

				ENGINEER'S ESTIMATE			DUNIGAN BROTHERS 911 E. SOUTH ST. JACKSON, MI 49201		ANLAAN CORPORATION 16750 LINCOLN STREET GRAND HAVEN, MI 49417		ERIE CONSTRUCTION LLC 22051 COMMERCE DRIVE WOODHAVEN, MI 48183	
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 (\$)
001	1100001	Mobilization, Max (10%)	LSUM	1.00	\$ 43,700.00	43,700.00	\$ 35,000.00	35,000.00	\$ 70,000.00	70,000.00	\$ 81,000.00	81,000.00
002	2010001	Clearing	Acre	1.44	\$ 12,000.00	17,280.00	\$ 21,310.00	30,686.40	\$ 8,400.00	12,096.00	\$ 8,820.00	12,700.80
003	2020004	Tree, Rem, 6 inch to 18 inch	Ea	4.00	\$ 1,000.00	4,000.00	\$ 1,620.00	6,480.00	\$ 750.00	3,000.00	\$ 900.00	3,600.00
004	2040020	Curb and Gutter, Rem	Ft	133.00	\$ 9.00	1,197.00	\$ 7.90	1,050.70	\$ 20.00	2,660.00	\$ 37.00	4,921.00
005	2040055	Sidewalk, Rem	Syd	269.00	\$ 9.00	2,421.00	\$ 5.90	1,587.10	\$ 35.00	9,415.00	\$ 10.00	2,690.00
006	2047001	Pavt, Sawcut	Ft	163.00	\$ 3.00	489.00	\$ 3.00	489.00	\$ 3.50	570.50	\$ 3.00	489.00
007	2047011	HMA Surface, Rem, Modified	Syd	3,076.00	\$ 8.50	26,146.00	\$ 4.60	14,149.60	\$ 5.00	15,380.00	\$ 7.00	21,532.00
008	2050031	Non Haz Contaminated Material Handling and Disposal, LM	Cyd	20.00	\$ 50.00	1,000.00	\$ 62.00	1,240.00	\$ 50.00	1,000.00	\$ 82.00	1,640.00
009	2057011	Subgrade Undercutting, 1 x 3	Cyd	110.00	\$ 35.00	3,850.00	\$ 82.20	9,042.00	\$ 50.00	5,500.00	\$ 87.00	9,570.00
010	2057021	Geogrid	Syd	330.00	\$ 3.50	1,155.00	\$ 3.90	1,287.00	\$ 3.00	990.00	\$ 8.50	2,805.00
011	2080016	Erosion Control, Gravel Access Approach	Ea	4.00	\$ 900.00	3,600.00	\$ 196.60	786.40	\$ 590.00	2,360.00	\$ 1,500.00	6,000.00
012	2080036	Erosion Control, Silt Fence	Ft	685.00	\$ 2.00	1,370.00	\$ 3.10	2,123.50	\$ 3.50	2,397.50	\$ 3.10	2,123.50
013	2087050	Erosion Control, Inlet Protection, Grate Filter, Rectangular	Ea	9.00	\$ 300.00	2,700.00	\$ 66.50	598.50	\$ 250.00	2,250.00	\$ 120.00	1,080.00
014	2090001	Project Cleanup	LSUM	1.00	\$ 4,500.00	4,500.00	\$ 5,895.00	5,895.00	\$ 5,000.00	5,000.00	\$ 6,500.00	6,500.00
015	3027011	Aggregate Base, 6 inch, 21AA, Modified	Syd	4,480.00	\$ 7.50	33,600.00	\$ 22.00	98,560.00	\$ 21.00	94,080.00	\$ 21.00	94,080.00
016	3060020	Maintenance Gravel	Ton	20.00	\$ 27.00	540.00	\$ 1.20	24.00	\$ 60.00	1,200.00	\$ 82.00	1,640.00
017	5010025	Hand Patching	Ton	12.00	\$ 145.00	1,740.00	\$ 272.40	3,268.80	\$ 350.00	4,200.00	\$ 410.00	4,920.00
018	6020015	Conc Base Cse, Nonreinf, 6 inch	Syd	14.00	\$ 35.00	490.00	\$ 65.40	915.60	\$ 58.50	819.00	\$ 77.00	1,078.00
019	6020104	Conc Pavt, Nonreinf, 8 inch	Syd	44.00	\$ 73.00	3,212.00	\$ 87.20	3,836.80	\$ 76.50	3,366.00	\$ 87.00	3,828.00
020	8020002	Curb, Conc, Det E2	Ft	30.00	\$ 25.00	750.00	\$ 38.70	1,161.00	\$ 36.50	1,095.00	\$ 51.00	1,530.00
021	8027001	Curb and Gutter, Conc, Det F4	Ft	38.00	\$ 18.50	703.00	\$ 36.30	1,379.40	\$ 34.50	1,311.00	\$ 36.00	1,368.00
