

City of Muskegon
Engineering Department

Project Engineer: JDB Date: 5/2/2019
 Project Number: H 91843
 Project description: Third St., Merrill to Muskegon
 Engineer's Estimate: \$ 710,196.85

Line Item	Pay Code	Description	Units	Quantity	Unit Price	Total
19	4021230	Sewer Bulkhead, 12 inch	Ea	5		
20	4027001	Sewer, CL E, 10 inch, Tr Det B	Ft	30		
21	4027001	Sewer, PVC SDR 35, 8 inch, Tr Det B, Modified	Ft	20		
22	4030010	Dr Structure Cover, Type B, Mod.	Ea	15		
23	4030050	Dr Structure Cover, Type K, Mod.	Ea	4		
24	4030200	Dr Structure, 24 inch dia	Ea	1		
25	4030210	Dr Structure, 48 inch dia	Ea	4		
26	4030310	Dr Structure, Tap, 10 inch	Ea	1		
27	4030312	Dr Structure, Tap, 12 inch	Ea	2		
28	4037050	Catch Basin 2 FT ID Special Detail	Ea	2		
29	4037050	Dr Structure, Cover, Adj, Case I, Modified	Ea	18		
30	5010025	Hand Patching	Ton	25		
31	5010051	HMA, 4E3, Leveling	Ton	491		
32	5010051	HMA, 4E3, Top	Ton	491		
33	5017010	Textured Asphalt Crosswalk	Sft	600		
34	8010007	Driveway, Nonreinf Conc, 8 inch, Mod.	Syd	258		
35	8010007	Driveway, Nonreinf Conc, 8 inch, Colored and Stamped, Mod.	Syd	60		
36	8020004	Curb, Conc, Det E4	Ft	395		
37	8020038	Curb and Gutter, Conc, Det F4	Ft	1834		
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38	8030010	Detectable Warning Surface, Modified	Ft	97		
39	8030030	Curb Ramp Opening, Conc	Ft	145		
40	8030036	Sidewalk Ramp, Conc, 6 inch	Sft	1405		
41	8030044	Sidewalk, Conc, 4 inch	Sft	12211		
42	8030044	Sidewalk, Conc, 4 inch, Colored and stamped, Mod.	Sft	3506		
43	8030047	Sidewalk, Conc, 7 inch	Sft	3552		
44	8100370	Post, Steel, 2 lb	Ft	60		
45	8100404	Sign, Type IIIA	Sft	25		
46	8110044	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	Ft	79		
47	8110070	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	Ea	1		
48	8110073	Pavt Mrkg, Ovly Cold Plastic, Rt, Thru and Lt Turn Arrow	Ea	1		
49	8110079	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	Ea	6		
50	8110153	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	Ft	130		
51	8110154	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	Ft	1900		
52	8117001	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, BLUE	Ft	60		
53	8117050	Pavt Mrkg, Ovly Cold Plastic, Parking Stall Marking, Type III, White, Mod.	Ea	53		
54	8117050	Pavt Mrkg, Polyurea, Handicap Symbol, Blue	Ea	2		
55	8117050	Pavt Mrkg, Polyurea, Symbol, Parking Stall, Type III, Blue, Mod.	Ea	4		
56	8120022	Barricade, Type III, High Intensity, Lighted, Furn	Ea	16		
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57	8120023	Barricade, Type III, High Intensity, Lighted, Oper	Ea	16		
58	8120026	Pedestrian Type II Barricade, Temp	Ea	10		
59	8120027	Pedestrian Type II Channelizer, Temp	Ft	200		
60	8120030	Channelizing Device, 42 inch, Furn	Ea	25		
61	8120031	Channelizing Device, 42 inch, Oper	Ea	25		
62	8120170	Minor Traf Devices	LSUM	1		
63	8120250	Plastic Drum, High Intensity, Furn	Ea	60		
64	8120251	Plastic Drum, High Intensity, Oper	Ea	60		
65	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	522		
66	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	522		
67	8120352	Sign, Type B, Temp, Prismatic, Special, Furn	Sft	64		
68	8120353	Sign, Type B, Temp, Prismatic, Special, Oper	Sft	64		
69	8120370	Traf Regulator Control	LSUM	1		
70	8127001	Pedestrian Barrier with Fence, Temp	Ft	900		
71	8127001	Pedestrian Path, Temp	Ft	300		
72	8127050	Bus Stop, Temp	Ea	2		
73	8127050	Pedestrian Ramp, Temp	Ea	6		
74	8150225	Acer x freemanii Celebration, 2 inch	Ea	3		
75	8153925	Ulmus Morton, 2 inch	Ea	3		
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76	8157050	Tree Grates	Ea	5		
77	8160062	Topsoil Surface, Furn, 4 inch	Syd	50		
78	8167011	Hydroseeding	Syd	50		
79	8190149	Conduit, Schedule 40, 3 inch	Ft	1695		
80	8190254	Hh, Rem	Ea	11		
81	8230091	Hydrant, Rem	Ea	3		
82	8237001	Water Service, 1 inch, Copper Type K	Ft	464		
83	8237001	Water Service, 2 inch, Copper Type K	Ft	160		
84	8237001	Water Service, Private Property, 1 inch	Ft	220		
85	8237001	Water Service, Private Property, 2 inch	Ft	20		
86	8237001	Watermain, DI, 4 inch, Tr Det G, Modified	Ft	6		
87	8237001	Watermain, DI, 6 inch, Tr Det G, Modified	Ft	41		
88	8237001	Watermain, DI, 8 inch, Tr Det G, Modified	Ft	1233		
89	8237050	Bend, 8 inch, 45 Degree, DI MJ	Ea	34		
90	8237050	Corporation Stop, 1 inch	Ea	11		
91	8237050	Corporation Stop, 2 inch	Ea	4		
92	8237050	Curb Stop and Box, 1 inch	Ea	7		
93	8237050	Curb Stop and Box, 2 inch	Ea	4		
94	8237050	Cut and Cap, 4 inch Watermain	Ea	2		
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95	8237050	Cut and Cap, 6 inch Watermain	Ea	5		
96	8237050	Hydrant, 6 inch, Standard	Ea	3		
97	8237050	Meter Pit Complete	Ea	4		
98	8237050	Reducer, 8 Inch X 4 Inch, DI MJ	Ea	2		
99	8237050	Reducer, 8 inch X 6 inch, DI MJ	Ea	3		
100	8237050	Sleeve, 4 inch, Long, DI MJ	Ea	2		
101	8237050	Sleeve, 6 inch, Long, DI MJ	Ea	3		
102	8237050	Sleeve, 8 inch, Long, DI MJ	Ea	2		
103	8237050	Tee, 8 inch X 6 inch, DI MJ	Ea	3		
104	8237050	Tee, 8 inch X 8 inch, DI MJ	Ea	5		
105	8237050	Valve, 6 inch, Gate, With Box	Ea	3		
106	8237050	Valve, 8 inch, Gate, With Box	Ea	8		
107	8237050	Water Service, Building Connection	Ea	12		
108	8240001	Contractor Staking	LSUM	1		
109	8240021	Staking Plan Errors and Extras, Two Person	Hr	10		
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BID TOTAL: