



TABULATION OF BIDS

CITY OF FRASER
FRASER INDUSTRIAL DISTRICT S.A.D.
AEW PROJECT NO. 0190-0491

DATE: 5/28/2025
TIME: 10:00 AM

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

BIDDER RANKING

RANK	BIDDER'S NAME	TOTAL BID
1	Mark Anthony Contracting, Inc.	\$ 10,284,306.22
2	Florence Cement Company	\$ 10,488,191.17 *
3	Pamar Enterprises, Inc.	\$ 10,882,518.67
4	M. L. Chartier Excavating, Inc.	\$ 11,127,147.77
5	Angelo Iafrate Construction Company	\$ 13,970,937.83

* CORRECTED BY ENGINEER



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CITY OF FRASER
FRASER INDUSTRIAL DISTRICT S.A.D.
AEW PROJECT NO. 0190-0491

Mark Anthony Contracting, Inc.
4810 Old Plank Road
Milford, MI 48381

Florence Cement Company
51515 Corridor
Shelby Township, MI 48315

Pamar Enterprises, Inc.
31604 Pamar Court
New Haven, MI 48048

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1.	_Reimbursed Permit Fees	10,000	Dlr	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
2.	Mobilization, Max. \$1,130,000	1	LS	464,750.00	464,750.00	787,200.00	787,200.00	1,130,000.00	1,130,000.00
3.	Dr Structure, Rem	68	Ea	306.23	20,823.64	530.00	36,040.00	650.00	44,200.00
4.	Sewer, Rem, Less than 24 inch	1,697	Ft	15.12	25,658.64	29.00	49,213.00	22.00	37,334.00
5.	Sewer, Rem, 24 inch to 48 inch	50	Ft	62.20	3,110.00	700.00	35,000.00	28.00	1,400.00
6.	Curb and Gutter, Rem	196	Ft	11.13	2,181.48	19.00	3,724.00	18.00	3,528.00
7.	Masonry and Conc Structure, Rem	35	Cyd	26.25	918.75	85.00	2,975.00	100.00	3,500.00
8.	Pavt, Rem	62,861	Syd	6.40	402,310.40	7.20	452,599.20	6.00	377,166.00
9.	Sidewalk, Rem	191	Syd	12.85	2,454.35	15.00	2,865.00	5.00	955.00
10.	Exploratory Investigation, Vertical	100	Ft	82.49	8,249.00	150.00	15,000.00	100.00	10,000.00
11.	_Patio Blocks	28	Sft	98.36	2,754.08	10.00	280.00	40.00	1,120.00
12.	_Driveway, Rem	13,348	Syd	7.67	102,379.16	8.00	106,784.00	5.50	73,414.00
13.	Subgrade Undercutting, Type IV	1,135	Cyd	64.16	72,821.60	81.00	91,935.00	60.00	68,100.00
14.	_Station Grading	151	Sta	7,220.06	1,090,229.06	5,000.00	755,000.00	4,950.00	747,450.00
15.	Erosion Control, Inlet Protection, Fabric Drop	77	Ea	66.27	5,102.79	100.00	7,700.00	150.00	11,550.00
16.	Project Cleanup	1	LS	13,641.36	13,641.36	1,000.00	1,000.00	10,000.00	10,000.00
17.	Aggregate Base, 10 inch	66,403	Syd	12.43	825,389.29	11.30	750,353.90	14.00	929,642.00
18.	Maintenance Gravel	4,000	Ton	17.22	68,880.00	32.20	128,800.00	15.00	60,000.00
19.	Driveway Maintenance, Commercial	206	Ea	659.92	135,943.52	67.00	13,802.00	35.00	7,210.00
20.	Intersection Maintenance	8	Ea	565.00	4,520.00	520.00	4,160.00	100.00	800.00
21.	Geotextile, Stabilization	66,403	Syd	0.88	58,434.64	0.65	43,161.95	0.65	43,161.95
22.	Sewer, CI IV, 12 inch, Tr Det B	1,134	Ft	92.12	104,464.08	98.00	111,132.00	125.00	141,750.00
23.	Sewer, CI IV, 15 inch, Tr Det B	701	Ft	93.34	65,431.34	99.00	69,399.00	175.00	122,675.00
24.	Sewer, CI IV, 18 inch, Tr Det B	198	Ft	107.18	21,221.64	303.00	59,994.00	330.00	65,340.00



