

					ENGINEER'S ESTIMATE		BAILEY EXCAVATING, INC. PO BOX 660 JACKSON, MI 49204		DUNIGAN BROTHERS, INC. 911 E. SOUTH ST. JACKSON, MI 49203	
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 (\$)
1	1500001	Mobilization, Max \$62,000.00	LSUM	1.00	\$62,000.00	\$ 62,000.00	62,000.00	62,000.00	59,000.00	59,000.00
2	2020004	Tree, Rem, 6 inch to 18 inch	Ea	1.00	\$783.00	\$ 783.00	1,750.00	1,750.00	1,210.00	1,210.00
3	2020007	Stump, Rem, 37 inch or Larger	Ea	1.00	\$381.00	\$ 381.00	750.00	750.00	667.00	667.00
4	2030011	Dr Structure, Rem	Ea	9.00	\$390.00	\$ 3,510.00	535.00	4,815.00	381.10	3,429.90
5	2030015	Sewer, Rem, Less than 24 inch	Ft	111.00	\$21.50	\$ 2,386.50	28.48	3,161.28	19.10	2,120.10
6	2040020	Curb and Gutter, Rem	Ft	1,531.00	\$8.50	\$ 13,013.50	9.99	15,294.69	5.70	8,726.70
7	2040045	Masonry and Conc Structure, Rem	Cyd	5.00	\$82.00	\$ 410.00	75.00	375.00	95.30	476.50
8	2040055	Sidewalk, Rem	Syd	315.00	\$10.00	\$ 3,150.00	9.64	3,036.60	5.70	1,795.50
9	2040080	Exploratory Investigation, Vertical	Ft	20.00	\$66.00	\$ 1,320.00	175.00	3,500.00	75.30	1,506.00
10	2047001	Pavt Sawcut	Ft	111.00	\$2.70	\$ 299.70	4.15	460.65	2.40	266.40
11	2047011	Driveway Rem	Syd	150.00	\$10.00	\$ 1,500.00	11.20	1,680.00	5.70	855.00
12	2047011	HMA Surface, Rem, Modified	Syd	2,551.00	\$8.50	\$ 21,683.50	7.17	18,290.67	5.60	14,285.60
13	2050031	Non Haz Contaminated Material Handling and Disposal, LM	Cyd	50.00	\$37.00	\$ 1,850.00	80.00	4,000.00	46.40	2,320.00
14	2057001	Earth Sawcut	Ft	100.00	\$10.00	\$ 1,000.00	1.00	100.00	5.00	500.00
15	2057011	Subgrade Undercutting, 1 x 3	Syd	200.00	\$60.00	\$ 12,000.00	17.50	3,500.00	21.60	4,320.00
16	2057002	Roadway Grading, Special	Sta	10.00	\$4,000.00	\$ 40,000.00	3,120.00	31,200.00	6,170.00	61,700.00
17	2057021	Geogrid	Cyd	500.00	\$3.00	\$ 1,500.00	3.24	1,620.00	2.70	1,350.00
18	2057051	Tree Preservation	LSUM	1.00	\$2,400.00	\$ 2,400.00	1,500.00	1,500.00	1,500.00	1,500.00
19	2080016	Erosion Control, Gravel Access Approach	Ea	3.00	\$1,100.00	\$ 3,300.00	1,250.00	3,750.00	250.00	750.00
20	2080036	Erosion Control, Silt Fence	Ft	400.00	\$2.00	\$ 800.00	5.21	2,084.00	1.30	520.00
21	2087050	Erosion Control, Inlet Protection, Grate Filter, Rectangular	Ea	7.00	\$100.00	\$ 700.00	75.00	525.00	83.20	582.40
22	2080020	Erosion Control, Inlet Protection, Fabric Drop	Ea	5.00	\$98.00	\$ 490.00	125.00	625.00	101.30	506.50
23	2090001	Project Cleanup	LSUM	1.00	\$10,000.00	\$ 10,000.00	8,500.00	8,500.00	7,150.00	7,150.00
