

				ENGINEER'S ESTIMATE			Bailey Excavating, Inc. 1073 Toro Dr. Jackson, MI 49201	
Line	Pay Item	Description	Unit	Total Estimated Quantity	Estimated Unit Price (\$)	Estimated Total Cost (\$)	Estimated Unit Price (\$)	Estimated Total Cost (\$)
001	1500001	Mobilization, Max (10%)	LSUM	1.00	\$ 254,200.00	254,200.00	300,000.00	300,000.00
002	2020002	Tree, Rem, 19 inch to 36 inch	Ea	1.00	\$ 1,500.00	1,500.00	1,750.00	1,750.00
005	2020006	Stump, Rem, 19 inch to 36 inch	Ea	2.00	\$ 1,200.00	2,400.00	550.00	1,100.00
006	2030011	Dr Structure, Rem	Ea	17.00	\$ 650.00	11,050.00	525.00	8,925.00
007	2030015	Sewer, Rem, Less than 24 inch	Ft	20.00	\$ 21.50	430.00	40.00	800.00
008	2037001	Gas Main, Rem	Ft	700.00	\$ 23.20	16,240.00	17.31	12,117.00
009	2040020	Curb and Gutter, Rem	Ft	4,435.00	\$ 8.50	37,697.50	8.20	36,367.00
011	2040045	Masonry and Conc Structure, Rem	Cyd	20.00	\$ 100.00	2,000.00	20.00	400.00
012	2040050	Pavt, Rem, Modified	Syd	5,740.00	\$ 12.50	71,750.00	8.64	49,593.60
013	2040055	Sidewalk, Rem	Syd	1,599.00	\$ 10.00	15,990.00	8.21	13,127.79
014	2047001	Pavt Sawcut	Ft	788.00	\$ 2.50	1,970.00	4.95	3,900.60
015	2047011	Driveway, Rem	Syd	334.00	\$ 10.00	3,340.00	13.10	4,375.40
016	2047011	HMA Surface, Rem, Modified	Syd	3,645.00	\$ 7.50	27,337.50	6.90	25,150.50
017	2050018	Excavation, Rock	Cyd	20.00	\$ 120.00	2,400.00	50.00	1,000.00
018	2050031	Non Haz Contaminated Material Handling and Disposal, LM	Cyd	20.00	\$ 75.40	1,508.00	50.00	1,000.00
019	2050148	Flowable Fill, Non-Structural	Cyd	20.00	\$ 324.00	6,480.00	125.00	2,500.00
020	2057002	Roadway Grading, Special	Sta	28.00	\$ 3,200.00	89,600.00	3,750.00	105,000.00
021	2020008	Stump, Rem, 6 inch to 18 inch	Ea	2.00	\$ 250.00	500.00	375.00	750.00
022	2040080	Exploratory Investigation, Vertical	Ft	12.00	\$ 66.00	792.00	75.00	900.00
023	4021231	Sewer Bulkhead, 15 inch	Ea	2.00	\$ 330.00	660.00	575.00	1,150.00
024	2057011	Subgrade Undercutting, 1 x 3	Cyd	155.00	\$ 60.00	9,300.00	50.00	7,750.00
025	2057021	Geogrid	Syd	440.00	\$ 3.00	1,320.00	5.75	2,530.00
026	2080016	Erosion Control, Gravel Access Approach	Ea	9.00	\$ 550.00	4,950.00	1,500.00	13,500.00
027	2087050	Erosion Control, Inlet Protection, Grate Filter, Rectangular	Ea	37.00	\$ 100.00	3,700.00	150.00	5,550.00
028	2090001	Project Cleanup	LSUM	1.00	\$ 12,480.00	12,480.00	25,000.00	25,000.00
030	3027011	Aggregate Base, 8 inch, 21AA, Modified	Syd	8,815.00	\$ 15.00	132,225.00	14.45	127,376.75
031	3060020	Maintenance Gravel	Ton	80.00	\$ 35.00	2,800.00	45.00	3,600.00
033	4021260	Trench Undercut and Backfill	Cyd	130.00	\$ 61.48	7,992.40	45.00	5,850.00