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Milford, MI 48381

Florence Cement Company
51515 Corridor
Shelby Township, MI 48315

Pamar Enterprises, Inc.
31604 Pamar Court
New Haven, MI 48048

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
25.	Sewer, CI IV, 24 inch, Tr Det B	16	Ft	187.49	2,999.84	550.00	8,800.00	556.00	8,896.00
26.	Sewer, CI IV, 30 inch, Tr Det B	26	Ft	223.15	5,801.90	560.00	14,560.00	751.00	19,526.00
27.	Sewer, CI IV, 36 inch, Tr Det B	6	Ft	518.56	3,111.36	6.00	36.00 *	2,450.00	14,700.00
28.	Sewer Tap, 12 inch	1	Ea	389.85	389.85	530.00	530.00	5,500.00	5,500.00
29.	Video Taping Sewer and Culv Pipe	2,100	Ft	2.26	4,746.00	4.55	9,555.00	1.65	3,465.00
30.	_Sewer, CI IV, 21 inch, Tr Det B	27	Ft	177.69	4,797.63	540.00	14,580.00	440.00	11,880.00
31.	_Sewer, CI IV, 42 inch, Tr Det B	6	Ft	600.48	3,602.88	3,870.00	23,220.00	2,635.00	15,810.00
32.	_Sewer, CI IV, 48 inch, Tr Det B	3	Ft	1,177.17	3,531.51	4,260.00	12,780.00	2,721.00	8,163.00
33.	_Sewer, Post-Construction, CCTV, 36 inch	316	Ft	2.26	714.16	30.00	9,480.00	2.00	632.00
34.	_Sewer, Pre-Construction, Clean and CCTV, 12 inch	1,350	Ft	6.78	9,153.00	12.00	16,200.00	4.50	6,075.00
35.	_Sewer, Pre-Construction, Clean and CCTV, 15 inch	1,250	Ft	6.78	8,475.00	14.00	17,500.00	4.50	5,625.00
36.	_Sewer, Pre-Construction, Clean and CCTV, 18 inch	1,200	Ft	9.04	10,848.00	16.00	19,200.00	5.00	6,000.00
37.	_Sewer, Pre-Construction, Clean and CCTV, 24 inch	2,200	Ft	9.04	19,888.00	20.00	44,000.00	6.50	14,300.00
38.	_Sewer, Pre-Construction, Clean and CCTV, 27 inch	675	Ft	11.87	8,012.25	25.00	16,875.00	7.50	5,062.50
39.	_Sewer, Pre-Construction, Clean and CCTV, 30 inch	2,500	Ft	11.87	29,675.00	25.00	62,500.00	8.50	21,250.00
40.	_Sewer, Pre-Construction, Clean and CCTV, 36 inch	850	Ft	20.34	17,289.00	30.00	25,500.00	10.00	8,500.00
41.	_Sewer, Pre-Construction, Clean and CCTV, 42 inch	2,500	Ft	20.34	50,850.00	35.00	87,500.00	15.00	37,500.00
42.	_Sewer, Pre-Construction, Clean and CCTV, 48 inch	550	Ft	20.34	11,187.00	45.00	24,750.00	17.00	9,350.00
43.	_Sewer, PVC, 6 inch, Tr Det A	16	Ft	97.35	1,557.60	93.00	1,488.00	450.00	7,200.00
44.	_Sewer, PVC, 6 inch, Tr Det B	12	Ft	129.51	1,554.12	115.00	1,380.00	425.00	5,100.00
45.	_Storm Sewer, CIPP Lining, 36 inch	316	Ft	508.50	160,686.00	364.00	115,024.00	485.00	153,260.00
46.	_Cut Service Lead Protrusions	50	Ea	197.75	9,887.50	175.00	8,750.00	55.00	2,750.00
47.	_Remove Mineral Deposit	50	Ea	197.75	9,887.50	150.00	7,500.00	55.00	2,750.00
48.	_Deliverables	1	LS	1.13	1.13	1.00	1.00	350.00	350.00