24	3027011	Aggregate Base, 8 inch, 21AA, Modified	Syd	2,442.00	\$14.00	\$ 34,188.00	11.64	28,424.88	17.60	42,979.20
25	3060020	Maintenance Gravel	Ton	50.00	\$35.00	\$ 1,750.00	19.20	960.00	13.00	650.00
26	4021260	Trench Undercut and Backfill	Cyd	20.00	\$53.00	\$ 1,060.00	37.25	745.00	65.50	1,310.00
27	4027001	Sewer Backfill, Class II	Ft	87.00	\$15.50	\$ 1,348.50	26.31	2,288.97	1.00	87.00
28	4027001	Sewer, DI, 8 inch	Ft	20.00	\$85.00	\$ 1,700.00	53.64	1,072.80	141.20	2,824.00
29	4027001	Sewer, CI E, 12 inch	Ft	67.00	\$52.00	\$ 3,484.00	42.03	2,816.01	137.70	9,225.90
30	4027050	Sewer Bulkhead, 12 inch	Ea	2.00	\$150.00	\$ 300.00	375.00	750.00	316.10	632.20
31	4030006	Dr Structure Cover, Adj, Case 2	Ea	1.00	\$550.00	\$ 550.00	575.00	575.00	533.00	533.00
32	4030312	Dr Structure, Tap, 12 inch	Ea	2.00	\$2,400.00	\$ 4,800.00	575.00	1,150.00	755.00	1,510.00
33	4037050	Catch Basin Cover, Curb	Ea	4.00	\$675.00	\$ 2,700.00	715.00	2,860.00	1,020.00	4,080.00
34	4037050	Utility Structure, Temp Lowering, Modified	Ea	3.00	\$300.00	\$ 900.00	475.00	1,425.00	276.00	828.00
35	4037050	Utility Structure Cover, Adj, Case 1, Modified	Ea	2.00	\$600.00	\$ 1,200.00	775.00	1,550.00	667.00	1,334.00
36	4037050	Mh Cover, Std	Ea	6.00	\$540.00	\$ 3,240.00	575.00	3,450.00	709.00	4,254.00
37	4037050	Catch Basin, 48 inch dia	Ea	3.00	\$2,500.00	\$ 7,500.00	1,620.00	4,860.00	3,600.00	10,800.00
38	5010025	Hand Patching	Ton	20.00	\$180.00	\$ 3,600.00	168.00	3,360.00	194.00	3,880.00

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39	5010033	HMA, 13A	Ton	538.00	\$90.00	\$ 48,420.00	95.55	51,405.90	104.00	55,952.00
40	8010005	Driveway, Nonreinf Conc, 6 inch	Syd	140.00	\$48.50	\$ 6,790.00	31.50	4,410.00	36.30	5,082.00
41	8027001	Curb and Gutter, Conc, Det F4, Modified	Ft	1,610.00	\$17.00	\$ 27,370.00	13.65	21,976.50	15.70	25,277.00
42	8120170	Minor Traf Devices	LSUM	1.00	\$10,000.00	\$ 10,000.00	5,000.00	5,000.00	3,450.00	3,450.00
43	8030044	Sidewalk, Conc, 4 inch	Sft	2,072.00	\$4.50	\$ 9,324.00	3.15	6,526.80	3.60	7,459.20
44	8030046	Sidewalk, Conc, 6 inch	Sft	825.00	\$7.75	\$ 6,393.75	3.15	2,598.75	3.60	2,970.00
45	8100371	Post, Steel, 3 lb	Ft	114.00	\$6.00	\$ 684.00	7.35	837.90	8.50	969.00
46	8100403	Sign, Type III, Rem	Ea	14.00	\$9.00	\$ 126.00	21.00	294.00	24.20	338.80
47	8100404	Sign, Type IIIA	Sft	9.00	\$16.00	\$ 144.00	26.25	236.25	30.30	272.70
48	8100405	Sign, Type IIIB	Sft	12.00	\$16.00	\$ 192.00	26.25	315.00	30.30	363.60
