



# City of Muskegon

B 253 Jefferson & Western Parking Lot

## Engineer's Estimate of Costs

Engineer: Joel Brookens Date: 03/22/18

Pay Item	Description	Supplemental Description	Qty	Unit	Unit Price	Total
1	1500001	Mobilization, Max				
		\$20,000.00 Max.	1	LSUM	\$ 10,000.00	\$ 10,000.00
2	2020004	Tree, Rem, 6 inch to 18 inch	8	Ea	\$ 150.00	\$ 1,200.00
3	2027050					
		Hedge, Rem	1	Ea	\$ 500.00	\$ 500.00
4	2037050					
		Dr Structure, Rem, Modified	4	Ea	\$ 350.00	\$ 1,400.00
5	2040020	Curb and Gutter, Rem	280	Ft	\$ 8.00	\$ 2,240.00
6	2040035	Guardrail, Rem	55	Ft	\$ 2.00	\$ 110.00
7	2040045	Masonry and Conc Structure, Rem	20	Cyd	\$ 70.00	\$ 1,400.00
8	2040055	Sidewalk, Rem	65	Syd	\$ 8.00	\$ 520.00
9	2040070	Utility Pole, Rem	1	Ea	\$ 200.00	\$ 200.00
10	2047011					
		Pavt, Rem, Modified	2437	Syd	\$ 5.00	\$ 12,185.00
11	2050010	Embankment, CIP	80	Cyd	\$ 8.00	\$ 640.00
12	2050016	Excavation, Earth	1703	Cyd	\$ 8.00	\$ 13,624.00
13	2080020	Erosion Control, Inlet Protection, Fabric Drop	6	Ea	\$ 100.00	\$ 600.00
14	2090001	Project Cleanup	1	LSUM	\$ 500.00	\$ 500.00
15	3020016	Aggregate Base, 6 inch	4450	Syd	\$ 6.00	\$ 26,700.00
16	4020600	Sewer, CI E, 12 inch, Tr Det B	135	Ft	\$ 40.00	\$ 5,400.00
17	4021204	Sewer Tap, 12 inch	1	Ea	\$ 300.00	\$ 300.00
18	4037050					
		Catch Basin 2 FT ID Special Detail	3	Ea	\$ 1,100.00	\$ 3,300.00
19	4037050					
		Catch Basin Specail Detail	2	Ea	\$ 1,500.00	\$ 3,000.00
20	4037050					
		Dr Structure Cover, Type B, Modified	1	Ea	\$ 600.00	\$ 600.00
21	4037050					
		Dr Structure Cover, Type D, Modified	3	Ea	\$ 650.00	\$ 1,950.00
22	5010033	HMA, 13A	475	Ton	\$ 75.00	\$ 35,625.00
23	5010034	HMA, 36A	350	Ton	\$ 80.00	\$ 28,000.00
24	6020054	Conc Pavt, Misc, Nonreinf, 8 inch	35	Syd	\$ 50.00	\$ 1,750.00
25	8017011					
		Driveway, Nonreinf Conc, 6 Inch, Modified	75	Syd	\$ 40.00	\$ 3,000.00
26	8020038	Curb and Gutter, Conc, Det F4	920	Ft	\$ 12.00	\$ 11,040.00
27	8030044	Sidewalk, Conc, 4 inch	1970	Sft	\$ 3.00	\$ 5,910.00
28	8030046	Sidewalk, Conc, 6 inch	500	Sft	\$ 4.00	\$ 2,000.00
29	8037001					
		Decorative Block Wall Special Detail	335	Ft	\$ 80.00	\$ 26,800.00
30	8037010					
		Sidewalk, Conc, 6 inch, Colored	120	Sft	\$ 10.00	\$ 1,200.00
31	8037010					
		Sidewalk, conc, 6 inch, Colored with Acidic Stain	10	Sft	\$ 20.00	\$ 200.00
32	8100370	Post, Steel, 2 lb	36	Ft	\$ 5.00	\$ 180.00
33	8100371	Post, Steel, 3 lb	24	Ft	\$ 6.00	\$ 144.00
34	8100404	Sign, Type IIIA	14.5	Sft	\$ 20.00	\$ 290.00
35	8110231	Pavt Mrkg, Waterborne, 4 inch, White	2130	Ft	\$ 1.00	\$ 2,130.00
36	8117001					
		Pavt Mrkg, Waterborne, 4 inch, Blue	220	Ft	\$ 1.50	\$ 330.00
37	8117050					
		Pavt Mrkg, Waterborne, Handicap, Sym, Blue	4	Ea	\$ 150.00	\$ 600.00
38	8120170	Minor Traf Devices	1	LSUM	\$ 500.00	\$ 500.00
39	8120250	Plastic Drum, High Intensity, Furn	25	Ea	\$ 30.00	\$ 750.00
40	8120251	Plastic Drum, High Intensity, Oper	25	Ea	\$ 1.00	\$ 25.00
41	8120352	Sign, Type B, Temp, Prismatic, Special, Furn	48	Sft	\$ 7.00	\$ 336.00
42	8120353	Sign, Type B, Temp, Prismatic, Special, Oper	48	Sft	\$ 1.00	\$ 48.00
43	8160062	Topsoil Surface, Furn, 4 inch	100	Syd	\$ 3.00	\$ 300.00
44	8167011					
		Hydroseeding	100	Syd	\$ 1.00	\$ 100.00
45	8267021					
		Flowable Fill, Non Structural	7	Cyd	\$ 200.00	\$ 1,400.00
<b>Estimate Total</b>						<b>\$ 209,027.00</b>