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Shelby Township, MI 48315

Pamar Enterprises, Inc.
31604 Pamar Court
New Haven, MI 48048

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
49.	Dr Structure Cover, Adj, Case 1	21	Ea	254.82	5,351.22	400.00	8,400.00	650.00	13,650.00
50.	Dr Structure Cover, Adj, Case 2	15	Ea	254.82	3,822.30	400.00	6,000.00	550.00	8,250.00
51.	Dr Structure, 48 inch dia	74	Ea	2,769.03	204,908.22	2,750.00	203,500.00	4,250.00	314,500.00
52.	Dr Structure, 60 inch dia	1	Ea	6,524.70	6,524.70	4,920.00	4,920.00	6,500.00	6,500.00
53.	Dr Structure, 72 inch dia	1	Ea	7,794.22	7,794.22	5,320.00	5,320.00	7,800.00	7,800.00
54.	Dr Structure, Adj, Add Depth	100	Ft	172.33	17,233.00	405.00	40,500.00	150.00	15,000.00
55.	Dr Structure, Tap, 12 inch	12	Ea	242.84	2,914.08	425.00	5,100.00	4,500.00	54,000.00
56.	Dr Structure, Tap, 15 inch	12	Ea	284.76	3,417.12	550.00	6,600.00	5,500.00	66,000.00
57.	Dr Structure, Tap, 18 inch	3	Ea	314.71	944.13	630.00	1,890.00	6,500.00	19,500.00
58.	Dr Structure, Tap, 24 inch	1	Ea	569.52	569.52	845.00	845.00	8,500.00	8,500.00
59.	_Catch Basin Cover, Fraser	75	Ea	582.99	43,724.25	600.00	45,000.00	785.00	58,875.00
60.	_External Structure Wrap, 18 inch	85	Ea	513.11	43,614.35	545.00	46,325.00	300.00	25,500.00
61.	_Sanitary Manhole Cover, Adj, Case 1	17	Ea	254.82	4,331.94	455.00	7,735.00	850.00	14,450.00
62.	_Sanitary Manhole Cover, Adj, Case 2	5	Ea	254.82	1,274.10	410.00	2,050.00	825.00	4,125.00
63.	_Storm Manhole Cover, Fraser	5	Ea	649.34	3,246.70	665.00	3,325.00	790.00	3,950.00
64.	_Storm Manhole Cover, MCPWO	1	Ea	721.74	721.74	730.00	730.00	785.00	785.00
65.	Underdrain, Subgrade, 6 inch	29,966	Ft	12.35	370,080.10	9.25	277,185.50	10.00	299,660.00
66.	Hand Patching	50	Ton	226.00	11,300.00	516.35	25,817.50	275.00	13,750.00
67.	Conc Pavt, Misc, Nonreinf, 7 inch	30	Syd	111.72	3,351.60	76.05	2,281.50	95.00	2,850.00
68.	Conc Pavt with Integral Curb, Nonreinf, 9 inch	63,820	Syd	54.43	3,473,722.60	55.40	3,535,628.00	55.00	3,510,100.00
69.	Joint, Expansion, E2	700	Ft	21.87	15,309.00	27.45	19,215.00	23.00	16,100.00
70.	Joint, Expansion, E3	10,300	Ft	9.14	94,142.00	6.00	61,800.00	10.00	103,000.00
71.	Joint, Plane-of-Weakness, W	54,000	Ft	1.19	64,260.00	2.15	116,100.00	1.05	56,700.00
72.	Pavt Gapping	5,000	Ft	5.65	28,250.00	5.90	29,500.00	5.00	25,000.00



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73.	Joint, Plane-of-Weakness, W, Intersection	1,500	Ft	1.19	1,785.00	2.20	3,300.00	1.05	1,575.00
74.	Joint, Expansion, Erg	200	Ft	16.02	3,204.00	16.25	3,250.00	17.00	3,400.00
75.	Lane Tie, Epoxy Anchored	150	Ea	14.69	2,203.50	12.75	1,912.50	15.00	2,250.00
76.	Non-Chloride Accelerator	200	Gal	1.13	226.00	9.90	1,980.00	1.00	200.00
77.	Driveway, Nonreinf Conc, 8 inch	12,835	Syd	53.47	686,287.45	69.35	890,107.25	61.68	791,662.80
78.	Defectable Warning Surface	45	Ft	45.20	2,034.00	57.00	2,565.00	45.32	2,039.40
79.	Curb Ramp Opening, Conc	60	Ft	16.95	1,017.00	25.00	1,500.00	12.09	725.40
80.	Sidewalk, Conc, 4 inch	1,384	Sft	6.86	9,494.24	7.65	10,587.60	7.34	10,158.56
81.	_Curb Ramp, Conc, 8 inch	390	Sft	10.07	3,927.30	14.55	5,674.50	11.37	4,434.30
82.	Post, Mailbox	84	Ea	226.00	18,984.00	180.00	15,120.00	200.00	16,800.00
83.	Guardrail, Type A, 72 inch Post	36	Ft	84.75	3,051.00	164.00	5,904.00	102.00	3,672.00
84.	Post, Steel, 3 pound	560	Ft	12.43	6,960.80	11.00	6,160.00	11.00	6,160.00
85.	Sign, Type III, Rem	39	Ea	11.30	440.70	10.00	390.00	10.00	390.00
86.	Sign, Type IIIA	261	Sft	22.04	5,752.44	19.50	5,089.50	19.50	5,089.50
87.	Sign, Type IIIB	41	Sft	22.04	903.64	19.50	799.50	19.50	799.50
88.	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	100	Ea	113.00	11,300.00	100.00	10,000.00	100.00	10,000.00
89.	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	100	Ea	0.01	1.00	0.01	1.00	0.01	1.00
90.	Pedestrian Type II Barricade, Temp	4	Ea	113.00	452.00	100.00	400.00	100.00	400.00
91.	Channelizing Device, 42 inch, Fluorescent, Furn	400	Ea	32.77	13,108.00	29.00	11,600.00	29.00	11,600.00
92.	Channelizing Device, 42 inch, Fluorescent, Oper	400	Ea	0.01	4.00	0.01	4.00	0.01	4.00
93.	Dust Palliative, Applied	50	Ton	22.60	1,130.00	541.00	27,050.00	300.00	15,000.00
94.	Lighted Arrow, Type C, Furn	2	Ea	791.00	1,582.00	700.00	1,400.00	700.00	1,400.00
95.	Lighted Arrow, Type C, Oper	2	Ea	0.01	0.02 *	0.01	0.02	0.01	0.02
96.	Minor Traf Devices	1	LS	35,821.00	35,821.00	10,000.00	10,000.00	157,500.00	157,500.00



