

					ENGINEER'S ESTIMATE		The Isabella Corporation 2201 Commerce Dr. Mt. Pleasant, MI 48858		Bailey Excavating, Inc. 1073 Toro Drive Jackson, MI 49201		ET Mackenize Company 4248 W. Saginaw Hwy. Grand Ledge, MI 48837		Davenport Brothers Construction Co., Inc. 301 Industrial Park Dr. Belleville, MI 48111-2901	
Line	Pay Item	Description	Unit	Total Estimated Quantity	Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)
1	1500001	Mobilization, Max (10%)	1	LSUM	\$ 42,000.00	42,000.00	48,570.50	48,570.50	50,000.00	50,000.00	30,975.00	30,975.00	79,441.93	79,441.93
2	2030015	Sewer, Rem, Less than 24 inch	19	Ft	\$ 12.00	228.00	25.00	475.00	31.24	593.56	49.90	948.10	50.00	950.00
3	2040020	Curb and Gutter, Rem	445	Ft	\$ 8.50	3,782.50	10.00	4,450.00	11.31	5,032.95	6.10	2,714.50	25.00	11,125.00
4	2040055	Sidewalk, Rem	21	Syd	\$ 10.00	210.00	12.00	252.00	12.10	254.10	16.95	355.95	35.00	735.00
5	2040080	Exploratory Investigation, Vertical	5	Ft	\$ 25.00	125.00	25.00	125.00	775.00	3,875.00	157.50	787.50	1,000.00	5,000.00
6	2047001	Pavt Sawcut	362	Ft	\$ 2.70	977.40	3.00	1,086.00	4.65	1,683.30	4.50	1,629.00	8.50	3,077.00
7	2047011	Driveway Rem	77	Syd	\$ 10.00	770.00	12.00	924.00	14.21	1,094.17	12.15	935.55	19.00	1,463.00
8	2047011	HMA Surface, Rem, Modified	2568	Syd	\$ 7.00	17,976.00	6.00	15,408.00	14.64	37,595.52	4.80	12,326.40	19.32	49,613.76
9	2047011	Pavt, Rem, Modified	642	Syd	\$ 8.00	5,136.00	12.00	7,704.00	12.49	8,018.58	7.10	4,558.20	16.50	10,593.00
10	2050031	Non Haz Contaminated Material Handling and Disposal, LM	5	Cyd	\$ 80.00	400.00	150.00	750.00	155.00	775.00	844.15	4,220.75	300.00	1,500.00
11	2057011	Subgrade Undercutting, 1 x 3	25	Cyd	\$ 60.00	1,500.00	50.00	1,250.00	75.00	1,875.00	141.80	3,545.00	125.00	3,125.00
12	2057021	Geogrid	50	Syd	\$ 3.00	150.00	7.00	350.00	7.35	367.50	18.55	927.50	10.00	500.00
13	2057051	Site Grading	1	LSUM	\$ 10,000.00	10,000.00	15,000.00	15,000.00	20,000.00	20,000.00	18,300.00	18,300.00	65,000.00	65,000.00
14	2087050	Erosion Control, Inlet Protection, Grate Filter, Round	7	Ea	\$ 100.00	700.00	150.00	1,050.00	75.00	525.00	159.75	1,118.25	125.00	875.00
15	2087050	Erosion Control, Inlet Protection, Sediment Trap	8	Ea	\$ 100.00	800.00	150.00	1,200.00	125.00	1,000.00	159.75	1,278.00	200.00	1,600.00
16	2090001	Project Cleanup	1	LSUM	\$ 2,000.00	2,000.00	3,000.00	3,000.00	5,000.00	5,000.00	11,339.00	11,339.00	9,000.00	9,000.00
17	3027011	Aggregate Base, 8 inch, 21AA, Modified	3315	Syd	\$ 10.00	33,150.00	13.70	45,415.50	14.75	48,896.25	25.30	83,869.50	20.00	66,300.00
18	3060020	Maintenance Gravel	10	Ton	\$ 35.00	350.00	40.00	400.00	27.50	275.00	65.15	651.50	35.00	350.00
19	4021230	Sewer Bulkhead, 12 inch	6	Ea	\$ 250.00	1,500.00	250.00	1,500.00	475.00	2,850.00	169.70	1,018.20	750.00	4,500.00
20	4021260	Trench Undercut and Backfill	20	Cyd	\$ 53.00	1,060.00	45.00	900.00	55.00	1,100.00	189.50	3,790.00	75.00	1,500.00
21	4027001	Sewer Backfill, Class II	154	Ft	\$ 15.50	2,387.00	22.00	3,388.00	34.67	5,339.18	13.70	2,109.80	100.00	15,400.00
