

					ENGINEER'S ESTIMATE		BAILEY EXCAVATING, INC. PO BOX 660 JACKSON, MI 49204		CONCORD EXCAVATING PO BOX 250 CONCORD, MI 49237		C&D HUGHES, INC. 3097 LANSING RD. CHARLOTTE, MI 48813		MEAD BROTHERS 15195 EATON RAPIDS RD. SPRINGPORT, MI 49284		DUNIGAN BROTHERS 911 E. SOUTH ST. JACKSON, MI 49201	
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 (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)
1	1100001	Mobilization, Max 10%	LSUM	1.00	101,000.00	101,000.00	50,000.00	50,000.00	85,000.00	85,000.00	50,000.00	50,000.00	75,000.00	75,000.00	131,270.00	131,270.00
2	2030011	Dr Structure, Rem	Ea	1.00	390.00	390.00	450.00	450.00	750.00	750.00	500.00	500.00	1,000.00	1,000.00	694.70	694.70
3	2037001	Gas Main, Rem	Ft	50.00	20.00	1,000.00	26.41	1,320.50	10.00	500.00	40.00	2,000.00	30.00	1,500.00	23.20	1,160.00
4	2040020	Curb and Gutter, Rem	Ft	1,113.00	8.50	9,460.50	8.65	9,627.45	8.00	8,904.00	8.00	8,904.00	10.00	11,130.00	7.00	7,791.00
5	2040045	Masonry and Conc Structure, Rem	Cyd	5.00	82.00	410.00	25.00	125.00	100.00	500.00	100.00	500.00	100.00	500.00	115.80	579.00
6	2040050	Pavt, Rem	Syd	127.00	8.00	1,016.00	13.25	1,682.75	12.00	1,524.00	25.00	3,175.00	35.00	4,445.00	13.90	1,765.30
7	2040055	Sidewalk, Rem	Syd	368.00	10.00	3,680.00	9.15	3,367.20	9.00	3,312.00	10.00	3,680.00	3.50	1,288.00	7.00	2,576.00
8	2040080	Exploratory Investigation, Vertical	Ft	10.00	66.00	660.00	75.00	750.00	30.00	300.00	50.00	500.00	100.00	1,000.00	89.90	899.00
9	2047001	Pavt Sawcut	Ft	4,247.00	2.70	11,466.90	3.75	15,926.25	2.00	8,494.00	2.00	8,494.00	5.00	21,235.00	2.10	8,918.70
10	2047011	Driveway, Rem	Syd	190.00	10.00	1,900.00	10.20	1,938.00	11.00	2,090.00	15.00	2,850.00	8.50	1,615.00	7.00	1,330.00
11	2047011	HMA Surface, Rem, Modified	Syd	3,148.00	8.50	26,758.00	9.65	30,378.20	3.25	10,231.00	2.50	7,870.00	8.50	26,758.00	5.70	17,943.60
12	2050031	Non Haz Contaminated Material Handling and Disposal, LM	Cyd	20.00	37.00	740.00	75.00	1,500.00	50.00	1,000.00	70.00	1,400.00	50.00	1,000.00	64.60	1,292.00
13	2057051	Tree Preservation	LSUM	1.00	2,400.00	2,400.00	500.00	500.00	1,000.00	1,000.00	500.00	500.00	5,000.00	5,000.00	1,230.00	1,230.00
14	2080016	Erosion Control, Gravel Access Approach	Ea	2.00	1,100.00	2,200.00	250.00	500.00	200.00	400.00	1,000.00	2,000.00	500.00	1,000.00	586.00	1,172.00
15	2080020	Erosion Control, Inlet Protection, Fabric Drop	Ea	11.00	98.00	1,078.00	125.00	1,375.00	150.00	1,650.00	100.00	1,100.00	200.00	2,200.00	143.10	1,574.10
16	2080036	Erosion Control, Silt Fence	Ft	400.00	2.00	800.00	3.45	1,380.00	2.25	900.00	2.50	1,000.00	2.50	1,000.00	3.30	1,320.00