022	8030010	Detectable Warning Surface	Ft	84.00	\$ 40.00	3,360.00	\$ 48.40	4,065.60	\$ 40.00	3,360.00	\$ 86.00	7,224.00
023	8030030	Curb Ramp Opening, Conc	Ft	95.00	\$ 2.90	275.50	\$ 36.30	3,448.50	\$ 34.50	3,277.50	\$ 36.00	3,420.00
024	8030044	Sidewalk, Conc, 4 inch	Sft	476.00	\$ 6.00	2,856.00	\$ 6.10	2,903.60	\$ 5.90	2,808.40	\$ 8.00	3,808.00
025	8032002	Curb Ramp, Conc, 6 inch	Sft	1,038.00	\$ 10.00	10,380.00	\$ 9.40	9,757.20	\$ 8.70	9,030.60	\$ 10.50	10,899.00
026	8060020	Shared Use Path, Conc	Syd	4,544.00	\$ 31.00	140,864.00	\$ 51.00	231,744.00	\$ 43.00	195,392.00	\$ 62.75	285,136.00
027	8060030	Shared Use Path, Grading	Ft	3,359.00	\$ 12.00	40,308.00	\$ 17.50	58,782.50	\$ 25.50	85,654.50	\$ 30.00	100,770.00
028	8100371	Post, Steel, 3 lb	Ft	226.00	\$ 6.50	1,469.00	\$ 10.30	2,327.80	\$ 8.50	1,921.00	\$ 8.50	1,921.00

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029	8100402	Sign, Type III, Erect, Salv	Ea	3.00	\$ 50.00	150.00	\$ 90.80	272.40	\$ 75.00	225.00	\$ 75.00	225.00
030	8100403	Sign, Type III, Rem	Ea	26.00	\$ 20.00	520.00	\$ 90.80	2,360.80	\$ 75.00	1,950.00	\$ 75.00	1,950.00
031	8100405	Sign, Type IIIB	Sft	101.50	\$ 16.50	1,674.75	\$ 21.80	2,212.70	\$ 18.00	1,827.00	\$ 18.00	1,827.00
032	8110041	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	Ft	305.00	\$ 5.50	1,677.50	\$ 6.10	1,860.50	\$ 9.00	2,745.00	\$ 22.00	6,710.00
033	8110343	Rem Spec Marking	Sft	300.00	\$ 4.00	1,200.00	\$ 6.10	1,830.00	\$ 3.00	900.00	\$ 2.90	870.00
034	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	17.00	\$ 92.00	1,564.00	\$ 67.00	1,139.00	\$ 55.00	935.00	\$ 55.00	935.00
035	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	17.00	\$ 5.00	85.00	\$ 6.10	103.70	\$ 5.00	85.00	\$ 5.00	85.00
036	8120026	Pedestrian Type II Barricade, Temp	Ea	8.00	\$ 105.00	840.00	\$ 121.10	968.80	\$ 100.00	800.00	\$ 100.00	800.00
037	8120035	Channelizing Device, 42 inch, Fluorescent, Furn	Ea	70.00	\$ 20.00	1,400.00	\$ 18.20	1,274.00	\$ 15.00	1,050.00	\$ 15.00	1,050.00
038	8120036	Channelizing Device, 42 inch, Fluorescent, Oper	Ea	70.00	\$ 42.00	2,940.00	\$ 1.20	84.00	\$ 1.00	70.00	\$ 1.00	70.00
039	8120140	Lighted Arrow, Type C, Furn	Ea	1.00	\$ 425.00	425.00	\$ 242.10	242.10	\$ 200.00	200.00	\$ 200.00	200.00
040	8120141	Lighted Arrow, Type C, Oper	Ea	1.00	\$ 60.00	60.00	\$ 121.10	121.10	\$ 100.00	100.00	\$ 100.00	100.00
041	8120170	Minor Traf Devices	LSUM	1.00	\$ 5,000.00	5,000.00	\$ 14,110.00	14,110.00	\$ 37,000.00	37,000.00	\$ 55,000.00	55,000.00
042	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	465.25	\$ 9.50	4,419.88	\$ 2.40	1,116.60	\$ 2.00	930.50	\$ 2.00	930.50
043	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	465.25	\$ 1.00	465.25	\$ 1.20	558.30	\$ 1.00	465.25	\$ 1.00	465.25