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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
97.	Part Width Intersection Construction	8	Ea	1,356.00	10,848.00	200.00	1,600.00	500.00	4,000.00
98.	Plastic Drum, Fluorescent, Furn	100	Ea	36.16	3,616.00	32.00	3,200.00	32.00	3,200.00
99.	Plastic Drum, Fluorescent, Oper	100	Ea	0.01	1.00	0.01	1.00	0.01	1.00
100.	Sign, Type B, Temp, Prismatic, Furn	1,000	Sft	7.91	7,910.00	7.00	7,000.00	7.00	7,000.00
101.	Sign, Type B, Temp, Prismatic, Oper	1,000	Sft	0.01	10.00	0.01	10.00	0.01	10.00
102.	Sign, Type B, Temp, Prismatic, Spec, Furn	50	Sft	15.82	791.00	14.00	700.00	14.00	700.00
103.	Sign, Type B, Temp, Prismatic, Spec, Oper	50	Sft	0.01	0.50	0.01	0.50	0.01	0.50
104.	Traf Regulator Control	1	LS	565.00	565.00	1,000.00	1,000.00	10,000.00	10,000.00
105.	Sodding	11,000	Syd	8.76	96,360.00	7.75	85,250.00	10.25	112,750.00
106.	Topsoil Surface, Furn, 3 inch	11,000	Syd	4.80	52,800.00	7.20	79,200.00	11.10	122,100.00
107.	Water, Sodding/Seeding	377	Unit	22.60	8,520.20	20.00	7,540.00	0.12	45.24
108.	_Irrigation Pipe	10,000	Ft	6.78	67,800.00	2.62	26,200.00	0.03	300.00
109.	_Sprinkler Head	1,000	Ea	96.05	96,050.00	65.00	65,000.00	0.37	370.00
110.	_Fire Hydrant Assembly	5	Ea	12,158.80	60,794.00	6,616.70	33,083.50	10,000.00	50,000.00
111.	Gate Valve, 8 inch	3	Ea	9,040.00	27,120.00	4,053.70	12,161.10	5,500.00	16,500.00
112.	Gate Valve, 12 inch	2	Ea	12,204.00	24,408.00	1,880.50	3,761.00	7,000.00	14,000.00
113.	Gate Well, Rem	2	Ea	1,017.00	2,034.00	3,379.60	6,759.20	650.00	1,300.00
114.	Hydrant, Rem	3	Ea	1,017.00	3,051.00	422.50	1,267.50	650.00	1,950.00
115.	Water Main, DI, 6 inch, Tr Det G	180	Ft	175.15	31,527.00	144.00	25,920.00	134.00	24,120.00
116.	Water Main, DI, 8 inch, Tr Det F	835	Ft	186.45	155,685.75	124.60	104,041.00	135.00	112,725.00
117.	Water Main, DI, 8 inch, Tr Det G	655	Ft	206.79	135,447.45	190.45	124,744.75	155.00	101,525.00
118.	Water Main, DI, 12 inch, Tr Det F	67	Ft	248.60	16,656.20	173.05	11,594.35	195.00	13,065.00
119.	Water Main, DI, 12 inch, Tr Det G	52	Ft	271.20	14,102.40	223.65	11,629.80	225.00	11,700.00
120.	Water Serv	9	Ea	2,825.00	25,425.00	1,813.00	16,317.00	2,250.00	20,250.00



