381

Angelo Iafrate Construction Company
 26300 Sherwood Ave.
 Warren, MI 48091-1298

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
33.	_ Misc Excavation, Earth	200	Cyd	14.00	2,800.00	65.95	13,190.00	18.00	3,600.00
34.	_ Subgrade Undercutting, Modified	900	Cyd	45.00	40,500.00	53.27	47,943.00	45.00	40,500.00
35.	_ Subgrade Undercutting, Special	150	Cyd	40.00	6,000.00	64.72	9,708.00	38.00	5,700.00
36.	Erosion Control, Inlet Protection, Fabric Drop	53	Ea	80.00	4,240.00	65.95	3,495.35	60.00	3,180.00
37.	_ Aggregate Base, 4 inch, Modified	825	Syd	8.00	6,600.00	6.26	5,164.50	25.00	20,625.00
38.	_ Aggregate Base, 6 inch, Modified	2,785	Syd	8.50	23,672.50	8.47	23,588.95	13.00	36,205.00
39.	_ Aggregate Base, 6 inch, Special	1,365	Syd	9.00	12,285.00	11.00	15,015.00	11.00	15,015.00
40.	_ Aggregate Base, 8 inch, Modified	27,386	Syd	9.50	260,167.00	11.04	302,341.44	10.00	273,860.00
41.	_ Aggregate Base, Conditioning, Modified	5,400	Syd	1.50	8,100.00	4.57	24,678.00	5.00	27,000.00
42.	Maintenance Gravel	500	Ton	30.00	15,000.00	26.38	13,190.00	20.00	10,000.00
43.	Geotextile, Separator	27,386	Syd	1.50	41,079.00	1.48	40,531.28	1.50	41,079.00
44.	Sewer, CI IV, 12 inch, Tr Det B	727	Ft	105.00	76,335.00	47.06	34,212.62	80.00	58,160.00
45.	Sewer, CI IV, 18 inch, Tr Det B	198	Ft	130.00	25,740.00	57.24	11,333.52	110.00	21,780.00
46.	Sewer, CI IV, 24 inch, Tr Det B	60	Ft	160.00	9,600.00	88.72	5,323.20	130.00	7,800.00
47.	Sewer Tap, 12 inch	4	Ea	500.00	2,000.00	438.73	1,754.92	2,500.00	10,000.00
48.	Dr Structure Cover, Adj, Case 1	27	Ea	800.00	21,600.00	288.31	7,784.37	500.00	13,500.00
49.	Dr Structure, 48 inch dia	24	Ea	2,800.00	67,200.00	3,192.50	76,620.00	2,100.00	50,400.00
50.	Dr Structure, Adj, Add Depth	50	Ft	100.00	5,000.00	181.76	9,088.00	180.00	9,000.00
51.	Dr Structure, Tap, 6 inch	15	Ea	200.00	3,000.00	206.83	3,102.45	225.00	3,375.00
52.	Dr Structure, Tap, 12 inch	7	Ea	400.00	2,800.00	338.45	2,369.15	775.00	5,425.00
53.	Dr Structure, Tap, 18 inch	3	Ea	500.00	1,500.00	476.33	1,428.99	1,200.00	3,600.00
54.	Dr Structure, Tap, 24 inch	1	Ea	700.00	700.00	595.41	595.41	1,800.00	1,800.00
55.	_ Storm Sewer Repr, 12 inch, Tr Det B	7	Ft	255.00	1,785.00	94.01	658.07	250.00	1,750.00
56.	_ Dr Structure Cover, Adj, Case 1, Modified	14	Ea	1,600.00	22,400.00	626.75	8,774.50	870.00	12,180.00
57.	_ Dr Structure Cover, Catch Basin	33	Ea	500.00	16,500.00	483.58	15,958.14	455.00	15,015.00
58.	_ Dr Structure Cover, Storm Manhole	6	Ea	550.00	3,300.00	538.67	3,232.02	510.00	3,060.00
59.	_ External Structure Wrap, 18 inch	64	Ea	220.00	14,080.00	526.47	33,694.08	375.00	24,000.00
60.	_ HDPE Structure Adjustment Ring	116	Ea	70.00	8,120.00	42.52	4,932.32	85.00	9,860.00
61.	_ Sanitary Manhole Cover	9	Ea	600.00	5,400.00	538.67	4,848.03	475.00	4,275.00
62.	_ Storm Manhole Cover, County Drain	10	Ea	600.00	6,000.00	608.43	6,084.30	550.00	5,500.00
63.	Underdrain, Subgrade, Open-Graded, 6 inch	9,661	Ft	16.00	154,576.00	13.77	133,031.97	17.00	164,237.00
64.	Pavt, Cleaning	1	LS	1,000.00	1,000.00	14,987.50	14,987.50	2,500.00	2,500.00
65.	Pavt Joint and Crack Repr, Det 7	4,200	Ft	6.00	25,200.00	9.71	40,782.00	8.00	33,600.00
66.	Hand Patching	100	Ton	155.00	15,500.00	231.90	23,190.00	126.00	12,600.00
67.	HMA, 4E03	4	Ton	305.00	1,220.00	263.24	1,052.96	305.00	1,220.00