22	4027001	Sewer, CI E, 12 inch	154	Ft	\$ 95.00	14,630.00	65.00	10,010.00	74.42	11,460.68	95.10	14,645.40	100.00	15,400.00
23	4027050	Catch Basin, 48 inch dia	3	Ea	\$ 2,000.00	6,000.00	4,000.00	12,000.00	1650.00	4,950.00	2762.00	8,286.00	2350.00	7,050.00
24	4030280	Dr Structure, Adj, Add Depth	1	Ft	\$ 145.00	145.00	200.00	200.00	1250.00	1,250.00	121.85	121.85	2000.00	2,000.00
25	4030312	Dr Structure, Tap, 12 inch	2	Ea	\$ 700.00	1,400.00	500.00	1,000.00	625.00	1,250.00	2248.40	4,496.80	1000.00	2,000.00
26	4037050	Catch Basin Cover, Curb	1	Ea	\$ 675.00	675.00	800.00	800.00	825.00	825.00	1315.85	1,315.85	1500.00	1,500.00
27	4037050	Catch Basin Cover, Drive	5	Ea	\$ 750.00	3,750.00	750.00	3,750.00	625.00	3,125.00	2194.50	10,972.50	950.00	4,750.00
28	4037050	Mh Cover, Std	3	Ea	\$ 540.00	1,620.00	575.00	1,725.00	625.00	1,875.00	1604.50	4,813.50	1000.00	3,000.00
29	4037050	Monitoring Well Cover, Adj, Case 1	7	Ea	\$ 300.00	2,100.00	300.00	2,100.00	625.00	4,375.00	1190.75	8,335.25	1000.00	7,000.00
30	4037050	Utility Structure, Temp Lowering, Modified	7	Ea	\$ 300.00	2,100.00	200.00	1,400.00	525.00	3,675.00	642.40	4,496.80	1000.00	7,000.00
31	4037050	Utility Structure Cover, Adj, Case 1, Modified	10	Ea	\$ 600.00	6,000.00	700.00	7,000.00	775.00	7,750.00	477.85	4,778.50	1200.00	12,000.00

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					Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)
32	5010025	Hand Patching	44	Ton	\$ 180.00	7,920.00	250.00	11,000.00	250.00	11,000.00	259.70	11,426.80	400.00	17,600.00
33	6020019	Conc Base Cse, Nonreinf, 8 inch	23	Syd	\$ 35.00	805.00	58.00	1,334.00	52.80	1,214.40	174.30	4,008.90	95.00	2,185.00
34	6020200	Joint, Contraction, Cp	4482	Ft	\$ 10.00	44,820.00	12.00	53,784.00	22.00	98,604.00	24.35	109,136.70	2.00	8,964.00
35	6020207	Joint, Expansion, E2	272	Ft	\$ 15.00	4,080.00	25.00	6,800.00	19.80	5,385.60	30.00	8,160.00	20.00	5,440.00
36	6020104	Conc Pavt, Nonreinf, 8 inch	3021	Syd	\$ 62.00	187,302.00	58.00	175,218.00	61.82	186,758.22	81.90	247,419.90	100.00	302,100.00
37	8010007	Driveway, Nonreinf Conc, 8 inch	63	Syd	\$ 60.00	3,780.00	58.00	3,654.00	52.80	3,326.40	85.75	5,402.25	95.00	5,985.00
38	8020050	Driveway Opening, Conc, Det M	193	Ft	\$ 22.00	4,246.00	23.00	4,439.00	28.60	5,519.80	37.70	7,276.10	43.75	8,443.75
39	8027001	Curb and Gutter, Conc, Det F4, Modified	380	Ft	\$ 17.00	6,460.00	23.00	8,740.00	26.40	10,032.00	42.55	16,169.00	43.75	16,625.00
40	8027001	Curb and Gutter, Conc, Double Sided	240	Ft	\$ 25.00	6,000.00	43.00	10,320.00	39.60	9,504.00	56.25	13,500.00	62.50	15,000.00
41	8030048	Sidewalk, Conc, 8 inch	184	Sft	\$ 10.00	1,840.00	5.75	1,058.00	6.60	1,214.40	13.50	2,484.00	11.25	2,070.00
42	8110204	Pavt, Mrkg, Preformed Thermopl, Accessible Sym	1	Ea	\$ 400.00	400.00	550.00	550.00	575.00	575.00	427.75	427.75	250.00	250.00
43	8110231	Pavt Mrkg, Waterborne, 4 inch, White	561	Ft	\$ 1.00	561.00	4.00	2,244.00	0.75	420.75	0.45	252.45	1.50	841.50
44	8110293	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	18	Ft	\$ 5.00	90.00	4.00	72.00	0.75	13.50	0.50	9.00	1.50	27.00