034	4027001	Sanitary Sewer Backfill, Class II	Ft	2,701.00	\$ 108.00	291,708.00	83.99	226,856.99
035	4027001	Sanitary Sewer, SDR 26 PVC, 12 inch	Ft	1,992.00	\$ 136.80	272,505.60	205.28	408,917.76
036	4027001	Sanitary Sewer, SDR 26 PVC, 8 inch	Ft	709.00	\$ 122.40	86,781.60	174.15	123,472.35

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037	4027001	Sanitary Sewer, Service Connection beyond 10 feet	Ft	490.00	\$ 100.80	49,392.00	126.32	61,896.80
038	4027001	Sewer Backfill, Class II	Ft	40.00	\$ 15.50	620.00	41.40	1,656.00
039	4027001	Sewer, CI E, 12 inch	Ft	40.00	\$ 52.00	2,080.00	108.64	4,345.60
042	4027050	Sanitary Manhole, 48 inch dia	Ea	14.00	\$ 3,600.00	50,400.00	5,192.00	72,688.00
044	4027050	Sanitary Sewer, Service Connection with 12 inch x 6 inch Wye	Ea	56.00	\$ 1,800.00	100,800.00	2,250.00	126,000.00
045	4027050	Sanitary Sewer, Service Connection with 8 inch x 6 inch Wye	Ea	15.00	\$ 1,800.00	27,000.00	2,150.00	32,250.00
047	4030280	Dr Structure, Adj, Add Depth	Ft	4.00	\$ 145.00	580.00	450.00	1,800.00
048	4030312	Dr Structure, Tap, 12 inch	Ea	4.00	\$ 2,400.00	9,600.00	875.00	3,500.00
051	4037050	Catch Basin Cover, Curb	Ea	5.00	\$ 675.00	3,375.00	1,050.00	5,250.00
052	4037050	Catch Basin, 48 inch dia	Ea	4.00	\$ 2,500.00	10,000.00	3,974.96	15,899.84
053	4037050	Mh Cover, Std	Ea	24.00	\$ 540.00	12,960.00	730.00	17,520.00
055	4037050	Utility Structure Cover, Adj, Case 1, Modified	Ea	60.00	\$ 800.00	48,000.00	925.00	55,500.00
056	4037050	Utility Structure, Temp Lowering, Modified	Ea	10.00	\$ 300.00	3,000.00	675.00	6,750.00
057	5010025	Hand Patching	Ton	20.00	\$ 180.00	3,600.00	330.00	6,600.00
058	5010033	HMA, 13A	Ton	2,072.00	\$ 90.00	186,480.00	145.36	301,185.92
061	8010005	Driveway, Nonreinf Conc, 6 inch	Syd	665.00	\$ 48.50	32,252.50	41.80	27,797.00
062	8020002	Curb, Conc, Det E2	Ft	20.00	\$ 18.00	360.00	39.50	790.00
063	8020038	Curb and Gutter, Conc, Det F4	Ft	3,635.00	\$ 23.00	83,605.00	29.60	107,596.00
064	8030010	Detectable Warning Surface	Ft	127.00	\$ 35.00	4,445.00	44.00	5,588.00
065	8030030	Curb Ramp Opening, Conc	Ft	902.00	\$ 25.00	22,550.00	29.60	26,699.20
066	8030044	Sidewalk, Conc, 4 inch	Sft	6,090.00	\$ 4.50	27,405.00	4.95	30,145.50
067	8030046	Sidewalk, Conc, 6 inch	Sft	2,394.00	\$ 7.75	18,553.50	5.11	12,233.34
068	8032002	Curb Ramp, Conc, 6 inch	Sft	2,604.00	\$ 10.00	26,040.00	7.10	18,488.40
069	8100371	Post, Steel, 3 lb	Ft	221.00	\$ 6.00	1,326.00	11.28	2,492.88
070	8100402	Sign, Type III, Erect, Salv	Ea	1.00	\$ 42.00	42.00	71.50	71.50
071	8100403	Sign, Type III, Rem	Ea	32.00	\$ 9.00	288.00	49.50	1,584.00
