

					Engineer's Estimate		Dunigan Brothers, Inc. 911 E. South St. Jackson, MI 49203		Bailey Excavating 1073 Toro Drive Jackson, MI 49201		TCI Inc. of Michigan 5501 E. Clinton Trail Eaton Rapids, MI 48827		Salenbien Trucking & Excavating Inc. 9217 Ann Arbor Rd. Dundee, MI 48131	
Item No.	MDOT PAY ITEM CODE	Description	Units	Est. Qty.	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	1500001	Mobilization, Max. \$25,000.00	LSUM	1.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	4,400.00	4,400.00
2	2020040	Tree, Rem, 6 inch to 18 inch	Ea	2.00	600.00	1,200.00	271.00	542.00	455.00	910.00	650.00	1,300.00	1,100.00	2,200.00
3	2040020	Curb and Gutter, Rem	Ft	180.00	7.00	1,260.00	10.25	1,845.00	10.00	1,800.00	9.00	1,620.00	1.50	270.00
4	2040045	Masonry and Conc Structure, Rem	Cyd	5.00	100.00	500.00	17.05	85.25	100.00	500.00	125.00	625.00	330.00	1,650.00
5	2040055	Sidewalk, Rem	Syd	155.00	10.00	1,550.00	3.40	527.00	10.00	1,550.00	6.50	1,007.50	14.00	2,170.00
6	2040080	Exploratory Investigation, Vertical	Ft	20.00	42.00	840.00	49.40	988.00	100.00	2,000.00	45.00	900.00	33.00	660.00
7	2047001	Pavt Sawcut	Ft	3,654.00	3.00	10,962.00	2.80	10,231.20	3.25	11,875.50	1.65	6,029.10	3.00	10,962.00
8	2047011	Driveway Rem	Syd	61.00	10.00	610.00	3.40	207.40	10.00	610.00	8.00	488.00	14.00	854.00
9	2047011	Pavt, Rem, Modified	Syd	843.00	10.00	8,430.00	7.55	6,364.65	11.00	9,273.00	8.00	6,744.00	17.00	14,331.00
10	2047021	Track Base, Rem	Cyd	10.00	300.00	3,000.00	68.25	682.50	75.00	750.00	35.00	350.00	330.00	3,300.00
11	2050031	Non Haz Contaminated Material Handling and Disposal, LM	Cyd	12.00	68.00	816.00	38.75	465.00	75.00	900.00	65.00	780.00	55.00	660.00
12	2057051	Tree Preservation	LS	1.00	600.00	600.00	1,164.50	1,164.50	750.00	750.00	750.00	750.00	550.00	550.00
13	2087050	Erosion Control, Inlet Protection, Grate Filter, Rectangular	Ea	17.00	150.00	2,550.00	46.60	792.20	125.00	2,125.00	200.00	3,400.00	110.00	1,870.00
14	2087050	Erosion Control, Inlet Protection, Sediment Trap, Rectangular	Ea	16.00	200.00	3,200.00	85.30	1,364.80	255.00	4,080.00	200.00	3,200.00	275.00	4,400.00
15	2090001	Project Cleanup	LSUM	1.00	8,000.00	8,000.00	1,245.00	1,245.00	7,500.00	7,500.00	3,500.00	3,500.00	4,400.00	4,400.00
16	3020020	Aggregate Base, 8 inch	Syd	1,897.00	11.00	20,867.00	9.25	17,547.25	9.55	18,116.35	11.00	20,867.00	8.00	15,176.00
17	3060020	Maintenance Gravel	Ton	30.00	27.00	810.00	29.00	870.00	35.00	1,050.00	30.00	900.00	16.00	480.00
18	4021260	Trench Undercut and Backfill	Cyd	12.00	52.00	624.00	23.65	283.80	45.00	540.00	65.00	780.00	42.00	504.00
19	4027001	Sewer Backfill, Class II	Ft	20.00	18.00	360.00	10.80	216.00	25.00	500.00	21.00	420.00	22.00	440.00
20	4027001	Sewer, CI E, 12 inch	Ft	20.00	57.00	1,140.00	57.25	1,145.00	57.20	1,144.00	65.00	1,300.00	66.00	1,320.00
21	4027050	Sewer Lateral Repair	Ea	5.00	400.00	2,000.00	239.70	1,198.50	725.00	3,625.00	650.00	3,250.00	550.00	2,750.00
22	4030005	Dr Structure Cover, Adj, Case 1	Ea	4.00	380.00	1,520.00	351.60	1,406.40	350.00	1,400.00	400.00	1,600.00	275.00	1,100.00
23	4037050	Dr Structure, Temp Lowering, Modified	Ea	4.00	200.00	800.00	159.20	636.80	247.00	988.00	250.00	1,000.00	200.00	800.00

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Item No.	MDOT PAY ITEM CODE	Description	Units	Est. Qty.	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
24	4037050	Mh Cover, Std	Ea	3.00	450.00	1,350.00	668.70	2,006.10	515.00	1,545.00	650.00	1,950.00	300.00	900.00
25	5010025	Hand Patching	Ton	10.00	130.00	1,300.00	200.50	2,005.00	145.00	1,450.00	203.50	2,035.00	220.00	2,200.00
26	5010033	HMA, 13A	Ton	544.00	75.00	40,800.00	101.90	55,433.60	125.75	68,408.00	103.40	56,249.60	110.00	59,840.00
27	5017011	HMA Surface, Rem, Modified	Syd	1,054.00	10.00	10,540.00	3.95	4,163.30	10.00	10,540.00	4.50	4,743.00	4.00	4,216.00
28	6020015	Conc Base Cse, Nonreinf, 6 inch	Syd	843.00	35.00	29,505.00	30.45	25,669.35	26.88	22,659.84	40.59	34,217.37	85.00	71,655.00
29	6030005	Cement	Ton	1.00	250.00	250.00	237.40	237.40	183.75	183.75	242.00	242.00	440.00	440.00
30	8010005	Driveway, Nonreinf Conc, 6 inch	Syd	61.00	45.00	2,745.00	35.75	2,180.75	31.90	1,945.90	44.06	2,687.66	85.00	5,185.00
31	8020038	Curb and Gutter, Conc, Det F4	Ft	155.00	20.00	3,100.00	22.80	3,534.00	24.15	3,743.25	23.65	3,665.75	33.00	5,115.00
32	8020050	Driveway Opening, Conc, Det M	Ft	46.00	30.00	1,380.00	22.80	1,048.80	24.15	1,110.90	24.20	1,113.20	30.00	1,380.00
33	8030010	Detectable Warning Surface	Ft	12.00	35.00	420.00	34.70	416.40	33.60	403.20	33.00	396.00	110.00	1,320.00
34	8030034	Sidewalk Ramp, Conc, 4 inch	Sft	130.00	8.00	1,040.00	5.55	721.50	5.25	682.50	9.35	1,215.50	40.00	5,200.00
35	8030044	Sidewalk, Conc, 4 inch	Sft	1,514.00	5.00	7,570.00	3.90	5,904.60	3.68	5,571.52	4.35	6,585.90	7.00	10,598.00
36	8030046	Sidewalk, Conc, 6 inch	Sft	130.00	6.00	780.00	4.35	565.50	3.68	478.40	4.90	637.00	8.00	1,040.00
37	8110045	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	Ft	43.00	18.00	774.00	20.75	892.25	13.75	591.25	13.75	591.25	3.00	129.00
38	8110063	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	Ea	1.00	150.00	150.00	265.50	265.50	176.00	176.00	176.00	176.00	80.00	80.00
39	8110068	Pavt Mrkg, Ovly Cold Plastic, Only	Ea	1.00	132.00	132.00	265.50	265.50	176.00	176.00	176.00	176.00	80.00	80.00
40	8110231	Pavt Mrkg, Waterborne, 4 inch, White	Ft	312.00	0.50	156.00	0.66	205.92	0.44	137.28	0.40	124.80	4.40	1,372.80
41	8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	Ft	1,478.00	0.50	739.00	0.66	975.48	0.44	650.32	0.40	591.20	4.40	6,503.20
42	8110251	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	Ft	312.00	0.50	156.00	0.33	102.96	0.22	68.64	0.22	68.64	1.10	343.20
43	8110252	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	Ft	1,478.00	0.50	739.00	0.33	487.74	0.22	325.16	0.22	325.16	1.10	1,625.80
44	8120022	Barricade, Type III, High Intensity, Lighted, Furn	Ea	10.00	100.00	1,000.00	37.95	379.50	38.50	385.00	80.00	800.00	800.00	8,000.00
45	8120023	Barricade, Type III, High Intensity, Lighted, Oper	Ea	10.00	1.00	10.00	5.40	54.00	5.50	55.00	5.00	50.00	110.00	1,100.00

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Item No.	MDOT PAY ITEM CODE	Description	Units	Est. Qty.	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
46	8120170	Minor Traf Devices	LSUM	1.00	5,000.00	5,000.00	5,664.00	5,664.00	7,060.00	7,060.00	2,500.00	2,500.00	1,100.00	1,100.00
47	8120250	Plastic Drum, High Intensity, Furn	Ea	60.00	20.00	1,200.00	11.90	714.00	12.10	726.00	15.00	900.00	80.00	4,800.00
