

Line	Pay Item	Description	Unit	Total Estimated Quantity	ENGINEER'S ESTIMATE		Dunigan Brothers, Inc. 911 E. South Street Jackson, MI 49203		Bailey Excavating, Inc. 1073 Toro Drive Jackson, MI 49201		Hoffman Brothers, Inc. 8574 Verona Rd. Battle Creek, MI 49014-8404	
					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. \$160,000.00	LSUM	1.00	160,000.00	160,000.00	71,570.00	71,570.00	120,000.00	120,000.00	160,000.00	160,000.00
2	2030011	Dr Structure, Rem	Ea	4.00	390.00	1,560.00	257.00	1,028.00	455.00	1,820.00	292.00	1,168.00
3	2030015	Sewer, Rem, Less than 24 inch	Ft	153.00	21.50	3,289.50	17.50	2,677.50	29.46	4,507.38	18.95	2,899.35
4	2040020	Curb and Gutter, Rem	Ft	2,792.00	6.25	17,450.00	4.30	12,005.60	9.19	25,658.48	4.12	11,503.04
5	2040021	Curb, Rem	Ft	201.00	7.50	1,507.50	3.40	683.40	8.31	1,670.31	5.25	1,055.25
6	2040045	Masonry and Conc Structure, Rem	Cyd	20.00	82.00	1,640.00	36.20	724.00	89.20	1,784.00	67.80	1,356.00
7	2040055	Sidewalk, Rem	Syd	1,419.00	10.00	14,190.00	4.30	6,101.70	10.83	15,367.77	8.91	12,643.29
8	2040080	Exploratory Investigation, Vertical	Ft	30.00	66.00	1,980.00	45.20	1,356.00	175.00	5,250.00	28.80	864.00
9	2047001	Pavt Sawcut	Ft	589.00	2.70	1,590.30	2.20	1,295.80	5.15	3,033.35	0.01	5.89
10	2047011	Driveway Rem	Syd	552.00	10.00	5,520.00	4.30	2,373.60	11.64	6,425.28	14.00	7,728.00
11	2047011	HMA Surface, Rem, Modified	Syd	4,879.00	8.50	41,471.50	3.90	19,028.10	5.73	27,956.67	5.31	25,907.49
12	2050010	Embankment, CIP	Cyd	2.00	15.00	30.00	21.30	42.60	100.00	200.00	25.00	50.00
13	2050016	Excavation, Earth	Cyd	69.00	8.50	586.50	12.40	855.60	46.83	3,231.27	24.50	1,690.50
14	2057001	Earth Sawcut	Ft	80.00	10.00	800.00	0.01	0.80	5.31	424.80	11.15	892.00
15	2057002	Roadway Grading, Special	Sta	10.00	4,100.00	41,000.00	4,040.00	40,400.00	3,410.00	34,100.00	6,092.00	60,920.00
16	2057011	Subgrade Undercutting, 1 x 3	Syd	200.00	60.00	12,000.00	20.00	4,000.00	69.33	13,866.00	52.10	10,420.00
17	2057021	Geogrid	Cyd	602.00	3.00	1,806.00	2.30	1,384.60	6.20	3,732.40	2.74	1,649.48
18	2057050	Tree Preservation	Ea	1.00	2,400.00	2,400.00	1,750.00	1,750.00	2,550.00	2,550.00	554.60	554.60
19	2080016	Erosion Control, Gravel Access Approach	Ea	3.00	1,100.00	3,300.00	225.70	677.10	3,450.00	10,350.00	585.90	1,757.70
20	2087050	Erosion Control, Inlet Protection, Grate Filter, Rectangular	Ea	25.00	100.00	2,500.00	91.10	2,277.50	270.00	6,750.00	121.60	3,040.00
21	2087050	Erosion Control, Inlet Protection, Sedment Trap, Round	Ea	12.00	125.00	1,500.00	91.10	1,093.20	255.00	3,060.00	120.40	1,444.80
22	2090001	Project Cleanup	LSUM	1.00	10,000.00	10,000.00	5,440.00	5,440.00	10,000.00	10,000.00	2,031.00	2,031.00
23	3027011	Aggregate Base, 8 inch, 21AA, Modified	Syd	6,131.00	14.00	85,834.00	15.50	95,030.50	12.75	78,170.25	11.05	67,747.55
24	4021260	Trench Undercut and Backfill	Cyd	50.00	53.00	2,650.00	49.80	2,490.00	52.30	2,615.00	61.10	3,055.00
25	4027001	Sewer Backfill, Class II	Ft	153.00	15.50	2,371.50	0.01	1.53	37.12	5,679.36	25.90	3,962.70
26	4027001	Sewer, CI E, 12 inch	Ft	93.00	68.00	6,324.00	97.20	9,039.60	88.03	8,186.79	62.55	5,817.15
27	4027001	Sewer, DI, 8 inch	Ft	60.00	85.00	5,100.00	123.50	7,410.00	97.60	5,856.00	67.25	4,035.00
28	4027050	Sewer Lateral Repair	Ea	15.00	450.00	6,750.00	175.00	2,625.00	495.00	7,425.00	338.50	5,077.50
29	4030005	Dr Structure Cover, Adj, Case 1	Ea	51.00	575.00	29,325.00	454.10	23,159.10	615.00	31,365.00	474.70	24,209.70
30	4030006	Dr Structure Cover, Adj, Case 2	Ea	5.00	550.00	2,750.00	454.10	2,270.50	575.00	2,875.00	280.80	1,404.00
31	4030280	Dr Structure, Adj, Add Depth	Ft	4.00	145.00	580.00	112.90	451.60	275.00	1,100.00	205.60	822.40

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32	4030312	Dr Structure, Tap, 12 inch	Ea	5.00	520.00	2,600.00	451.50	2,257.50	925.00	4,625.00	257.00	1,285.00
33	4037050	Catch Basin Cover, Curb	Ea	26.00	675.00	17,550.00	739.60	19,229.60	815.00	21,190.00	592.00	15,392.00
34	4037050	Catch Basin, 24 inch dia	Ea	2.00	1,500.00	3,000.00	1,820.00	3,640.00	1,320.00	2,640.00	1,244.00	2,488.00
35	4037050	Catch Basin, 48 inch dia	Ea	4.00	2,000.00	8,000.00	2,600.00	10,400.00	1,750.00	7,000.00	1,434.00	5,736.00
36	4037050	Dr Structure, Temp Lowering, Modified	Ea	46.00	325.00	14,950.00	231.10	10,630.60	225.00	10,350.00	0.01	0.46
37	4037050	Mh Cover, Std	Ea	27.00	540.00	14,580.00	478.90	12,930.30	625.00	16,875.00	343.40	9,271.80
38	4037050	Storm Manhole, 48 inch dia	Ea	1.00	2,200.00	2,200.00	2,600.00	2,600.00	1,825.00	1,825.00	1,734.00	1,734.00
39	5010025	Hand Patching	Ton	109.00	180.00	19,620.00	190.40	20,753.60	162.75	17,739.75	217.70	23,729.30
40	5010033	HMA, 13A	Ton	1,717.00	90.00	154,530.00	84.70	145,429.90	92.60	158,994.20	82.10	140,965.70
41	8010005	Driveway, Nonreinf Conc, 6 inch	Syd	577.00	48.50	27,984.50	32.60	18,810.20	31.50	18,175.50	33.50	19,329.50
42	8020002	Curb, Conc, Det E2	Ft	50.00	25.00	1,250.00	27.20	1,360.00	26.25	1,312.50	33.15	1,657.50
43	8027001	Curb and Gutter, Conc, Det F4, Modified	Ft	2,612.00	17.00	44,404.00	14.70	38,396.40	16.18	42,262.16	17.70	46,232.40
44	8030010	Detectable Warning Surface	Ft	26.00	35.00	910.00	34.00	884.00	32.81	853.06	34.90	907.40
45	8030030	Curb Ramp Opening, Conc	Ft	263.00	25.00	6,575.00	19.60	5,154.80	18.90	4,970.70	23.60	6,206.80
46	8030036	Sidewalk Ramp, Conc, 6 inch	Sft	1,418.00	7.75	10,989.50	5.40	7,657.20	5.25	7,444.50	6.28	8,905.04
47	8030044	Sidewalk, Conc, 4 inch	Sft	8,104.00	4.50	36,468.00	3.40	27,553.60	3.26	26,419.04	3.96	32,091.84
