

					ENGINEER'S ESTIMATE		BAILEY EXCAVATING, INC. PO BOX 660 JACKSON, MI 49204		DUNIGAN BROTHERS, INC. 911 E. SOUTH ST. JACKSON, MI 49203		C & D HUGHES, INC. 3097 LANSING RD. CHARLOTTE, MI 48813	
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 (\$)
1	1500001	Mobilization, Max 10%	LSUM	1.00	\$ 88,650.65	\$ 88,650.65	65,000.00	65,000.00	41,310.00	41,310.00	70,000.00	70,000.00
2	2030011	Dr Structure, Rem	Ea	13.00	\$ 500.00	\$ 6,500.00	325.00	4,225.00	261.80	3,403.40	500.00	6,500.00
3	2030015	Sewer, Rem, Less than 24 inch	Ft	1,387.00	\$ 25.00	\$ 34,675.00	12.79	17,739.73	5.40	7,489.80	10.00	13,870.00
4	2037001	Gas Main, Rem	Ft	400.00	\$ 15.00	\$ 6,000.00	9.46	3,784.00	5.40	2,160.00	20.00	8,000.00
5	2040020	Curb and Gutter, Rem	Ft	268.00	\$ 7.00	\$ 1,876.00	4.03	1,080.04	3.50	938.00	10.00	2,680.00
6	2040045	Masonry and Conc Structure, Rem	Cyd	10.00	\$ 80.00	\$ 800.00	450.00	4,500.00	34.90	349.00	100.00	1,000.00
7	2040055	Sidewalk, Rem	Syd	542.00	\$ 10.00	\$ 5,420.00	4.98	2,699.16	3.50	1,897.00	10.00	5,420.00
8	2040080	Exploratory Investigation, Vertical	Ft	15.00	\$ 35.00	\$ 525.00	35.00	525.00	47.70	715.50	20.00	300.00
9	2047001	Pavt Sawcut	Ft	222.00	\$ 3.00	\$ 666.00	3.27	725.94	2.20	488.40	3.00	666.00
10	2047011	Driveway, Rem	Syd	346.00	\$ 10.00	\$ 3,460.00	6.85	2,370.10	3.50	1,211.00	12.00	4,152.00
11	2047011	HMA Surface, Rem, Modified	Syd	2,823.00	\$ 10.00	\$ 28,230.00	5.96	16,825.08	3.40	9,598.20	4.00	11,292.00
12	2057001	Earth Sawcut	Ft	50.00	\$ 5.00	\$ 250.00	2.75	137.50	0.01	0.50	10.00	500.00
13	2057002	Roadway Grading, Special	Sta	8.50	\$ 4,100.00	\$ 34,850.00	2,451.00	20,833.50	2,760.00	23,460.00	1,600.00	13,600.00
14	2057011	Geogrid	Syd	150.00	\$ 4.00	\$ 600.00	4.79	718.50	1.80	270.00	5.00	750.00
15	2057021	Flowable Fill, Non-Structural	Cyd	10.00	\$ 200.00	\$ 2,000.00	215.00	2,150.00	142.70	1,427.00	200.00	2,000.00
16	2057021	Subgrade Undercutting, 1 x 3	Cyd	100.00	\$ 65.00	\$ 6,500.00	62.50	6,250.00	54.50	5,450.00	70.00	7,000.00
17	2057051	Tree Preservation	LSUM	1.00	\$ 2,500.00	\$ 2,500.00	975.00	975.00	0.01	0.01	1,000.00	1,000.00
18	2080016	Erosion Control, Gravel Access Approach	Ea	2.00	\$ 1,000.00	\$ 2,000.00	1,250.00	2,500.00	0.01	0.02	1,500.00	3,000.00
19	2080020	Erosion Control, Inlet Protection, Fabric Drop	Ea	11.00	\$ 125.00	\$ 1,375.00	95.00	1,045.00	92.80	1,020.80	125.00	1,375.00
20	2080036	Erosion Control, Silt Fence	Ft	200.00	\$ 3.00	\$ 600.00	3.25	650.00	1.80	360.00	2.00	400.00
21	2087050	Erosion Control, Inlet Protection, Grate Filter, Rectangular	Ea	11.00	\$ 100.00	\$ 1,100.00	95.00	1,045.00	59.60	655.60	100.00	1,100.00
22	2090001	Project Cleanup	LSUM	1.00	\$ 4,000.00	\$ 4,000.00	10,000.00	10,000.00	8,340.00	8,340.00	1,500.00	1,500.00
23	3027011	Aggregate Base, 8 inch, 21AA, Modified	Syd	2,852.00	\$ 15.00	\$ 42,780.00	10.34	29,489.68	15.40	43,920.80	13.00	37,076.00
24	3060020	Maintenance Gravel	Ton	50.00	\$ 35.00	\$ 1,750.00	25.00	1,250.00	0.01	0.50	30.00	1,500.00
25	4027001	Sewer Backfill, Class II	Ft	1,017.00	\$ 20.00	\$ 20,340.00	19.55	19,882.35	0.01	10.17	1.00	1,017.00
26	4027001	Sewer, CI E, 12 inch	Ft	923.00	\$ 75.00	\$ 69,225.00	37.71	34,806.33	98.20	90,638.60	90.00	83,070.00
27	4027001	Sewer, CI E, 18 inch	Ft	25.00	\$ 85.00	\$ 2,125.00	45.27	1,131.75	125.90	3,147.50	100.00	2,500.00
28	4027001	Sewer, DI, 12 inch	Ft	39.00	\$ 105.00	\$ 4,095.00	56.21	2,192.19	106.10	4,137.90	90.00	3,510.00
29	4027001	Sewer, DI, 6 inch	Ft	7.00	\$ 90.00	\$ 630.00	42.68	298.76	127.00	889.00	90.00	630.00
30	4027001	Sewer, DI, 8 inch	Ft	30.00	\$ 100.00	\$ 3,000.00	48.14	1,444.20	101.30	3,039.00	90.00	2,700.00
31	4027001	Sanitary Sewer Backfill, Class II	Ft	837.00	\$ 50.00	\$ 41,850.00	27.13	22,707.81	0.01	8.37	1.00	837.00
32	4027001	Sanitary Sewer, SDR 26 PVC, 10 inch	Ft	6.00	\$ 70.00	\$ 420.00	89.31	535.86	150.90	905.40	100.00	600.00
33	4027001	Sanitary Sewer, SDR 26 PVC, 12 inch	Ft	831.00	\$ 75.00	\$ 62,325.00	64.39	53,508.09	135.70	112,766.70	100.00	83,100.00
34	4027001	Sanitary Sewer, Service Connection beyond 10 feet	Ft	276.00	\$ 70.00	\$ 19,320.00	24.63	6,797.88	78.20	21,583.20	80.00	22,080.00
35	4027050	Sanitary Manhole, Add Depth of 48 inch dia, 8 feet to 15 feet	Ea	1.00	\$ 400.00	\$ 400.00	985.00	985.00	63.70	63.70	350.00	350.00
36	4027050	Sanitary Sewer, Service Connection with 12 inch x 6 inch Wye	Ea	24.00	\$ 1,250.00	\$ 30,000.00	795.00	19,080.00	1,970.00	47,280.00	600.00	14,400.00
37	4030312	Dr Structure, Tap, 12 inch	Ea	4.00	\$ 600.00	\$ 2,400.00	495.00	1,980.00	511.30	2,045.20	500.00	2,000.00
38	4037050	Catch Basin Cover, Curb	Ea	7.00	\$ 700.00	\$ 4,900.00	625.00	4,375.00	841.20	5,888.40	800.00	5,600.00

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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 (\$)
39	4037050	Catch Basin, 48 inch dia	Ea	7.00	\$ 2,500.00	\$ 17,500.00	1,345.00	9,415.00	2,020.00	14,140.00	2,000.00	14,000.00
40	4037050	Mh Cover, Std	Ea	10.00	\$ 500.00	\$ 5,000.00	450.00	4,500.00	353.80	3,538.00	800.00	8,000.00
41	4037050	Storm Manhole, 48 inch dia	Ea	4.00	\$ 2,800.00	\$ 11,200.00	2,145.00	8,580.00	2,330.00	9,320.00	2,000.00	8,000.00
42	4037050	Storm Manhole, 60 inch dia	Ea	1.00	\$ 3,500.00	\$ 3,500.00	2,425.00	2,425.00	3,530.00	3,530.00	4,000.00	4,000.00
43	4037050	Utility Structure Cover, Adj, Case 1, Modified	Ea	18.00	\$ 575.00	\$ 10,350.00	725.00	13,050.00	509.30	9,167.40	500.00	9,000.00
44	4037050	Utility Structure, Temp Lowering, Modified	Ea	4.00	\$ 300.00	\$ 1,200.00	475.00	1,900.00	231.10	924.40	250.00	1,000.00
45	4037050	Sanitary Manhole, 48 inch dia	Ea	3.00	\$ 2,500.00	\$ 7,500.00	2,550.00	7,650.00	3,830.00	11,490.00	3,000.00	9,000.00
46	5010025	Hand Patching	Ton	20.00	\$ 200.00	\$ 4,000.00	131.25	2,625.00	133.10	2,662.00	125.00	2,500.00
47	5010033	HMA, 13A	Ton	653.00	\$ 95.00	\$ 62,035.00	84.27	55,028.31	82.70	54,003.10	74.90	48,909.70
48	8010005	Driveway, Nonreinf Conc, 6 inch	Syd	494.00	\$ 40.00	\$ 19,760.00	34.65	17,117.10	36.60	18,080.40	33.00	16,302.00
49	8027001	Curb and Gutter, Conc, Det F4, Modified	Ft	1,534.00	\$ 18.00	\$ 27,612.00	15.86	24,329.24	16.70	25,617.80	15.10	23,163.40
50	8030010	Detectable Warning Surface	Ft	12.00	\$ 35.00	\$ 420.00	34.65	415.80	36.60	439.20	33.00	396.00
51	8030030	Curb Ramp Opening, Conc	Ft	20.00	\$ 25.00	\$ 500.00	21.00	420.00	22.20	444.00	20.00	400.00
52	8030036	Sidewalk Ramp, Conc, 6 inch	Sft	77.00	\$ 7.00	\$ 539.00	5.25	404.25	5.50	423.50	5.00	385.00
53	8030044	Sidewalk, Conc, 4 inch	Sft	2,507.00	\$ 4.00	\$ 10,028.00	3.26	8,172.82	3.40	8,523.80	3.10	7,771.70
54	8030046	Sidewalk, Conc, 6 inch	Sft	2,368.00	\$ 5.00	\$ 11,840.00	3.57	8,453.76	3.80	8,998.40	3.40	8,051.20
55	8100371	Post, Steel, 3 lb	Ft	32.00	\$ 10.00	\$ 320.00	11.55	369.60	11.10	355.20	11.00	352.00
56	8100403	Sign, Type III, Rem	Ea	2.00	\$ 16.00	\$ 32.00	31.50	63.00	27.70	55.40	30.00	60.00
57	8100404	Sign, Type IIIA	Sft	19.00	\$ 19.00	\$ 361.00	21.53	409.07	11.10	210.90	20.50	389.50
58	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	29.00	\$ 70.00	\$ 2,030.00	75.08	2,177.32	66.50	1,928.50	71.50	2,073.50
59	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	29.00	\$ 5.00	\$ 145.00	5.78	167.62	1.10	31.90	5.50	159.50
60	8120026	Pedestrian Type II Barricade, Temp	Ea	13.00	\$ 100.00	\$ 1,300.00	69.30	900.90	99.80	1,297.40	66.00	858.00
61	8120170	Minor Traf Devices	LSUM	1.00	\$ 10,000.00	\$ 10,000.00	7,500.00	7,500.00	8,810.00	8,810.00	5,000.00	5,000.00
62	8120252	Plastic Drum, Fluorescent, Furn	Ea	150.00	\$ 25.00	\$ 3,750.00	23.73	3,559.50	15.50	2,325.00	22.00	3,300.00
63	8120253	Plastic Drum, Fluorescent, Oper	Ea	150.00	\$ 1.00	\$ 150.00	2.31	346.50	1.10	165.00	2.20	330.00
64	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	372.00	\$ 4.00	\$ 1,488.00	4.04	1,502.88	3.30	1,227.60	3.85	1,432.20
65	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	372.00	\$ 1.00	\$ 372.00	0.23	85.56	1.10	409.20	0.22	81.84
66	8120352	Sign, Type B, Temp, Prismatic, Spec, Furn	Sft	235.00	\$ 6.00	\$ 1,410.00	4.15	975.25	5.50	1,292.50	3.95	928.25
67	8120353	Sign, Type B, Temp, Prismatic, Spec, Oper	Sft	235.00	\$ 1.00	\$ 235.00	0.23	54.05	1.10	258.50	0.22	51.70
68	8120370	Traf Regulator Control	LSUM	1.00	\$ 5,000.00	\$ 5,000.00	1,500.00	1,500.00	1,220.00	1,220.00	100.00	100.00
69	8167011	Hydromulch	Syd	1,388.00	\$ 1.25	\$ 1,735.00	0.78	1,082.64	1.00	1,388.00	0.84	1,165.92
70	8167011	Topsoil Surface, 4 inch	Syd	1,388.00	\$ 7.00	\$ 9,716.00	4.89	6,787.32	5.90	8,189.20	5.00	6,940.00
71	8167030	Fertilizer Chemical Nutrient, Cl A, Modified	Lb	66.00	\$ 2.25	\$ 148.50	4.31	284.46	1.90	125.40	1.50	99.00
72	8167030	Seeding, Mixture THM, Modified	Lb	127.00	\$ 4.00	\$ 508.00	7.64	970.28	4.30	546.10	3.50	444.50
73	8230391	Gate Box, Adj, Temp, Case 1	Ea	2.00	\$ 185.00	\$ 370.00	295.00	590.00	178.70	357.40	500.00	1,000.00
74	8230431	Gate Box, Adj, Case 1	Ea	2.00	\$ 350.00	\$ 700.00	475.00	950.00	404.60	809.20	500.00	1,000.00
75	8237001	Hydrant Extension	Ft	2.00	\$ 500.00	\$ 1,000.00	553.00	1,106.00	776.10	1,552.20	750.00	1,500.00
76	8237001	Water Main Backfill, Class II	Ft	740.00	\$ 20.00	\$ 14,800.00	19.68	14,563.20	0.01	7.40	1.00	740.00

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77	8237001	Water Main, 6 inch	Ft	2.00	\$ 105.00	\$ 210.00	48.21	96.42	267.90	535.80	100.00	200.00
78	8237001	Water Main, 8 inch	Ft	738.00	\$ 85.00	\$ 62,730.00	56.39	41,615.82	92.00	67,896.00	100.00	73,800.00
79	8237001	Water Service Pipe, Cu, 1 inch	Ft	845.00	\$ 25.00	\$ 21,125.00	27.94	23,609.30	27.40	23,153.00	45.00	38,025.00
80	8237050	Gate Valve, 8 inch, Modified	Ea	1.00	\$ 1,700.00	\$ 1,700.00	1,295.00	1,295.00	1,340.00	1,340.00	2,000.00	2,000.00
81	8237050	Hydrant Assembly	Ea	2.00	\$ 5,000.00	\$ 10,000.00	4,795.00	9,590.00	5,390.00	10,780.00	4,000.00	8,000.00
82	8237050	Hydrant, Rem, Modified	Ea	2.00	\$ 500.00	\$ 1,000.00	675.00	1,350.00	178.70	357.40	350.00	700.00
83	8237050	Water Main, Connect New 8 inch to Existing 6 inch	Ea	1.00	\$ 3,100.00	\$ 3,100.00	3,150.00	3,150.00	3,750.00	3,750.00	4,000.00	4,000.00
84	8237050	Water Main, Connect New 8 inch to Existing 8 inch	Ea	1.00	\$ 3,200.00	\$ 3,200.00	3,255.00	3,255.00	3,610.00	3,610.00	4,000.00	4,000.00
85	8237050	Bond Restoration	Ea	23.00	\$ 400.00	\$ 9,200.00	375.00	8,625.00	415.80	9,563.40	400.00	9,200.00
86	8237050	Electrical Permit Acquisition and Compliance	Ea	23.00	\$ 200.00	\$ 4,600.00	200.00	4,600.00	177.40	4,080.20	150.00	3,450.00
87	8237050	Plumbing Permit Acquisition and Compliance	Ea	23.00	\$ 250.00	\$ 5,750.00	200.00	4,600.00	129.60	2,980.80	150.00	3,450.00
88	8237050	Wall Penetration Sleeve, Sch 40 PVC, 1 1/2 inch	Ea	23.00	\$ 200.00	\$ 4,600.00	195.00	4,485.00	49.90	1,147.70	600.00	13,800.00
89	8237050	Water Meter	Ea	23.00	\$ 650.00	\$ 14,950.00	425.00	9,775.00	487.40	11,210.20	800.00	18,400.00
90	8237050	Water Meter Acquisition and Radio Reading Device Coordination	Ea	23.00	\$ 125.00	\$ 2,875.00	45.00	1,035.00	38.80	892.40	125.00	2,875.00
91	8237050	Water Serv, 1 inch	Ea	13.00	\$ 1,800.00	\$ 23,400.00	1,675.00	21,775.00	1,550.00	20,150.00	1,500.00	19,500.00
92	8237050	Water Serv, Long, 1 inch	Ea	11.00	\$ 2,000.00	\$ 22,000.00	1,975.00	21,725.00	1,900.00	20,900.00	2,000.00	22,000.00
93	8237050	Water Service, Abandon, Two-inch Diameter or Less	Ea	23.00	\$ 175.00	\$ 4,025.00	75.00	1,725.00	27.70	637.10	500.00	11,500.00
94	8267030	Water Main Fittings, DI	Lb	300.00	\$ 6.00	\$ 1,800.00	3.95	1,185.00	2.80	840.00	30.00	9,000.00
				28,664.50		\$982,957.15		\$740,166.42		\$834,556.67		\$849,859.91