45	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	2	Ea	\$ 95.00	190.00	400.00	800.00	122.50	245.00	71.55	143.10	127.65	255.30
46	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	2	Ea	\$ 5.00	10.00	100.00	200.00	3.30	6.60	3.20	6.40	4.00	8.00
47	8120035	Channelizing Device, 42 inch, Fluorescent, Furn	100	Ea	\$ 18.00	1,800.00	35.00	3,500.00	21.12	2,112.00	12.75	1,275.00	22.00	2,200.00
48	8120036	Channelizing Device, 42 inch, Fluorescent, Oper	100	Ea	\$ 1.00	100.00	10.00	1,000.00	1.32	132.00	0.65	65.00	1.38	138.00
49	8120140	Lighted Arrow, Type C, Furn	1	Ea	\$ 350.00	350.00	500.00	500.00	727.00	727.00	477.00	477.00	759.00	759.00
50	8120141	Lighted Arrow, Type C, Oper	1	Ea	\$ 40.00	40.00	100.00	100.00	67.00	67.00	31.80	31.80	69.00	69.00
51	8120170	Minor Traf Devices	1	LSUM	\$ 1,000.00	1,000.00	5,000.00	5,000.00	5000.00	5,000.00	1838.00	1,838.00	10000.00	10,000.00
52	8120350	Sign, Type B, Temp, Prismatic, Furn	112	Sft	\$ 5.25	588.00	4.00	448.00	3.96	443.52	2.95	330.40	4.25	476.00
53	8120351	Sign, Type B, Temp, Prismatic, Oper	112	Sft	\$ 0.75	84.00	1.00	112.00	0.50	56.00	0.30	33.60	0.50	56.00
54	8120370	Traf Regulator Control	1	LSUM	\$ 1,000.00	1,000.00	1,500.00	1,500.00	2500.00	2,500.00	3676.65	3,676.65	6000.00	6,000.00
55	8167011	Turf Establishment, Performance	172	Syd	\$ 8.00	1,376.00	12.00	2,064.00	7.72	1,327.84	38.00	6,536.00	10.00	1,720.00
56	8230391	Gate Box, Adj, Temp, Case 1	2	Ea	\$ 300.00	600.00	300.00	600.00	375.00	750.00	619.00	1,238.00	650.00	1,300.00
57	8237050	Gate Box, Adj, Case 1, Modified	3	Ea	\$ 400.00	1,200.00	470.00	1,410.00	500.00	1,500.00	619.00	1,857.00	800.00	2,400.00
58	8237001	Hydrant Extension	2	Ft	\$ 700.00	1,400.00	625.00	1,250.00	450.00	900.00	780.00	1,560.00	750.00	1,500.00
59	8237001	Water Main Backfill, Class II	80	Ft	\$ 17.50	1,400.00	25.00	2,000.00	30.30	2,424.00	19.25	1,540.00	50.00	4,000.00
60	8237001	Water Main, 6 inch	80	Ft	\$ 80.00	6,400.00	85.00	6,800.00	86.94	6,955.20	106.80	8,544.00	125.00	10,000.00

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61	8237001	Water Main, Rem	50	Ft	\$ 20.00	1,000.00	15.00	750.00	34.61	1,730.50	54.55	2,727.50	100.00	5,000.00
62	8237050	Hydrant Assembly	2	Ea	\$ 5,000.00	10,000.00	5,500.00	11,000.00	5862.18	11,724.36	5923.70	11,847.40	8500.00	17,000.00
63	8237050	Hydrant, Rem, Modified	3	Ea	\$ 455.00	1,365.00	800.00	2,400.00	1150.00	3,450.00	495.85	1,487.55	1800.00	5,400.00
64	8237050	Water Main, Connect New 6 inch to Existing 6 inch	2	Ea	\$ 2,500.00	5,000.00	3,000.00	6,000.00	4500.00	9,000.00	2293.30	4,586.60	7000.00	14,000.00
65	8267030	Water Main Fittings, DI	100	Lb	\$ 5.50	550.00	11.70	1,170.00	9.95	995.00	5.38	538.00	30.00	3,000.00
66	8267050	Bollard, Rem	20	Ea	\$ 250.00	5,000.00	50.00	1,000.00	275.00	5,500.00	105.70	2,114.00	425.00	8,500.00
67	8267050	Bollard, Steel, 8 inch, Special	10	Ea	\$ 1,100.00	11,000.00	1,500.00	15,000.00	775.00	7,750.00	1036.00	10,360.00	120.00	1,200.00
						483,378.90		537,000.00		635,549.88		738,146.00		873,861.24