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121.	Water Serv, Long	7	Ea	4,294.00	30,058.00	5,147.45	36,032.15	3,850.00	26,950.00
122.	Gate Well, 60 inch dia	5	Ea	3,955.00	19,775.00	7,071.95	35,359.75	4,500.00	22,500.00
123.	Water Main Conflict, 8 inch	1	Ea	6,554.00	6,554.00	6,809.00	6,809.00	10,500.00	10,500.00
124.	_Water Main, DI, 4 inch, Tr Det G	180	Ft	175.15	31,527.00	151.50	27,270.00	129.00	23,220.00
125.	_Water Main, PVC, 8 inch, Pipe Burst	368	Ft	180.80	66,534.40	253.30	93,214.40	155.00	57,040.00
126.	_Gate Well Cover, Adj, Case 1	9	Ea	254.25	2,288.25	400.00	3,600.00	650.00	5,850.00
127.	_Gate Well Cover, Adj, Case 2	3	Ea	254.25	762.75	400.00	1,200.00	550.00	1,650.00
128.	_Gate Well Cover, Fraser	15	Ea	665.98	9,989.70	665.00	9,975.00	790.00	11,850.00
129.	_Water Main Connection, 4 inch	8	Ea	6,215.00	49,720.00	2,948.00	23,584.00	4,500.00	36,000.00
130.	_Water Main Connection, 6 inch	9	Ea	7,345.00	66,105.00	3,191.75	28,725.75	5,500.00	49,500.00
131.	_Water Main Connection, 8 inch	4	Ea	7,910.00	31,640.00	6,579.00	26,316.00	6,500.00	26,000.00
132.	_Water Main, Abandon	1	LS	8,475.00	8,475.00	8,370.00	8,370.00	2,500.00	2,500.00
133.	Sanitary Structure, 48 inch dia	1	Ea	3,754.64	3,754.64	4,280.00	4,280.00	8,500.00	8,500.00
134.	Sanitary Structure Cover, Type Q	1	Ea	721.74	721.74	760.00	760.00	900.00	900.00
135.	Sanitary Structure, Rem	1	Ea	471.21	471.21	1,125.00	1,125.00	1,000.00	1,000.00
136.	_Audio Visual Record of Construction Area	1	LS	3,616.00	3,616.00	3,200.00	3,200.00	3,200.00	3,200.00
TOTAL AMOUNT BID				\$	10,284,306.22	\$	10,488,191.17 *	\$	10,882,518.67

*** CORRECTED BY ENGINEER**



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M. L. Chartier Excavating, Inc.
9195 Marine City Highway
Fair Haven, MI 48023

Angelo lafrate Construction Company
26300 Sherwood
Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
1.	_Reimbursed Permit Fees	10,000	Dir	1.00	10,000.00	1.00	10,000.00
2.	Mobilization, Max. \$1,130,000	1	LS	1,092,500.00	1,092,500.00	1,020,000.00	1,020,000.00
3.	Dr Structure, Rem	68	Ea	495.00	33,660.00	500.00	34,000.00
4.	Sewer, Rem, Less than 24 inch	1,697	Ft	18.85	31,988.45	40.00	67,880.00
5.	Sewer, Rem, 24 inch to 48 inch	50	Ft	106.65	5,332.50	125.00	6,250.00
6.	Curb and Gutter, Rem	196	Ft	14.10	2,763.60	11.00	2,156.00
7.	Masonry and Conc Structure, Rem	35	Cyd	95.00	3,325.00	150.00	5,250.00
8.	Pavt, Rem	62,861	Syd	8.75	550,033.75	11.00	691,471.00
9.	Sidewalk, Rem	191	Syd	11.50	2,196.50	10.00	1,910.00
10.	Exploratory Investigation, Vertical	100	Ft	78.00	7,800.00	80.00	8,000.00
11.	_Patio Blocks	28	Sft	21.15	592.20	35.00	980.00
12.	_Driveway, Rem	13,348	Syd	12.45	166,182.60	12.50	166,850.00
13.	Subgrade Undercutting, Type IV	1,135	Cyd	67.15	76,215.25	100.00	113,500.00
14.	_Station Grading	151	Sta	7,300.00	1,102,300.00	4,500.00	679,500.00
15.	Erosion Control, Inlet Protection, Fabric Drop	77	Ea	98.00	7,546.00	200.00	15,400.00
16.	Project Cleanup	1	LS	1,500.00	1,500.00	20,000.00	20,000.00
17.	Aggregate Base, 10 inch	66,403	Syd	14.70	976,124.10	20.00	1,328,060.00
18.	Maintenance Gravel	4,000	Ton	27.50	110,000.00	50.00	200,000.00
19.	Driveway Maintenance, Commercial	206	Ea	1.00	206.00	900.00	185,400.00
20.	Intersection Maintenance	8	Ea	1,500.00	12,000.00	3,000.00	24,000.00
21.	Geotextile, Stabilization	66,403	Syd	1.05	69,723.15	2.25	149,406.75
22.	Sewer, CI IV, 12 inch, Tr Det B	1,134	Ft	109.00	123,606.00	135.00	153,090.00
23.	Sewer, CI IV, 15 inch, Tr Det B	701	Ft	114.50	80,264.50	150.00	105,150.00
24.	Sewer, CI IV, 18 inch, Tr Det B	198	Ft	144.95	28,700.10	200.00	39,600.00