072	8100404	Sign, Type IIIA	Sft	178.00	\$ 16.00	2,848.00	22.28	3,965.84
073	8100405	Sign, Type IIIB	Sft	5.00	\$ 16.00	80.00	22.28	111.40

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074	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	32.00	\$ 95.00	3,040.00	73.37	2,347.84
075	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	32.00	\$ 5.00	160.00	6.38	204.16
076	8120026	Pedestrian Type II Barricade, Temp	Ea	30.00	\$ 30.00	900.00	63.80	1,914.00
083	8120170	Minor Traf Devices	LSUM	1.00	\$ 12,480.00	12,480.00	25,000.00	25,000.00
084	8120252	Plastic Drum, Fluorescent, Furn	Ea	75.00	\$ 23.00	1,725.00	33.18	2,488.50
085	8120253	Plastic Drum, Fluorescent, Oper	Ea	75.00	\$ 1.00	75.00	1.28	96.00
086	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	511.00	\$ 5.25	2,682.75	4.42	2,258.62
087	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	512.00	\$ 0.75	384.00	0.30	153.60
090	8120370	Traf Regulator Control	LSUM	1.00	\$ 24,960.00	24,960.00	2,500.00	2,500.00
091	8150001	Site Preparation, Max \$11,100.00	LSUM	1.00	\$ 10,848.00	10,848.00	11,100.00	11,100.00
092	8150002	Watering and Cultivating, First Season, Min \$5,400.00	LSUM	1.00	\$ 5,280.00	5,280.00	8,500.00	8,500.00
093	8150003	Watering and Cultivating, 2nd Season, Min \$6,700.00	LSUM	1.00	\$ 6,528.00	6,528.00	8,500.00	8,500.00
094	8157011	Shredded Mulch	Syd	60.00	\$ 10.00	600.00	95.00	5,700.00
095	8157050	Acer Rubrum 'Bowhall', 2 1/2 inch	Ea	6.00	\$ 925.00	5,550.00	1,450.00	8,700.00
096	8157050	Gledistia Triacanthos Inermis 'Skyline', 2 1/2 inch	Ea	10.00	\$ 925.00	9,250.00	1,450.00	14,500.00
097	8157050	Pyrus Calleryana, 2 1/2 inch	Ea	9.00	\$ 925.00	8,325.00	1,450.00	13,050.00
098	8157050	Syringa Reticulata, 2 1/2 inch	Ea	10.00	\$ 925.00	9,250.00	1,450.00	14,500.00
099	8167011	Turf Establishment, Performance	Syd	4,609.00	\$ 8.00	36,872.00	8.61	39,683.49
100	8237001	Hydrant Extension	Ft	4.00	\$ 812.00	3,248.00	600.00	2,400.00
101	8237001	Tracer Wire, Modified	Ft	6,002.00	\$ 1.16	6,962.32	3.31	19,866.62
102	8237001	Water Main Backfill, Class II	Ft	3,001.00	\$ 40.60	121,840.60	41.48	124,481.48
103	8237001	Water Main, 12 inch	Ft	100.00	\$ 116.00	11,600.00	292.16	29,216.00
104	8237001	Water Main, 6 inch	Ft	40.00	\$ 116.00	4,640.00	196.30	7,852.00
105	8237001	Water Main, 8 inch	Ft	2,901.00	\$ 104.40	302,864.40	121.20	351,601.20
106	8237001	Water Service Pipe, Cu, 1 inch	Ft	1,800.00	\$ 48.14	86,652.00	27.30	49,140.00
107	8237050	Bond Restoration	Ea	64.00	\$ 272.60	17,446.40	425.00	27,200.00