17	2087050	Erosion Control, Inlet Protection, Grate Filter, Rectangular	Ea	25.00	100.00	2,500.00	75.00	1,875.00	150.00	3,750.00	100.00	2,500.00	125.00	3,125.00	115.80	2,895.00
18	2090001	Project Cleanup	LSUM	1.00	10,000.00	10,000.00	10,000.00	10,000.00	50,000.00	50,000.00	2,000.00	2,000.00	8,000.00	8,000.00	27,920.00	27,920.00
19	3027011	Aggregate Base, 6 inch, 21AA, Modified	Syd	127.00	12.00	1,524.00	8.67	1,101.09	10.50	1,333.50	10.00	1,270.00	11.00	1,397.00	33.40	4,241.80
20	3027011	Aggregate Base, 8 inch, 21AA, Modified	Syd	4,119.00	14.00	57,666.00	11.56	47,615.64	10.88	44,814.72	14.00	57,666.00	14.00	57,666.00	34.50	142,105.50
21	3060020	Maintenance Gravel	Ton	304.00	35.00	10,640.00	15.00	4,560.00	28.00	8,512.00	10.00	3,040.00	10.00	3,040.00	30.00	9,120.00
22	4021260	Trench Undercut and Backfill	Cyd	20.00	53.00	1,060.00	35.00	700.00	40.00	800.00	60.00	1,200.00	50.00	1,000.00	84.50	1,690.00
23	4027001	Sewer Backfill, Class II	Ft	151.00	15.50	2,340.50	26.00	3,926.00	25.00	3,775.00	1.00	151.00	100.00	15,100.00	25.50	3,850.50
24	4027001	Sewer, CI A, 12 inch	Ft	20.00	52.00	1,040.00	48.92	978.40	150.00	3,000.00	70.00	1,400.00	200.00	4,000.00	188.00	3,760.00
25	4027001	Sewer, CI E, 12 inch	Ft	131.00	52.00	6,812.00	53.12	6,958.72	43.70	5,724.70	70.00	9,170.00	70.00	9,170.00	156.00	20,436.00
26	4027001	Sewer, DI, 8 inch	Ft	20.00	85.00	1,700.00	65.84	1,316.80	150.00	3,000.00	125.00	2,500.00	150.00	3,000.00	195.00	3,900.00
27	4030006	Dr Structure Cover, Adj, Case 2	Ea	1.00	550.00	550.00	475.00	475.00	800.00	800.00	1,000.00	1,000.00	2,000.00	2,000.00	614.00	614.00
28	4030280	Dr Structure, Adj, Add Depth	Ft	1.00	145.00	145.00	375.00	375.00	250.00	250.00	100.00	100.00	1,500.00	1,500.00	150.00	150.00
29	4030312	Dr Structure, Tap, 12 inch	Ea	1.00	2,400.00	2,400.00	375.00	375.00	700.00	700.00	500.00	500.00	500.00	500.00	1,400.00	1,400.00
30	4037050	Catch Basin Cover, Curb	Ea	4.00	675.00	2,700.00	725.00	2,900.00	700.00	2,800.00	700.00	2,800.00	1,000.00	4,000.00	1,220.00	4,880.00
31	4037050	Mh Cover, Std	Ea	4.00	540.00	2,160.00	525.00	2,100.00	500.00	2,000.00	600.00	2,400.00	800.00	3,200.00	1,150.00	4,600.00
32	4037050	Storm Manhole, 48 inch Dia	Ea	2.00	1,900.00	3,800.00	1,450.00	2,900.00	3,000.00	6,000.00	2,500.00	5,000.00	4,000.00	8,000.00	8,140.00	16,280.00

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33	4037050	Utility Structure Cover, Adj, Case 1, Modified	Ea	8.00	600.00	4,800.00	625.00	5,000.00	800.00	6,400.00	600.00	4,800.00	1,500.00	12,000.00	911.00	7,288.00