TABULATION OF BIDS
CITY OF FRASER
FRASER INDUSTRIAL DISTRICT S.A.D.
AEW PROJECT NO. 0190-0491

M. L. Chartier Excavating, Inc.
9195 Marine City Highway
Fair Haven, MI 48023

Angelo Iafrate Construction Company
26300 Sherwood
Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
25.	Sewer, CI IV, 24 inch, Tr Det B	16	Ft	171.00	2,736.00	200.00	3,200.00
26.	Sewer, CI IV, 30 inch, Tr Det B	26	Ft	341.00	8,866.00	280.00	7,280.00
27.	Sewer, CI IV, 36 inch, Tr Det B	6	Ft	1,855.00	11,130.00	3,700.00	22,200.00
28.	Sewer Tap, 12 inch	1	Ea	885.00	885.00	450.00	450.00
29.	Video Taping Sewer and Culv Pipe	2,100	Ft	5.45	11,445.00	5.00	10,500.00
30.	_Sewer, CI IV, 21 inch, Tr Det B	27	Ft	322.70	8,712.90	1,000.00	27,000.00
31.	_Sewer, CI IV, 42 inch, Tr Det B	6	Ft	2,060.00	12,360.00	3,500.00	21,000.00
32.	_Sewer, CI IV, 48 inch, Tr Det B	3	Ft	2,149.00	6,447.00	4,000.00	12,000.00
33.	_Sewer, Post-Construction, CCTV, 36 inch	316	Ft	10.50	3,318.00	2.00	632.00
34.	_Sewer, Pre-Construction, Clean and CCTV, 12 inch	1,350	Ft	5.00	6,750.00	6.00	8,100.00
35.	_Sewer, Pre-Construction, Clean and CCTV, 15 inch	1,250	Ft	6.00	7,500.00	6.00	7,500.00
36.	_Sewer, Pre-Construction, Clean and CCTV, 18 inch	1,200	Ft	7.00	8,400.00	8.00	9,600.00
37.	_Sewer, Pre-Construction, Clean and CCTV, 24 inch	2,200	Ft	10.00	22,000.00	8.00	17,600.00
38.	_Sewer, Pre-Construction, Clean and CCTV, 27 inch	675	Ft	12.00	8,100.00	10.50	7,087.50
39.	_Sewer, Pre-Construction, Clean and CCTV, 30 inch	2,500	Ft	15.00	37,500.00	10.50	26,250.00
40.	_Sewer, Pre-Construction, Clean and CCTV, 36 inch	850	Ft	17.50	14,875.00	18.00	15,300.00
41.	_Sewer, Pre-Construction, Clean and CCTV, 42 inch	2,500	Ft	20.00	50,000.00	18.00	45,000.00
42.	_Sewer, Pre-Construction, Clean and CCTV, 48 inch	550	Ft	25.00	13,750.00	18.00	9,900.00
43.	_Sewer, PVC, 6 inch, Tr Det A	16	Ft	151.00	2,416.00	135.00	2,160.00
44.	_Sewer, PVC, 6 inch, Tr Det B	12	Ft	135.00	1,620.00	135.00	1,620.00
45.	_Storm Sewer, CIPP Lining, 36 inch	316	Ft	485.00	153,260.00	350.00	110,600.00
46.	_Cut Service Lead Protrusions	50	Ea	200.00	10,000.00	175.00	8,750.00
47.	_Remove Mineral Deposit	50	Ea	200.00	10,000.00	175.00	8,750.00
48.	_Deliverables	1	LS	5,000.00	5,000.00	11,000.00	11,000.00