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 4844 Old Plank Road
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Angelo Iafrate Construction Company
 26300 Sherwood Ave.
 Warren, MI 48091-1298

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
68.	HMA, 5E03	4	Ton	305.00	1,220.00	268.25	1,073.00	305.00	1,220.00
69.	HMA, 5E3	1,640	Ton	121.00	198,440.00	150.67	247,098.80	127.00	208,280.00
70.	_ Cold Milling Pavt	8,891	Syd	4.50	40,009.50	2.51	22,316.41	4.00	35,564.00
71.	Conc Pavt with Integral Curb, Nonreinf, 9 inch	23,504	Syd	40.65	955,437.60	40.25	946,036.00	55.00	1,292,720.00
72.	Joint, Expansion, E2	174	Ft	15.15	2,636.10	15.00	2,610.00	18.00	3,132.00
73.	Joint, Expansion, E3	140	Ft	6.60	924.00	6.50	910.00	8.00	1,120.00
74.	Pavt Gapping	750	Ft	20.20	15,150.00	20.00	15,000.00	20.00	15,000.00
75.	Joint, Expansion, Erg	256	Ft	18.15	4,646.40	18.00	4,608.00	12.00	3,072.00
76.	Lane Tie, Epoxy Anchored	4,000	Ea	6.55	26,200.00	6.50	26,000.00	5.00	20,000.00
77.	Pavt Repr, Nonreinf Conc, 9 inch	2,774	Syd	54.50	151,183.00	70.20	194,734.80	56.00	155,344.00
78.	Joint, Expansion, Erg, Modified	256	Ft	15.15	3,878.40	12.54	3,210.24	8.00	2,048.00
79.	_ Pavt Joints and Cracks, Resealing	10,500	Ft	1.00	10,500.00	1.20	12,600.00	2.50	26,250.00
80.	_ Pavt Repr, Nonreinf Conc, 8 inch, Modified	2,298	Syd	51.50	118,347.00	63.93	146,911.14	51.00	117,198.00
81.	_ Pavt Repr, Rem, Modified	5,075	Syd	17.00	86,275.00	12.54	63,640.50	10.00	50,750.00
82.	Driveway, Nonreinf Conc, 6 inch	355	Syd	45.50	16,152.50	56.41	20,025.55	47.00	16,685.00
83.	Driveway, Nonreinf Conc, 8 inch	1,992	Syd	50.50	100,596.00	62.68	124,858.56	57.00	113,544.00
84.	Driveway Opening, Conc, Det M	1,595	Ft	22.20	35,409.00	27.58	43,990.10	21.00	33,495.00
85.	_ Curb and Gutter, Conc, Det F1, Modified	2,102	Ft	21.70	45,613.40	26.96	56,669.92	22.00	46,244.00
86.	Detectable Warning Surface	199	Ft	35.50	7,064.50	43.87	8,730.13	32.00	6,368.00
87.	Curb Ramp Opening, Conc	199	Ft	22.00	4,378.00	26.96	5,365.04	22.00	4,378.00
88.	Sidewalk Ramp, Conc, 4 inch	2,563	Sft	5.55	14,224.65	6.90	17,684.70	6.80	17,428.40
89.	Sidewalk, Conc, 4 inch	5,318	Sft	4.05	21,537.90	5.01	26,643.18	4.10	21,803.80
90.	Sidewalk, Conc, 6 inch	141	Sft	5.05	712.05	6.27	884.07	8.40	1,184.40
91.	_ Sidewalk Ramp, Conc, 8 inch	1,475	Sft	7.60	11,210.00	9.41	13,879.75	9.60	14,160.00
92.	Post, Mailbox	2	Ea	200.00	400.00	438.73	877.46	205.00	410.00
93.	_ Mailbox, Relocate, Temp	2	Ea	150.00	300.00	438.73	877.46	125.00	250.00
94.	Post, Steel, 3 lb	877	Ft	6.00	5,262.00	8.05	7,059.85	7.00	6,139.00
95.	Post, Wood, 4 inch by 6 inch	128	Ft	20.00	2,560.00	28.75	3,680.00	25.00	3,200.00
96.	Sign, Type IIA	13	Sft	22.00	286.00	22.43	291.59	19.50	253.50
97.	Sign, Type IIB	38	Sft	22.00	836.00	22.43	852.34	19.50	741.00
98.	Sign, Type III, Erect, Salv	9	Ea	50.00	450.00	115.00	1,035.00	100.00	900.00
99.	Sign, Type III, Rem	99	Ea	10.00	990.00	11.50	1,138.50	10.00	990.00
100.	Sign, Type IIIA	147	Sft	19.00	2,793.00	22.43	3,297.21	19.50	2,866.50
101.	Sign, Type IIIB	113	Sft	16.00	1,808.00	22.43	2,534.59	19.50	2,203.50
102.	_ Sign, Type IIIA, Special	105	Sft	20.00	2,100.00	24.15	2,535.75	21.00	2,205.00