48	8030046	Sidewalk, Conc, 6 inch	Sft	4,148.00	7.75	32,147.00	3.50	14,518.00	3.41	14,144.68	4.12	17,089.76
49	8030100	Steps, Conc	Cyd	15.00	125.00	1,875.00	489.70	7,345.50	475.00	7,125.00	560.30	8,404.50
50	8060020	Shared use Path, Conc	Syd	604.00	7.75	4,681.00	32.90	19,871.60	31.76	19,183.04	33.80	20,415.20
51	8060030	Shared use Path, Grading	Ft	663.00	115.00	76,245.00	11.70	7,757.10	23.16	15,355.08	9.30	6,165.90
52	8100371	Post, Steel, 3 lb	Ft	333.00	8.00	2,664.00	6.50	2,164.50	9.98	3,323.34	10.60	3,529.80
53	8100402	Sign, Type III, Erect, Salv	Ea	2.00	40.00	80.00	27.20	54.40	57.75	115.50	61.45	122.90
54	8100403	Sign, Type III, Rem	Ea	76.00	16.00	1,216.00	16.30	1,238.80	26.25	1,995.00	27.90	2,120.40
55	8100404	Sign, Type IIIA	Sft	129.00	18.50	2,386.50	16.30	2,102.70	20.48	2,641.92	21.80	2,812.20
56	8110045	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	Ft	36.00	35.00	1,260.00	16.30	586.80	12.75	459.00	16.75	603.00
57	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	28.00	95.00	2,660.00	76.20	2,133.60	73.66	2,062.48	78.35	2,193.80
58	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	28.00	5.00	140.00	5.40	151.20	3.20	89.60	3.40	95.20
59	8120026	Pedestrian Type II Barricade, Temp	Ea	28.00	30.00	840.00	81.60	2,284.80	67.25	1,883.00	71.55	2,003.40
60	8120030	Channelizing Device, 42 inch, Furn	Ea	100.00	18.00	1,800.00	15.20	1,520.00	16.65	1,665.00	17.70	1,770.00
61	8120031	Channelizing Device, 42 inch, Oper	Ea	100.00	2.00	200.00	1.10	110.00	0.64	64.00	0.68	68.00
62	8120140	Lighted Arrow, Type C, Furn	Ea	1.00	550.00	550.00	326.50	326.50	384.30	384.30	408.80	408.80

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63	8120141	Lighted Arrow, Type C, Oper	Ea	1.00	125.00	125.00	108.80	108.80	64.05	64.05	68.15	68.15
64	8120170	Minor Traf Devices	LSUM	1.00	15,000.00	15,000.00	3,970.00	3,970.00	5,000.00	5,000.00	21,789.00	21,789.00
65	8120210	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	Ft	3,530.00	1.25	4,412.50	0.70	2,471.00	2.75	9,707.50	0.67	2,365.10
66	8120250	Plastic Drum, High Intensity, Furn	Ea	25.00	23.00	575.00	15.20	380.00	20.50	512.50	21.80	545.00
67	8120251	Plastic Drum, High Intensity, Oper	Ea	25.00	1.00	25.00	1.10	27.50	0.64	16.00	0.68	17.00
68	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	559.00	5.25	2,934.75	2.20	1,229.80	3.84	2,146.56	4.09	2,286.31
69	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	559.00	0.75	419.25	1.10	614.90	0.13	72.67	0.13	72.67
70	8120352	Sign, Type B, Temp, Prismatic, Spec, Furn	Sft	35.00	7.00	245.00	5.40	189.00	4.05	141.75	4.31	150.85
71	8120353	Sign, Type B, Temp, Prismatic, Spec, Oper	Sft	35.00	0.75	26.25	1.10	38.50	0.13	4.55	0.13	4.55