48	8120251	Plastic Drum, High Intensity, Oper	Ea	60.00	1.00	60.00	1.10	66.00	1.10	66.00	1.00	60.00	30.00	1,800.00
49	8120350	Sign, Type B, Temp, Prismatic, Furn	Sft	585.00	5.00	2,925.00	2.15	1,257.75	2.20	1,287.00	3.75	2,193.75	44.00	25,740.00
50	8120351	Sign, Type B, Temp, Prismatic, Oper	Sft	585.00	1.00	585.00	1.10	643.50	1.10	643.50	1.00	585.00	5.50	3,217.50
51	8120352	Sign, Type B, Temp, Prismatic, Special, Furn	Sft	104.00	15.00	1,560.00	3.25	338.00	3.30	343.20	4.00	416.00	44.00	4,576.00
52	8120353	Sign, Type B, Temp, Prismatic, Special, Oper	Sft	104.00	4.00	416.00	1.10	114.40	1.10	114.40	1.00	104.00	5.50	572.00
53	8120370	Traf Regulator Control	LSUM	1.00	8,000.00	8,000.00	2.35	2.35	5,000.00	5,000.00	5,000.00	5,000.00	550.00	550.00
54	8127050	Pedestrian Type II Barricade, Temp	Ea	8.00	150.00	1,200.00	65.05	520.40	66.00	528.00	100.00	800.00	275.00	2,200.00
55	8160027	Mulch Blanket	Syd	20.00	9.00	180.00	5.90	118.00	4.75	95.00	15.00	300.00	2.00	40.00
56	8160062	Topsoil Surface, Furn, 4 inch	Syd	186.00	5.00	930.00	4.75	883.50	4.95	920.70	4.50	837.00	5.75	1,069.50
57	8167011	Hydromulch	Syd	186.00	3.00	558.00	1.35	251.10	2.15	399.90	4.50	837.00	2.00	372.00
58	8167030	Fertilizer, Chemical Nutrient, CI A, Modified	Lb	10.00	5.00	50.00	4.35	43.50	2.30	23.00	15.00	150.00	5.00	50.00
59	8167030	Seeding, Mixture THM, Modified	Lb	19.00	10.00	190.00	6.50	123.50	11.00	209.00	20.00	380.00	2.00	38.00
60	8197001	Conductor, THWN, in Conduit, 600 V, 1C, #6, AWG	Ft	150.00	6.00	900.00	19.25	2,887.50	18.67	2,800.50	2.09	313.50	55.00	8,250.00
61	8197001	Conduit, 2 1/2 inch, Sch 80/PVC (Empty)	Ft	50.00	20.00	1,000.00	41.35	2,067.50	29.55	1,477.50	132.00	6,600.00	22.00	1,100.00
62	8197001	Equipment Grounding Conductor, in Conduit, 1 C, #6 AWG	Ft	50.00	10.00	500.00	9.75	487.50	9.43	471.50	2.09	104.50	33.00	1,650.00
63	8197050	Hand Hole, Polymer Conc, 12 inch x 12 inch (Open Bottom)	Ea	2.00	500.00	1,000.00	591.80	1,183.60	573.30	1,146.60	440.00	880.00	550.00	1,100.00
64	8197050	Street Light Concrete Base	Ea	1.00	2,000.00	2,000.00	1,273.50	1,273.50	1,500.00	1,500.00	990.00	990.00	800.00	800.00
65	8197050	Street Light, Install	Ea	1.00	500.00	500.00	467.20	467.20	452.55	452.55	550.00	550.00	550.00	550.00
66	8197050	Street Light, Salvage	Ea	1.00	500.00	500.00	666.60	666.60	645.75	645.75	220.00	220.00	550.00	550.00

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Item No.	MDOT PAY ITEM CODE	Description	Units	Est. Qty.	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
67	8230391	Gate Box, Adj, Temp, Case 1	Ea	6.00	275.00	1,650.00	116.50	699.00	165.00	990.00	200.00	1,200.00	220.00	1,320.00
68	8230431	Gate Box, Adj, Case 1	Ea	6.00	350.00	2,100.00	170.60	1,023.60	155.00	930.00	250.00	1,500.00	220.00	1,320.00
69	8237001	Hydrant Extension	Ft	2.00	650.00	1,300.00	566.10	1,132.20	750.00	1,500.00	695.34	1,390.68	275.00	550.00
70	8237001	Water Main Backfill, Class II	Ft	1,852.00	22.00	40,744.00	9.55	17,686.60	20.00	37,040.00	21.65	40,095.80	31.35	58,060.20
71	8237001	Water Main, 12 inch	Ft	674.00	80.00	53,920.00	62.90	42,394.60	67.50	45,495.00	67.04	45,184.96	42.35	28,543.90
72	8237001	Water Main, 6 inch	Ft	56.00	60.00	3,360.00	53.70	3,007.20	57.80	3,236.80	53.69	3,006.64	35.20	1,971.20