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Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
49.	Dr Structure Cover, Adj, Case 1	21	Ea	895.00	18,795.00	725.00	15,225.00
50.	Dr Structure Cover, Adj, Case 2	15	Ea	480.00	7,200.00	675.00	10,125.00
51.	Dr Structure, 48 inch dia	74	Ea	2,750.00	203,500.00	2,350.00	173,900.00
52.	Dr Structure, 60 inch dia	1	Ea	5,130.00	5,130.00	4,750.00	4,750.00
53.	Dr Structure, 72 inch dia	1	Ea	6,015.00	6,015.00	11,000.00	11,000.00
54.	Dr Structure, Adj, Add Depth	100	Ft	0.01	1.00	300.00	30,000.00
55.	Dr Structure, Tap, 12 inch	12	Ea	545.00	6,540.00	1,200.00	14,400.00
56.	Dr Structure, Tap, 15 inch	12	Ea	610.00	7,320.00	1,350.00	16,200.00
57.	Dr Structure, Tap, 18 inch	3	Ea	855.00	2,565.00	1,450.00	4,350.00
58.	Dr Structure, Tap, 24 inch	1	Ea	930.00	930.00	1,800.00	1,800.00
59.	_Catch Basin Cover, Fraser	75	Ea	620.00	46,500.00	610.00	45,750.00
60.	_External Structure Wrap, 18 inch	85	Ea	1.00	85.00	635.00	53,975.00
61.	_Sanitary Manhole Cover, Adj, Case 1	17	Ea	895.00	15,215.00	500.00	8,500.00
62.	_Sanitary Manhole Cover, Adj, Case 2	5	Ea	625.00	3,125.00	420.00	2,100.00
63.	_Storm Manhole Cover, Fraser	5	Ea	690.00	3,450.00	660.00	3,300.00
64.	_Storm Manhole Cover, MCPWO	1	Ea	805.00	805.00	750.00	750.00
65.	Underdrain, Subgrade, 6 inch	29,966	Ft	14.75	441,998.50	15.00	449,490.00
66.	Hand Patching	50	Ton	400.00	20,000.00	150.00	7,500.00
67.	Conc Pavt, Misc, Nonreinf, 7 inch	30	Syd	95.00	2,850.00	106.00	3,180.00
68.	Conc Pavt with Integral Curb, Nonreinf, 9 inch	63,820	Syd	54.00	3,446,280.00	70.00	4,467,400.00
69.	Joint, Expansion, E2	700	Ft	23.00	16,100.00	22.00	15,400.00
70.	Joint, Expansion, E3	10,300	Ft	10.00	103,000.00	8.50	87,550.00
71.	Joint, Plane-of-Weakness, W	54,000	Ft	1.05	56,700.00	4.00	216,000.00
72.	Pavt Gapping	5,000	Ft	1.00	5,000.00	81.00	405,000.00



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Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
73.	Joint, Plane-of-Weakness, W, Intersection	1,500	Ft	1.05	1,575.00	5.00	7,500.00
74.	Joint, Expansion, Erg	200	Ft	17.00	3,400.00	42.00	8,400.00
75.	Lane Tie, Epoxy Anchored	150	Ea	15.00	2,250.00	16.00	2,400.00
76.	Non-Chloride Accelerator	200	Gal	1.00	200.00	120.00	24,000.00
77.	Driveway, Nonreinf Conc, 8 inch	12,835	Syd	56.00	718,760.00	79.00	1,013,965.00
78.	Detectable Warning Surface	45	Ft	45.00	2,025.00	55.00	2,475.00
79.	Curb Ramp Opening, Conc	60	Ft	12.00	720.00	36.00	2,160.00
80.	Sidewalk, Conc, 4 inch	1,384	Sft	7.00	9,688.00	9.97	13,798.48
81.	_Curb Ramp, Conc, 8 inch	390	Sft	11.00	4,290.00	30.00	11,700.00
82.	Post, Mailbox	84	Ea	185.00	15,540.00	350.00	29,400.00
83.	Guardrail, Type A, 72 inch Post	36	Ft	102.00	3,672.00	164.00	5,904.00
84.	Post, Steel, 3 pound	560	Ft	11.00	6,160.00	11.00	6,160.00
85.	Sign, Type III, Rem	39	Ea	10.00	390.00	10.00	390.00
86.	Sign, Type IIIA	261	Sft	19.50	5,089.50	19.50	5,089.50
87.	Sign, Type IIIB	41	Sft	19.50	799.50	19.50	799.50
88.	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	100	Ea	100.00	10,000.00	100.00	10,000.00
89.	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	100	Ea	0.01	1.00	0.01	1.00
90.	Pedestrian Type II Barricade, Temp	4	Ea	100.00	400.00	100.00	400.00
91.	Channelizing Device, 42 inch, Fluorescent, Furn	400	Ea	29.00	11,600.00	29.00	11,600.00
92.	Channelizing Device, 42 inch, Fluorescent, Oper	400	Ea	0.01	4.00	0.01	4.00
93.	Dust Palliative, Applied	50	Ton	21.35	1,067.50	475.00	23,750.00
94.	Lighted Arrow, Type C, Furn	2	Ea	700.00	1,400.00	700.00	1,400.00
95.	Lighted Arrow, Type C, Oper	2	Ea	0.01	0.02	0.01	0.02
96.	Minor Traf Devices	1	LS	20,000.00	20,000.00	45,000.00	45,000.00