108	8237050	Electrical Permit Acquisition and Compliance	Ea	64.00	\$ 272.60	17,446.40	395.00	25,280.00

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109	8237050	Gate Box, Adj, Case 1, Modified	Ea	13.00	\$ 232.00	3,016.00	775.00	10,075.00
111	8237050	Gate Valve and Box, 8 inch, Modified	Ea	13.00	\$ 2,053.20	26,691.60	3,573.31	46,453.03
112	8237050	Hydrant Assembly	Ea	5.00	\$ 5,568.00	27,840.00	6,820.00	34,100.00
113	8237050	Hydrant, Rem, Modified	Ea	5.00	\$ 527.80	2,639.00	575.00	2,875.00
114	8237050	Plumbing Permit Acquisition and Compliance	Ea	64.00	\$ 324.80	20,787.20	450.00	28,800.00
115	8237050	Tracer Wire, Grounding Rod	Ea	17.00	\$ 87.00	1,479.00	120.00	2,040.00
116	8237050	Wall Penetration Sleeve, Sch 40 PVC, 1-1/2 inch	Ea	64.00	\$ 197.20	12,620.80	225.00	14,400.00
118	8237050	Water Main, Connect New 8 inch to Existing 6 inch	Ea	12.00	\$ 3,712.00	44,544.00	7,500.00	90,000.00
119	8237050	Water Main, Connect New 8 inch to Existing 8 inch	Ea	1.00	\$ 3,712.00	3,712.00	8,450.00	8,450.00
120	8237050	Water Main, Cut and Plug, 6 inch	Ea	8.00	\$ 696.00	5,568.00	475.00	3,800.00
121	8237050	Water Main, Cut and Plug, 8 inch	Ea	2.00	\$ 928.00	1,856.00	575.00	1,150.00
122	8237050	Water Meter	Ea	64.00	\$ 742.40	47,513.60	275.00	17,600.00
123	8237050	Water Meter Acquisition and Radio Reading Device Coordination	Ea	64.00	\$ 191.40	12,249.60	275.00	17,600.00
124	8237050	Water Serv, 1 inch	Ea	33.00	\$ 1,972.00	65,076.00	3,285.00	108,405.00
125	8237050	Water Serv, Long, 1 inch	Ea	31.00	\$ 2,668.00	82,708.00	3,830.00	118,730.00
126	8237050	Water Serv, Long, 2 inch	Ea	1.00	\$ 3,132.00	3,132.00	5,390.40	5,390.40
127	8237050	Water Service, Abandon, Two-inch Diameter or Less	Ea	51.00	\$ 232.00	11,832.00	250.00	12,750.00
128	8267030	Water Main Fittings, DI	Lb	4,000.00	\$ 6.38	25,520.00	5.50	22,000.00
129	4027001	Sewer, DI, 8 inch	Ft	40.00	\$ 85.00	3,400.00	125.00	5,000.00
130	4037050	Catch Basin, 24 inch dia	Ea	2.00	\$ 1,540.00	3,080.00	2,720.00	5,440.00
131	6030005	Cement	Ton	2.00	\$ 248.00	496.00	150.00	300.00
132	8010007	Driveway, Nonreinf Conc, 8 inch	Syd	11.00	\$ 44.00	484.00	75.00	825.00
133	8230391	Gate Box, Adj, Temp, Case 1	Ea	13.00	\$ 275.00	3,575.00	675.00	8,775.00
134	8237050	Water Main, Connect New 12 inch to Existing 12 inch	Ea	2.00	\$ 6,235.00	12,470.00	9,540.00	19,080.00
135	8237050	Gate Valve and Box, 12 inch, Modified	Ea	2.00	\$ 4,350.00	8,700.00	5,170.80	10,341.60
136	8237050	Water Main, Cut and Plug, 12 inch	Ea	2.00	\$ 1,160.00	2,320.00	1,250.00	2,500.00

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						\$ 3,246,209.27		\$ 3,865,829.50