044	8120352	Sign, Type B, Temp, Prismatic, Spec, Furn	Sft	70.50	\$ 9.50	669.75	\$ 8.50	599.25	\$ 7.00	493.50	\$ 7.00	493.50
045	8120353	Sign, Type B, Temp, Prismatic, Spec, Oper	Sft	70.50	\$ 1.00	70.50	\$ 1.20	84.60	\$ 1.00	70.50	\$ 1.00	70.50
046	8120370	Traffic Regulator Control	LSUM	1.00	\$ 5,000.00	5,000.00	\$ 1.00	1.00	\$ 1.00	1.00	\$ 3,600.00	3,600.00
047	8122250	Pedestrian Path, Temp	Ft	100.00	\$ 25.00	2,500.00	\$ 33.10	3,310.00	\$ 27.00	2,700.00	\$ 26.00	2,600.00
048	8150002	Watering and Cultivating, First Season, Min. \$1,000.00	LSUM	1.00	\$ 1,500.00	1,500.00	\$ 3,025.00	3,025.00	\$ 1,850.00	1,850.00	\$ 4,800.00	4,800.00
049	8150003	Watering and Cultivating, Second Season, Min. \$1,000.00	LSUM	1.00	\$ 1,500.00	1,500.00	\$ 3,025.00	3,025.00	\$ 2,000.00	2,000.00	\$ 5,500.00	5,500.00

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050	8150145	Acer rubrum Red Sunset, 2 inch	Ea	2.00	\$ 500.00	1,000.00	\$ 823.20	1,646.40	\$ 600.00	1,200.00	\$ 825.00	1,650.00
051	8152885	Platanus x acerifolia Bloodgood, 2 inch	Ea	2.00	\$ 500.00	1,000.00	\$ 774.70	1,549.40	\$ 600.00	1,200.00	\$ 825.00	1,650.00
052	8157050	Bench, Rem	Ea	2.00	\$ 800.00	1,600.00	\$ 136.10	272.20	\$ 200.00	400.00	\$ 130.00	260.00
053	8157050	Bench, Covered, Rem	Ea	1.00	\$ 1,500.00	1,500.00	\$ 393.20	393.20	\$ 500.00	500.00	\$ 500.00	500.00
054	8157050	Landscape Planters, Rem	Ea	2.00	\$ 300.00	600.00	\$ 491.40	982.80	\$ 600.00	1,200.00	\$ 230.00	460.00
055	8157050	Steel Gate and Fence, Rem	Ea	1.00	\$ 2,500.00	2,500.00	\$ 408.20	408.20	\$ 500.00	500.00	\$ 580.00	580.00
056	8157050	Tree, Transplant, 6.0 to 7.0 inch Caliper	Ea	1.00	\$ 3,500.00	3,500.00	\$ 1,815.00	1,815.00	\$ 2,800.00	2,800.00	\$ 1,350.00	1,350.00
057	8167011	Turf Establishment, Performance	Syd	11,510.00	\$ 6.00	69,060.00	\$ 7.30	84,023.00	\$ 8.00	92,080.00	\$ 2.60	29,926.00
058	8197050	Light, Shoebox, Install	Ea	2.00	\$ 600.00	1,200.00	\$ 1,415.00	2,830.00	\$ 1,000.00	2,000.00	\$ 1,000.00	2,000.00
059	8207001	Conduit, 1-1/2 inch, Sch 80/PVC (Empty)	Ft	70.00	\$ 35.00	2,450.00	\$ 92.00	6,440.00	\$ 65.00	4,550.00	\$ 67.00	4,690.00
060	8207050	Infrared Bollard, Fdn	Ea	4.00	\$ 850.00	3,400.00	\$ 2,265.00	9,060.00	\$ 1,600.00	6,400.00	\$ 1,600.00	6,400.00
061	8207050	Infrared Bollard, Reinstall	Ea	4.00	\$ 1,000.00	4,000.00	\$ 1,910.00	7,640.00	\$ 1,350.00	5,400.00	\$ 1,350.00	5,400.00
062	8207050	Infrared Bollard, Fdn, Rem	Ea	4.00	\$ 200.00	800.00	\$ 1,310.00	5,240.00	\$ 925.00	3,700.00	\$ 925.00	3,700.00
063	8207050	Infrared Bollard, Rem and Salv	Ea	4.00	\$ 150.00	600.00	\$ 566.10	2,264.40	\$ 400.00	1,600.00	\$ 400.00	1,600.00
064	8207050	Lending Library, Relocate	Ea	1.00	\$ 200.00	200.00	\$ 266.10	266.10	\$ 400.00	400.00	\$ 700.95	700.95
						\$ 481,027.13		\$ 695,719.55		\$ 720,461.75		\$ 827,422.00