49	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	7.00	\$95.00	\$ 665.00	105.00	735.00	121.00	847.00
50	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	7.00	\$5.00	\$ 35.00	1.05	7.35	1.20	8.40
51	8120026	Pedestrian Type II Barricade, Temp	Ea	6.00	\$30.00	\$ 180.00	94.50	567.00	109.00	654.00
52	8120252	Plastic Drum, Fluorescent, Furn	Ea	50.00	\$23.00	\$ 1,150.00	19.95	997.50	23.00	1,150.00
53	8120253	Plastic Drum, Fluorescent, Oper	Ea	50.00	\$1.00	\$ 50.00	1.05	52.50	1.20	60.00
54	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	248.00	\$5.25	\$ 1,302.00	2.10	520.80	2.40	595.20
55	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	248.00	\$0.75	\$ 186.00	0.02	4.96	1.00	248.00
56	8120370	Traf Regulator Control	LSUM	1.00	\$3,500.00	\$ 3,500.00	1,500.00	1,500.00	2,500.00	2,500.00
57	8167011	Topsoil Surface, 4 inch	Syd	1,362.00	\$7.25	\$ 9,874.50	3.45	4,698.90	8.70	11,849.40
58	8167030	Fertilizer Chemical Nutrient, CI A, Modified	Lb	67.00	\$2.25	\$ 150.75	5.20	348.40	3.00	201.00
59	8167030	Seeding, Mixture THM, Modified	Lb	125.00	\$4.65	\$ 581.25	7.41	926.25	6.10	762.50
60	8237001	Water Main, 6 inch	Ft	5.00	\$80.00	\$ 400.00	125.41	627.05	269.10	1,345.50
61	8237001	Water Main, Dir Bore, 8 inch	Ft	709.00	\$90.00	\$ 63,810.00	85.11	60,342.99	124.00	87,916.00
62	8237050	Gate Valve and Box, 8 inch, Modified	Ea	2.00	\$1,770.00	\$ 3,540.00	1,769.15	3,538.30	1,560.00	3,120.00
63	8237050	Gate Box, Adj, Case 1, Modified	Ea	2.00	\$200.00	\$ 400.00	495.00	990.00	532.40	1,064.80
64	8237050	Hydrant Assembly	Ea	1.00	\$4,800.00	\$ 4,800.00	4,637.40	4,637.40	8,460.00	8,460.00
65	8237050	Hydrant, Rem, Modified	Ea	1.00	\$455.00	\$ 455.00	810.00	810.00	261.00	261.00
66	8237050	Water Main, Connect New 8 inch to Existing 8 inch	Ea	3.00	\$3,200.00	\$ 9,600.00	3,465.00	10,395.00	6,050.00	18,150.00
67	8237001	Hydrant Extension	Ft	2.00	\$700.00	\$ 1,400.00	685.00	1,370.00	1,030.00	2,060.00
68	8267030	Water Main Fittings, DI	Lb	500.00	\$5.50	\$ 2,750.00	5.65	2,825.00	4.80	2,400.00
69	8237001	Water Service Pipe, Cu, 1 inch	Ft	738.00	\$41.50	\$ 30,627.00	39.12	28,870.56	31.00	22,878.00
70	8237050	Bond Restoration	Ea	13.00	\$235.00	\$ 3,055.00	385.00	5,005.00	437.00	5,681.00
71	8237050	Plumbing Permit Acquisition and Compliance	Ea	13.00	\$280.00	\$ 3,640.00	495.00	6,435.00	141.50	1,839.50
72	8237050	Electrical Permit Acquisition and Compliance	Ea	13.00	\$235.00	\$ 3,055.00	175.00	2,275.00	200.00	2,600.00
73	8237050	Water Meter	Ea	13.00	\$640.00	\$ 8,320.00	325.00	4,225.00	624.10	8,113.30