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Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
97.	Part Width Intersection Construction	8	Ea	150.00	1,200.00	2,500.00	20,000.00
98.	Plastic Drum, Fluorescent, Furn	100	Ea	32.00	3,200.00	32.00	3,200.00
99.	Plastic Drum, Fluorescent, Oper	100	Ea	0.01	1.00	0.01	1.00
100.	Sign, Type B, Temp, Prismatic, Furn	1,000	Sft	7.00	7,000.00	7.00	7,000.00
101.	Sign, Type B, Temp, Prismatic, Oper	1,000	Sft	0.01	10.00	0.01	10.00
102.	Sign, Type B, Temp, Prismatic, Spec, Furn	50	Sft	14.00	700.00	14.00	700.00
103.	Sign, Type B, Temp, Prismatic, Spec, Oper	50	Sft	0.01	0.50	0.01	0.50
104.	Traf Regulator Control	1	LS	27,500.00	27,500.00	75,000.00	75,000.00
105.	Sodding	11,000	Syd	7.75	85,250.00	12.95	142,450.00
106.	Topsoil Surface, Furn, 3 inch	11,000	Syd	4.25	46,750.00	7.10	78,100.00
107.	Water, Sodding/Seeding	377	Unit	20.00	7,540.00	79.54	29,986.58
108.	_Irrigation Pipe	10,000	Ft	5.00	50,000.00	8.00	80,000.00
109.	_Sprinkler Head	1,000	Ea	75.00	75,000.00	85.00	85,000.00
110.	_Fire Hydrant Assembly	5	Ea	9,500.00	47,500.00	7,500.00	37,500.00
111.	Gate Valve, 8 inch	3	Ea	3,200.00	9,600.00	2,850.00	8,550.00
112.	Gate Valve, 12 inch	2	Ea	4,300.00	8,600.00	4,500.00	9,000.00
113.	Gate Well, Rem	2	Ea	800.00	1,600.00	500.00	1,000.00
114.	Hydrant, Rem	3	Ea	900.00	2,700.00	500.00	1,500.00
115.	Water Main, DI, 6 inch, Tr Det G	180	Ft	154.00	27,720.00	200.00	36,000.00
116.	Water Main, DI, 8 inch, Tr Det F	835	Ft	135.00	112,725.00	150.00	125,250.00
117.	Water Main, DI, 8 inch, Tr Det G	655	Ft	154.00	100,870.00	150.00	98,250.00
118.	Water Main, DI, 12 inch, Tr Det F	67	Ft	187.00	12,529.00	225.00	15,075.00
119.	Water Main, DI, 12 inch, Tr Det G	52	Ft	250.00	13,000.00	230.00	11,960.00
120.	Water Serv	9	Ea	1,500.00	13,500.00	3,400.00	30,600.00



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121.	Water Serv, Long	7	Ea	3,800.00	26,600.00	8,000.00	56,000.00
122.	Gate Well, 60 inch dia	5	Ea	3,100.00	15,500.00	6,000.00	30,000.00
123.	Water Main Conflict, 8 inch	1	Ea	4,500.00	4,500.00	4,000.00	4,000.00
124.	_Water Main, DI, 4 inch, Tr Det G	180	Ft	164.00	29,520.00	190.00	34,200.00
125.	_Water Main, PVC, 8 inch, Pipe Burst	368	Ft	224.00	82,432.00	400.00	147,200.00
126.	_Gate Well Cover, Adj, Case 1	9	Ea	894.27	8,048.43	650.00	5,850.00
127.	_Gate Well Cover, Adj, Case 2	3	Ea	714.39	2,143.17	425.00	1,275.00
128.	_Gate Well Cover, Fraser	15	Ea	692.47	10,387.05	950.00	14,250.00
129.	_Water Main Connection, 4 inch	8	Ea	5,500.00	44,000.00	2,500.00	20,000.00
130.	_Water Main Connection, 6 inch	9	Ea	5,500.00	49,500.00	3,650.00	32,850.00
131.	_Water Main Connection, 8 inch	4	Ea	7,500.00	30,000.00	4,500.00	18,000.00
132.	_Water Main, Abandon	1	LS	10,000.00	10,000.00	8,500.00	8,500.00
133.	Sanitary Structure, 48 inch dia	1	Ea	4,635.00	4,635.00	3,250.00	3,250.00
134.	Sanitary Structure Cover, Type Q	1	Ea	1,230.00	1,230.00	705.00	705.00
135.	Sanitary Structure, Rem	1	Ea	1,190.00	1,190.00	250.00	250.00
136.	_Audio Visual Record of Construction Area	1	LS	3,200.00	3,200.00	3,200.00	3,200.00
TOTAL AMOUNT BID				\$	11,127,147.77	\$	13,970,937.83

*** CORRECTED BY ENGINEER**