73	8237001	Water Main, 8 inch	Ft	1,131.00	65.00	73,515.00	51.55	58,303.05	61.50	69,556.50	53.15	60,112.65	36.85	41,677.35
74	8237050	Gate Valve and Box, 12 inch, Modified	Ea	3.00	2,600.00	7,800.00	2,108.50	6,325.50	2,750.00	8,250.00	3,276.85	9,830.55	2,431.00	7,293.00
75	8237050	Gate Valve and Box, 6 inch, Modified	Ea	1.00	1,500.00	1,500.00	815.70	815.70	1,650.00	1,650.00	1,867.76	1,867.76	1,200.00	1,200.00
76	8237050	Gate Valve and Box, 8 inch, Modified	Ea	5.00	1,650.00	8,250.00	1,177.50	5,887.50	1,899.00	9,495.00	1,942.49	9,712.45	1,556.00	7,780.00
77	8237050	Hydrant Assembly	Ea	3.00	5,000.00	15,000.00	4,260.00	12,780.00	5,125.00	15,375.00	4,796.92	14,390.76	4,257.00	12,771.00
78	8237050	Hydrant, Rem, Modified	Ea	3.00	500.00	1,500.00	291.10	873.30	745.00	2,235.00	950.00	2,850.00	330.00	990.00
79	8237050	Water Main, 12 inch, Cut and Plug, Modified	Ea	1.00	800.00	800.00	625.80	625.80	825.00	825.00	1,899.37	1,899.37	996.00	996.00
80	8237050	Water Main, 6 inch, Cut and Plug, Modified	Ea	1.00	650.00	650.00	430.60	430.60	405.00	405.00	1,554.82	1,554.82	850.00	850.00
81	8237050	Water Main, 8 inch, Cut and Plug, Modified	Ea	1.00	650.00	650.00	468.60	468.60	635.00	635.00	1,643.67	1,643.67	885.00	885.00
82	8237050	Water Main, Connect New 12 inch to Existing 12 inch	Ea	2.00	5,000.00	10,000.00	2,153.00	4,306.00	2,950.00	5,900.00	5,564.11	11,128.22	1,230.00	2,460.00
83	8237050	Water Main, Connect New 4 inch to Existing 6 inch	Ea	1.00	3,000.00	3,000.00	1,940.50	1,940.50	2,280.00	2,280.00	4,170.02	4,170.02	1,022.00	1,022.00
84	8237050	Water Main, Connect New 6 inch to Existing 12 inch	Ea	1.00	3,500.00	3,500.00	2,199.00	2,199.00	2,750.00	2,750.00	4,313.05	4,313.05	1,273.00	1,273.00
85	8237050	Water Main, Connect New 8 inch to Existing 6 inch	Ea	1.00	3,000.00	3,000.00	2,049.50	2,049.50	2,675.00	2,675.00	4,546.35	4,546.35	1,125.00	1,125.00
86	8237050	Water Main, Connect New 8 inch to Existing 8 inch	Ea	3.00	4,000.00	12,000.00	1,957.50	5,872.50	2,865.00	8,595.00	4,507.65	13,522.95	1,000.00	3,000.00
87	8237050	Water Serv, 1 inch	Ea	13.00	1,700.00	22,100.00	1,620.00	21,060.00	795.00	10,335.00	3,027.46	39,356.98	1,180.00	15,340.00
88	8237050	Water Serv, 2 inch	Ea	1.00	2,100.00	2,100.00	2,500.00	2,500.00	1,450.00	1,450.00	3,884.21	3,884.21	2,160.00	2,160.00
89	8237050	Water Serv, Long, 1 inch	Ea	5.00	2,700.00	13,500.00	2,516.00	12,580.00	1,750.00	8,750.00	3,468.87	17,344.35	1,532.00	7,660.00



**BID TABULATION FOR
2017 WATER MAIN REPLACEMENT
CORTLAND STREET AND MICHIGAN AVENUE
MONDAY, AUGUST 14, 2017, 10:00 AM**

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90	8237050	Water Serv, Long, 1-1/2 inch	Ea	1.00	3,000.00	3,000.00	3,057.50	3,057.50	2,065.00	2,065.00	3,803.35	3,803.35	2,307.00	2,307.00
91	8237050	Water Serv, Long, 2 inch	Ea	2.00	4,000.00	8,000.00	3,293.50	6,587.00	2,475.00	4,950.00	4,220.93	8,441.86	2,509.00	5,018.00
92	8260148	Flowable Fill, Non-Structural	Cyd	3.00	120.00	360.00	170.60	511.80	250.00	750.00	238.75	716.25	165.00	495.00
93	8507030	Water Main Fittings, DI	Lb	600.00	9.00	5,400.00	17.30	10,380.00	9.45	5,670.00	8.66	5,196.00	26.50	15,900.00
						529,228.00		427,593.85		497,972.16		541,836.08		547,662.65