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74	8237050	Water Meter Acquisition and Radio Reading Device Coordination	Ea	13.00	\$165.00	\$ 2,145.00	145.00	1,885.00	42.40	551.20
75	8237050	Wall Penetration Sleeve, Sch 40 PVC, 1 1/2 inch	Ea	13.00	\$170.00	\$ 2,210.00	265.00	3,445.00	55.00	715.00
76	8237050	Water Serv, 1 inch	Ea	5.00	\$1,900.00	\$ 9,500.00	1,420.00	7,100.00	2,090.00	10,450.00
77	8237050	Water Serv, Long, 1 inch	Ea	8.00	\$2,300.00	\$ 18,400.00	2,410.00	19,280.00	2,490.00	19,920.00
78	4027001	Sanitary Sewer Backfill, Class II	Ft	739.00	\$50.00	\$ 36,950.00	43.33	32,020.87	1.00	739.00
79	4027001	Sanitary Sewer, SDR 26 PVC, 12 inch	Ft	739.00	\$52.00	\$ 38,428.00	61.65	45,559.35	180.10	133,093.90
80	4027001	Sanitary Sewer, Service Connection beyond 10 feet	Ft	282.00	\$70.00	\$ 19,740.00	49.21	13,877.22	96.60	27,241.20
81	4027050	Sanitary Sewer, Service Connection with 12 inch x 6 inch Wye	Ea	9.00	\$1,250.00	\$ 11,250.00	1,617.14	14,554.26	2,720.00	24,480.00
82	4027050	Sanitary Manhole, 48 inch dia	Ea	3.00	\$2,500.00	\$ 7,500.00	2,723.22	8,169.66	5,780.00	17,340.00
83	8260148	Flowable Fill, Non-Structural	Cyd	34.00	\$133.00	\$ 4,522.00	175.00	5,950.00	210.00	7,140.00
84	4030280	Dr Structure, Adj, Add Depth	Ft	1.00	\$145.00	\$ 145.00	325.00	325.00	191.00	191.00
85	4037001	Storm Manhole, Add Depth of 84 inch Dia, 8 feet to 15 feet	Ft	7.00	\$100.00	\$ 700.00	225.00	1,575.00	121.00	847.00
86	4037050	Storm Manhole, 84 inch Dia	Ea	1.00	\$6,225.00	\$ 6,225.00	6,785.29	6,785.29	26,980.00	26,980.00
87	8030010	Detectable Warning Surface	Ft	22.00	\$35.00	\$ 770.00	31.50	693.00	36.30	798.60
88	8030030	Curb Ramp Opening, Conc	Ft	22.00	\$25.00	\$ 550.00	21.00	462.00	24.20	532.40
89	8030036	Sidewalk Ramp, Conc, 6 inch	Sft	203.00	\$7.75	\$ 1,573.25	5.25	1,065.75	6.10	1,238.30
90	8100402	Sign, Type III, Erect, Salv	Ea	3.00	\$42.00	\$ 126.00	55.00	165.00	60.50	181.50
91	8237001	Water Main Backfill, Class II	Ft	129.00	\$17.50	\$ 2,257.50	26.34	3,397.86	1.00	129.00
92	8237001	Water Main, 8 inch	Ft	129.00	\$85.00	\$ 10,965.00	84.31	10,875.99	244.80	31,579.20
93	8197001	Conductor, THWN, in Conduit, 600 V, 1C, #6 AWG	Ft	1,410.00	\$2.15	\$ 3,031.50	2.58	3,637.80	3.30	4,653.00
94	8197001	Conduit, 3 inch, Sch/HDPE (Empty)	Ft	705.00	\$12.00	\$ 8,460.00	19.75	13,923.75	25.10	17,695.50
95	8197001	Equipment Grounding Conductor, in Conduit, 1C, #6 AWG	Ft	705.00	\$1.85	\$ 1,304.25	2.01	\$1,417.05	\$2.50	\$1,762.50