34	4037050	Utility Structure, Temp Lowering, Modified	Ea	12.00	300.00	3,600.00	475.00	5,700.00	225.00	2,700.00	250.00	3,000.00	1,500.00	18,000.00	403.00	4,836.00
35	5010025	Hand Patching	Ton	20.00	180.00	3,600.00	220.00	4,400.00	220.00	4,400.00	200.00	4,000.00	200.00	4,000.00	272.70	5,454.00
36	5010033	HMA, 13A	Ton	960.00	90.00	86,400.00	97.90	93,984.00	97.90	93,984.00	89.00	85,440.00	89.00	85,440.00	121.40	116,544.00
37	6020200	Joint, Contraction, Cp	Ft	144.00	11.00	1,584.00	13.20	1,900.80	18.90	2,721.60	12.00	1,728.00	18.00	2,592.00	16.40	2,361.60
38	6020500	Conc Pavt, Nonreinf, 8 inch, High Performance	Syd	127.00	44.00	5,588.00	66.00	8,382.00	61.47	7,806.69	60.00	7,620.00	58.55	7,435.85	81.80	10,388.60
39	6030020	Joint, Contraction, Crg	Ft	72.00	7.00	504.00	13.20	950.40	18.90	1,360.80	12.00	864.00	18.00	1,296.00	16.40	1,180.80
40	8010005	Driveway, Nonreinf Conc, 6 inch	Syd	145.00	48.50	7,032.50	37.40	5,423.00	43.94	6,371.30	34.00	4,930.00	41.85	6,068.25	54.60	7,917.00
41	8020038	Curb and Gutter, Conc, Det F4	Ft	394.00	17.00	6,698.00	22.00	8,668.00	23.10	9,101.40	20.00	7,880.00	22.00	8,668.00	31.40	12,371.60
42	8030010	Detectable Warning Surface	Ft	39.00	35.00	1,365.00	35.20	1,372.80	36.75	1,433.25	32.00	1,248.00	35.00	1,365.00	43.60	1,700.40
43	8030030	Curb Ramp Opening, Conc	Ft	39.00	25.00	975.00	22.00	858.00	23.10	900.90	20.00	780.00	22.00	858.00	31.40	1,224.60
44	8030044	Sidewalk, Conc, 4 inch	Sft	1,548.00	4.50	6,966.00	3.74	5,789.52	4.14	6,408.72	3.40	5,263.20	3.95	6,114.60	7.40	11,455.20
45	8030046	Sidewalk, Conc, 6 inch	Sft	472.00	7.75	3,658.00	3.85	1,817.20	4.88	2,303.36	3.50	1,652.00	4.65	2,194.80	7.50	3,540.00
46	8032002	Curb Ramp, Conc, 6 inch	Sft	324.00	8.00	2,592.00	5.94	1,924.56	7.19	2,329.56	5.40	1,749.60	6.85	2,219.40	10.10	3,272.40
47	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	25.00	95.00	2,375.00	81.11	2,027.75	81.11	2,027.75	77.25	1,931.25	70.00	1,750.00	95.50	2,387.50
48	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	25.00	5.00	125.00	5.41	135.25	5.40	135.00	5.15	128.75	5.00	125.00	6.80	170.00
49	8120026	Pedestrian Type II Barricade, Temp	Ea	20.00	30.00	600.00	64.89	1,297.80	64.89	1,297.80	61.80	1,236.00	70.00	1,400.00	95.50	1,910.00
50	8120170	Minor Traf Devices	LSUM	1.00	10,000.00	10,000.00	5,000.00	5,000.00	15,000.00	15,000.00	5,000.00	5,000.00	8,600.00	8,600.00	14,930.00	14,930.00
51	8120252	Plastic Drum, Fluorescent, Furn	Ea	110.00	23.00	2,530.00	25.96	2,855.60	25.95	2,854.50	24.72	2,719.20	15.00	1,650.00	20.50	2,255.00
52	8120253	Plastic Drum, Fluorescent, Oper	Ea	110.00	1.00	110.00	2.16	237.60	2.16	237.60	2.06	226.60	1.00	110.00	1.40	154.00
53	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	788.00	5.25	4,137.00	4.33	3,412.04	4.35	3,427.80	4.12	3,246.56	2.00	1,576.00	2.70	2,127.60
54	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	788.00	0.75	591.00	0.35	275.80	0.32	248.22	0.30	236.40	1.00	788.00	1.40	1,103.20
55	8120352	Sign, Type B, Temp, Prismatic, Spec, Furn	Sft	171.00	7.00	1,197.00	4.55	778.05	4.53	774.63	4.32	738.72	4.00	684.00	5.50	940.50
56	8120353	Sign, Type B, Temp, Prismatic, Spec, Oper	Sft	171.00	0.75	128.25	0.35	59.85	0.32	53.87	0.30	51.30	1.00	171.00	1.40	239.40
57	8120370	Traf Regulator Control	LSUM	1.00	3,500.00	3,500.00	500.00	500.00	10,000.00	10,000.00	1,000.00	1,000.00	65,000.00	65,000.00	7,490.00	7,490.00
58	8167011	Turf Establishment, Performance	Syd	1,281.00	10.00	12,810.00	5.45	6,981.45	6.00	7,686.00	6.00	7,686.00	3.00	3,843.00	11.90	15,243.90
59	8237001	Hydrant Extension	Ft	1.00	700.00	700.00	375.00	375.00	700.00	700.00	1,000.00	1,000.00	1,000.00	1,000.00	1,240.00	1,240.00
60	8267030	Water Main Fittings, DI	Lb	500.00	5.50	2,750.00	2.75	1,375.00	9.00	4,500.00	5.00	2,500.00	20.00	10,000.00	5.00	2,500.00
61	4027050	Sewer Lateral Repair	Ea	22.00	450.00	9,900.00	195.00	4,290.00	375.00	8,250.00	750.00	16,500.00	200.00	4,400.00	1,600.00	35,200.00
62	8237001	Tracer Wire, Modified	Ft	2,170.00	1.00	2,170.00	0.25	542.50	0.50	1,085.00	1.00	2,170.00	1.00	2,170.00	0.60	1,302.00
63	8237001	Water Main Backfill, Class II	Ft	2,170.00	17.50	37,975.00	26.00	56,420.00	18.00	39,060.00	1.00	2,170.00	30.00	65,100.00	25.50	55,335.00

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64	8237001	Water Main, 12 inch	Ft	137.00	97.00	13,289.00	97.20	13,316.40	85.00	11,645.00	150.00	20,550.00	150.00	20,550.00	280.00	38,360.00
65	8237001	Water Main, 8 inch	Ft	2,033.00	85.00	172,805.00	68.64	139,545.12	60.00	121,980.00	95.00	193,135.00	95.00	193,135.00	156.00	317,148.00
66	8237050	Gate Box, Adj, Case 1, Modified	Ea	9.00	200.00	1,800.00	415.00	3,735.00	400.00	3,600.00	400.00	3,600.00	500.00	4,500.00	791.00	7,119.00
67	8237050	Gate Valve, 8 inch, Modified	Ea	8.00	1,770.00	14,160.00	1,685.78	13,486.24	2,000.00	16,000.00	2,000.00	16,000.00	2,500.00	20,000.00	2,000.00	16,000.00
68	8237050	Hydrant Assembly	Ea	3.00	4,800.00	14,400.00	5,192.67	15,578.01	6,280.00	18,840.00	4,000.00	12,000.00	6,500.00	19,500.00	9,260.00	27,780.00
69	8237050	Hydrant, Rem, Modified	Ea	3.00	455.00	1,365.00	750.00	2,250.00	500.00	1,500.00	400.00	1,200.00	1,200.00	3,600.00	246.00	738.00
70	8237050	Tracer Wire, Grounding Rod	Ea	9.00	85.00	765.00	55.00	495.00	110.00	990.00	100.00	900.00	100.00	900.00	157.00	1,413.00
71	8237050	Water Main, Connect New 12 inch to Existing 12 inch	Ea	2.00	3,200.00	6,400.00	3,000.00	6,000.00	3,775.00	7,550.00	5,500.00	11,000.00	4,300.00	8,600.00	7,460.00	14,920.00
72	8237050	Water Main, Connect New 8 inch to Existing 6 inch	Ea	3.00	3,200.00	9,600.00	2,500.00	7,500.00	3,400.00	10,200.00	4,500.00	13,500.00	3,000.00	9,000.00	7,100.00	21,300.00
73	8237050	Water Main, Connect New 8 inch to Existing 8 inch	Ea	1.00	3,200.00	3,200.00	2,750.00	2,750.00	3,600.00	3,600.00	4,500.00	4,500.00	3,000.00	3,000.00	7,100.00	7,100.00
74	8237050	Water Main, Insertion Valve, 6 inch	Ea	1.00	9,500.00	9,500.00	7,500.00	7,500.00	8,000.00	8,000.00	10,000.00	10,000.00	10,000.00	10,000.00	20,250.00	20,250.00
75	8237001	Water Service Pipe, Cu, 1 inch	Ft	3,056.00	41.50	126,824.00	37.50	114,600.00	41.00	125,296.00	40.00	122,240.00	10.00	30,560.00	40.00	122,240.00
76	8237001	Water Service Pipe, Cu, 2 inch	Ft	200.00	50.00	10,000.00	49.64	9,928.00	50.00	10,000.00	80.00	16,000.00	25.00	5,000.00	75.00	15,000.00
77	8237050	Bond Restoration	Ea	48.00	235.00	11,280.00	375.00	18,000.00	403.00	19,344.00	400.00	19,200.00	300.00	14,400.00	546.00	26,208.00
78	8237050	Electrical Permit Acquisition and Compliance	Ea	48.00	235.00	11,280.00	175.00	8,400.00	165.00	7,920.00	200.00	9,600.00	1,000.00	48,000.00	225.00	10,800.00
79	8237050	Plumbing Permit Acquisition and Compliance	Ea	48.00	280.00	13,440.00	275.00	13,200.00	200.00	9,600.00	350.00	16,800.00	500.00	24,000.00	205.00	9,840.00
80	8237050	Wall Penetration Sleeve, Sch 40 PVC, 1 1/2 inch	Ea	47.00	170.00	7,990.00	50.00	2,350.00	100.00	4,700.00	300.00	14,100.00	30.00	1,410.00	75.00	3,525.00
81	8237050	Wall Penetration Sleeve, Sch 40 PVC, 2 1/2 inch	Ea	5.00	200.00	1,000.00	50.00	250.00	150.00	750.00	500.00	2,500.00	300.00	1,500.00	87.00	435.00
82	8237050	Water Meter	Ea	48.00	640.00	30,720.00	600.00	28,800.00	400.00	19,200.00	500.00	24,000.00	500.00	24,000.00	819.00	39,312.00
83	8237050	Water Meter Acquisition and Radio Reading Device Coordination	Ea	48.00	165.00	7,920.00	50.00	2,400.00	200.00	9,600.00	250.00	12,000.00	250.00	12,000.00	70.00	3,360.00
84	8237050	Water Serv, Long, 1 inch	Ea	43.00	2,300.00	98,900.00	2,247.21	96,630.03	1,750.00	75,250.00	2,500.00	107,500.00	8,000.00	344,000.00	3,400.00	146,200.00
85	8237050	Water Serv, Long, 2 inch	Ea	5.00	2,700.00	13,500.00	3,168.86	15,844.30	2,780.00	13,900.00	5,000.00	25,000.00	10,000.00	50,000.00	6,710.00	33,550.00
						1,079,095.65		964,269.07		1,008,839.67		1,021,990.58		1,454,642.90		1,646,018.50