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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
103.	Pavt Mrkg, Polyurea, 4 inch, White	700	Ft	0.82	574.00	0.94	658.00	0.82	574.00
104.	Pavt Mrkg, Polyurea, 4 inch, Yellow	2,800	Ft	0.82	2,296.00	0.94	2,632.00	0.82	2,296.00
105.	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	1,234	Ft	2.95	3,640.30	3.39	4,183.26	2.95	3,640.30
106.	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	460	Ft	12.50	5,750.00	14.38	6,614.80	12.50	5,750.00
107.	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	9,500	Ft	0.20	1,900.00	0.23	2,185.00	0.20	1,900.00
108.	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	33,550	Ft	0.20	6,710.00	0.23	7,716.50	0.20	6,710.00
109.	Rem Curing Compound, for Spec Mrkg	755	Sft	2.95	2,227.25	3.39	2,559.45	2.95	2,227.25
110.	Rem Spec Mrkg	850	Sft	2.95	2,507.50	3.39	2,881.50	2.95	2,507.50
111.	Witness, Log, \$1,000.00	1	Dlr	1,000.00	1,000.00	1,150.00	1,150.00	1,000.00	1,000.00
112.	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	15	Ea	174.00	2,610.00	200.10	3,001.50	174.00	2,610.00
113.	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	1	Ea	175.00	175.00	201.25	201.25	175.00	175.00
114.	Barricade, Type III, High Intensity, Lighted, Furn	50	Ea	80.00	4,000.00	109.25	5,462.50	95.00	4,750.00
115.	Barricade, Type III, High Intensity, Lighted, Oper	50	Ea	0.01	0.50	0.01	0.50	0.01	0.50
116.	Pedestrian Type II Barricade, Temp	15	Ea	150.00	2,250.00	224.25	3,363.75	195.00	2,925.00
117.	Channelizing Device, 42 inch, Furn	150	Ea	15.00	2,250.00	21.85	3,277.50	19.00	2,850.00
118.	Channelizing Device, 42 inch, Oper	150	Ea	0.01	1.50	0.01	1.50	0.01	1.50
119.	Lighted Arrow, Type C, Furn	4	Ea	500.00	2,000.00	805.00	3,220.00	700.00	2,800.00
120.	Lighted Arrow, Type C, Oper	4	Ea	0.01	0.04	0.01	0.04	0.01	0.04
121.	Minor Traf Devices	1	LS	95,000.00	95,000.00	38,628.50	38,628.50	68,100.00	68,100.00
122.	Part Width Intersection Construction	3	Ea	3,500.00	10,500.00	1,380.00	4,140.00	1,400.00	4,200.00
123.	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	32,000	Ft	0.59	18,880.00	0.68	21,760.00	0.59	18,880.00
124.	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	5,000	Ft	0.95	4,750.00	1.09	5,450.00	0.95	4,750.00
125.	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	6,600	Ft	0.55	3,630.00	0.63	4,158.00	0.55	3,630.00
126.	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	13,600	Ft	0.55	7,480.00	0.63	8,568.00	0.55	7,480.00
127.	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	2,700	Ft	1.65	4,455.00	1.90	5,130.00	1.65	4,455.00
128.	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	15,500	Ft	1.65	25,575.00	1.90	29,450.00	1.65	25,575.00
129.	Plastic Drum, High Intensity, Furn	350	Ea	25.00	8,750.00	27.60	9,660.00	24.00	8,400.00
130.	Plastic Drum, High Intensity, Oper	350	Ea	0.01	3.50	0.01	3.50	0.01	3.50
131.	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	200	Ft	12.50	2,500.00	14.38	2,876.00	12.50	2,500.00