72	8120370	Traf Regulator Control	LSUM	1.00	3,500.00	3,500.00	3,810.00	3,810.00	2,500.00	2,500.00	7,986.00	7,986.00
73	8157011	Shredded Mulch	Syd	548.00	7.50	4,110.00	10.70	5,863.60	9.25	5,069.00	10.55	5,781.40
74	8167011	Hydromulch	Syd	4,180.00	1.25	5,225.00	0.60	2,508.00	1.25	5,225.00	0.56	2,340.80
75	8167011	Topsoil Surface, 4 inch	Syd	4,180.00	7.25	30,305.00	5.70	23,826.00	4.23	17,681.40	9.66	40,378.80
76	8167030	Fertilizer Chemical Nutrient, CI A, Modified	Lb	200.00	2.25	450.00	1.70	340.00	2.13	426.00	1.68	336.00
77	8167030	Seeding, Mixture THM, Modified	Lb	384.00	4.65	1,785.60	4.00	1,536.00	3.89	1,493.76	3.91	1,501.44
78	8197001	Conductor, THWN, in Conduit, 600 V, 1C, #4, AWG	Ft	11,140.00	2.15	23,951.00	2.30	25,622.00	2.24	24,953.60	2.35	26,179.00
79	8197001	Conduit, 3 inch, Sch 80/PVC (Empty)	Ft	1,944.00	17.50	34,020.00	12.80	24,883.20	22.76	44,245.44	13.15	25,563.60
80	8197001	Equipment Grounding Conductor, in Conduit, 1C, #4 AWG	Ft	1,944.00	1.85	3,596.40	2.90	5,637.60	1.69	3,285.36	2.95	5,734.80
81	8197050	Concrete Base for Light Pole, 66 inch	Ea	26.00	1,400.00	36,400.00	2,170.00	56,420.00	1,189.65	30,930.90	2,224.00	57,824.00
82	8197050	Concrete Base, Remove	Ea	1.00	590.00	590.00	257.00	257.00	685.00	685.00	370.30	370.30
83	8197050	Hand Hole, Polymer Conc, 11 inch x 18 inch (Open Bottom)	Ea	26.00	670.00	17,420.00	680.10	17,682.60	610.05	15,861.30	698.10	18,150.60
84	8197050	Light, Decorative, Install	Ea	26.00	550.00	14,300.00	622.40	16,182.40	385.00	10,010.00	638.90	16,611.40
85	8197050	Light, Decorative, Salvage	Ea	1.00	460.00	460.00	400.40	400.40	315.00	315.00	411.10	411.10
86	8230381	Water Shutoff, Adj, Temp, Case 1	Ea	6.00	145.00	870.00	116.90	701.40	175.00	1,050.00	107.00	642.00
87	8230382	Water Shutoff, Adj, Temp, Case 2	Ea	6.00	130.00	780.00	116.90	701.40	175.00	1,050.00	107.00	642.00
88	8230391	Gate Box, Adj, Temp, Case 1	Ea	4.00	185.00	740.00	116.90	467.60	525.00	2,100.00	107.00	428.00
89	8230392	Gate Box, Adj, Temp, Case 2	Ea	1.00	150.00	150.00	116.90	116.90	475.00	475.00	107.00	107.00
90	8230421	Water Shutoff, Adj, Case 1	Ea	2.00	145.00	290.00	150.00	300.00	525.00	1,050.00	107.00	214.00
91	8230422	Water Shutoff, Adj, Case 2	Ea	2.00	130.00	260.00	150.00	300.00	425.00	850.00	107.00	214.00
92	8230431	Gate Box, Adj, Case 1	Ea	22.00	335.00	7,370.00	171.30	3,768.60	475.00	10,450.00	129.20	2,842.40
93	8230432	Gate Box, Adj, Case 2	Ea	1.00	300.00	300.00	171.30	171.30	400.00	400.00	107.00	107.00

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94	8237001	Hydrant Extension	Ft	6.00	700.00	4,200.00	544.10	3,264.60	375.00	2,250.00	684.20	4,105.20
95	8237001	Water Main Backfill, Class II	Ft	784.00	17.50	13,720.00	0.01	7.84	24.16	18,941.44	25.90	20,305.60
96	8237001	Water Main, 4 inch	Ft	11.00	75.00	825.00	120.10	1,321.10	106.21	1,168.31	93.75	1,031.25
97	8237001	Water Main, 6 inch	Ft	39.00	80.00	3,120.00	93.80	3,658.20	82.90	3,233.10	72.70	2,835.30
98	8237001	Water Main, 8 inch	Ft	887.00	85.00	75,395.00	95.40	84,619.80	78.78	69,877.86	68.95	61,158.65
99	8237001	Water Main, Dir Bore, 8 inch	Ft	1,984.00	95.00	188,480.00	84.00	166,656.00	84.31	167,271.04	84.70	168,044.80
100	8237001	Water Service Pipe, Cu, 1 inch	Ft	948.00	41.50	39,342.00	23.10	21,898.80	21.67	20,543.16	47.55	45,077.40
101	8237050	Bond Restoration	Ea	35.00	235.00	8,225.00	119.70	4,189.50	275.00	9,625.00	223.40	7,819.00
102	8237050	Electrical Permit Acquisition and Compliance	Ea	35.00	235.00	8,225.00	272.00	9,520.00	175.00	6,125.00	264.70	9,264.50
103	8237050	Gate Valve, 8 inch, Modified	Ea	19.00	1,700.00	32,300.00	1,160.00	22,040.00	1,425.00	27,075.00	1,619.00	30,761.00
104	8237050	Hydrant Assembly	Ea	7.00	4,800.00	33,600.00	5,030.00	35,210.00	4,355.00	30,485.00	5,103.00	35,721.00
105	8237050	Hydrant, Rem, Modified	Ea	6.00	455.00	2,730.00	257.00	1,542.00	1,790.00	10,740.00	282.30	1,693.80
106	8237050	Plumbing Permit Acquisition and Compliance	Ea	35.00	280.00	9,800.00	244.80	8,568.00	205.00	7,175.00	223.40	7,819.00
107	8237050	Wall Penetration Sleeve, Sch 40 PVC, 1 1/2 inch	Ea	35.00	170.00	5,950.00	81.60	2,856.00	225.00	7,875.00	66.00	2,310.00
108	8237050	Water Main, Connect New 8 inch to Existing 4 inch	Ea	1.00	3,000.00	3,000.00	3,940.00	3,940.00	2,460.00	2,460.00	2,939.00	2,939.00
109	8237050	Water Main, Connect New 8 inch to Existing 6 inch	Ea	4.00	3,000.00	12,000.00	4,040.00	16,160.00	2,733.00	10,932.00	3,035.00	12,140.00
110	8237050	Water Main, Connect New 8 inch to Existing 8 inch	Ea	8.00	3,000.00	24,000.00	3,950.00	31,600.00	2,990.00	23,920.00	3,038.00	24,304.00
111	8237050	Water Meter	Ea	35.00	640.00	22,400.00	716.70	25,084.50	495.00	17,325.00	546.10	19,113.50
112	8237050	Water Meter Acquisition and Radio Reading Device Coordination	Ea	35.00	165.00	5,775.00	92.50	3,237.50	125.00	4,375.00	111.70	3,909.50
113	8237050	Water Serv, 1 inch	Ea	20.00	1,900.00	38,000.00	1,620.00	32,400.00	1,450.00	29,000.00	2,522.00	50,440.00
114	8237050	Water Serv, Long, 1 inch	Ea	19.00	2,300.00	43,700.00	2,620.00	49,780.00	1,925.00	36,575.00	3,028.00	57,532.00
115	8237050	Water Serv, Long, 2 inch	Ea	1.00	2,600.00	2,600.00	4,820.00	4,820.00	2,750.00	2,750.00	3,899.00	3,899.00
116	8237050	Water Service, Abandon, Two-inch Diameter or Less	Ea	38.00	215.00	8,170.00	81.60	3,100.80	425.00	16,150.00	357.00	13,566.00
117	8267030	Water Main Fittings, DI	Lb	600.00	5.50	3,300.00	5.70	3,420.00	6.75	4,050.00	7.50	4,500.00
		<b>TOTAL</b>				<b>1,761,654.05</b>		<b>1,448,516.27</b>		<b>1,585,871.71</b>		<b>1,641,400.76</b>