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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
132.	Sign Cover	12	Ea	100.00	1,200.00	74.75	897.00	25.00	300.00
133.	Sign, Portable, Changeable Message, Furn	2	Ea	4,000.00	8,000.00	5,750.00	11,500.00	5,000.00	10,000.00
134.	Sign, Portable, Changeable Message, Oper	2	Ea	0.01	0.02	0.01	0.02	0.01	0.02
135.	Sign, Type B, Temp, Prismatic, Furn	1,150	Sft	6.00	6,900.00	6.90	7,935.00	6.00	6,900.00
136.	Sign, Type B, Temp, Prismatic, Oper	1,150	Sft	0.01	11.50	0.01	11.50	0.01	11.50
137.	Sign, Type B, Temp, Prismatic, Special, Furn	45	Sft	7.00	315.00	13.80	621.00	12.00	540.00
138.	_ Sign, Type B, Temp, Prismatic, Special, Oper	45	Sft	0.01	0.45	0.01	0.45	0.01	0.45
139.	_ Traf Regulator Control	1	LS	171,000.00	171,000.00	48,305.75	48,305.75	25,100.00	25,100.00
140.	Bus Stop, Temp	13	Ea	750.00	9,750.00	1,150.00	14,950.00	400.00	5,200.00
141.	Turf Establishment, Performance	10,000	Syd	2.00	20,000.00	9.09	90,900.00	6.71	67,100.00
142.	Case Sign Panel	6	Ea	570.00	3,420.00	642.28	3,853.68	499.00	2,994.00
143.	Case Sign Panel, Rem	12	Ea	180.00	2,160.00	200.68	2,408.16	205.00	2,460.00
144.	Case Sign Panel, Salv	6	Ea	415.00	2,490.00	468.34	2,810.04	589.00	3,534.00
145.	TS Head, Temp	12	Ea	535.00	6,420.00	603.18	7,238.16	2,119.00	25,428.00
146.	TS Face, Bag	21	Ea	430.00	9,030.00	485.01	10,185.21	533.00	11,193.00
147.	_ TS Face, Bag, Rem	21	Ea	425.00	8,925.00	477.83	10,034.43	319.00	6,699.00
148.	_ Monument Box	4	Ea	450.00	1,800.00	862.50	3,450.00	1,012.17	4,048.68
149.	_ Irrigation Pipe	750	Ft	3.00	2,250.00	3.45	2,587.50	3.75	2,812.50
150.	_ Sprinkler Head	60	Ea	60.00	3,600.00	74.75	4,485.00	75.00	4,500.00
151.	_ Sprinkler Head, Adj	10	Ea	50.00	500.00	40.25	402.50	68.00	680.00
TOTAL AMOUNT BID				\$	4,868,635.06	\$	4,881,398.78	\$	4,985,163.84

* CORRECTED BY ENGINEER