



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 001

**Letting Date:** November 2, 2018

**Contract ID:** 11014-127019

**Description:** 2.10 mi of hot mix asphalt resurfacing, reconstruction under bridges, guardrail, cable barrier, culvert repair and replacement and pavement on I-94 from the Indiana/Michigan state line easterly to east of M-239, Berrien County. This project includes a 5 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
127019A	1801126	N/A	IM 11014

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Dispute Review Board, Hearing	1040010	15,000.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	6,000.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	15,000.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	6,000.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	7,000.000	Dlr
0060	Critical Path Method Schedule	1080005	15,000.000	Dlr
0070	Mobilization, Max \$765,000.00	1500001	1.000	LSUM
0080	Clearing	2010001	6.730	Acre
0090	Thinning, Selective, Type II	2010006	0.350	Acre
0100	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0110	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0120	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0130	Dr Structure, Rem	2030011	4.000	Ea
0140	Sewer, Rem, Less than 24 inch	2030015	191.000	Ft
0150	Curb and Gutter, Rem	2040020	324.000	Ft
0160	Fence, Rem	2040025	11,497.000	Ft
0170	Guardrail, Rem	2040035	3,508.000	Ft
0180	Masonry and Conc Structure, Rem	2040045	72.000	Cyd
0190	Pavt, Rem	2040050	14,926.000	Syd
0200	Sidewalk, Rem	2040055	189.000	Syd
0210	Embankment, CIP	2050010	4,900.000	Cyd
0220	Excavation, Earth	2050016	16,092.000	Cyd
0230	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0240	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0250	Phragmites Plant Material Handling and Disposal, LM	2057021	100.000	Cyd
0260	Erosion Control, Check Dam, Stone	2080012	200.000	Ft

0270	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0280	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0290	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0300	Erosion Control, Sand Bag	2080028	111.000	Ea
0310	Erosion Control, Sediment Trap	2080034	50.000	Ea
0320	Erosion Control, Silt Fence	2080036	10,950.000	Ft
0330	_ Permeable Runoff Structure	2087001	525.000	Ft
0340	Project Cleanup	2090001	1.000	LSUM
0350	Subbase, CIP	3010002	316.000	Cyd
0360	Aggregate Base, 3 inch	3020008	5,267.000	Syd
0370	Aggregate Base, 4 inch	3020010	4,965.000	Syd
0380	Aggregate Base, 6 inch	3020016	23,829.000	Syd
0390	Aggregate Surface Cse, 6 inch	3060010	760.000	Syd
0400	Shoulder, CI II, 4 inch	3070126	6,496.000	Syd
0410	Shoulder, CI II, 6 inch	3070128	7,809.000	Syd
0420	Shoulder, CI II, 5 inch, Temp	3070182	1,000.000	Syd
0430	Culv End Sect, 18 inch	4010018	4.000	Ea
0440	Culv End Sect, Conc, 15 inch	4010048	4.000	Ea
0450	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0460	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0470	Culv End Sect, Metal, 15 inch	4010095	6.000	Ea
0480	Culv End Sect, Metal, 24 inch	4010098	1.000	Ea
0490	Culv, CI A, 18 inch	4010133	152.000	Ft
0500	Culv, CI E, 18 inch	4010541	64.000	Ft
0510	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0520	Dr Marker Post	4011109	40.000	Ea
0530	Video Taping Sewer and Culv Pipe	4021275	216.000	Ft
0540	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0550	Dr Structure Cover, Adj, Case 2	4030006	11.000	Ea
0560	Dr Structure Cover, Type D	4030025	1.000	Ea
0570	Dr Structure Cover, Type G	4030040	2.000	Ea
0580	Dr Structure Cover, Type K	4030050	1.000	Ea
0590	Dr Structure, 48 inch dia	4030210	3.000	Ea
0600	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0610	Underdrain Outlet, 6 inch	4040093	200.000	Ft
0620	Pavt, Cleaning	5010001	1.000	LSUM
0630	Cold Milling HMA Surface	5010002	63,390.000	Syd
0640	Bump Grinding	5010004	300.000	Syd
0650	HMA Surface, Rem	5010005	15,705.000	Syd
0660	HMA Quality Initiative	5010007	97,701.000	Dlr
0670	Pavt for Butt Joints, Rem	5010008	13,791.000	Syd
0680	Longitudinal Joint Density Quality Initiative	5010018	252,628.000	Dlr
0690	Hand Patching	5010025	50.000	Ton
0700	HMA, 3E3	5010045	6,651.000	Ton
0710	HMA, 3E30	5010047	10,834.000	Ton

0720	HMA, 4E3	5010051	2,938.000	Ton
0730	HMA, 4E30	5010053	5,553.000	Ton
0740	HMA, 5E3	5010057	8,409.000	Ton
0750	HMA, 5E30	5010059	3,077.000	Ton
0760	HMA Approach	5010061	759.000	Ton
0770	HMA, Temp Pavt (3E3)	5010804	880.000	Ton
0780	HMA, Temp Pavt (4E3)	5010805	1,200.000	Ton
0790	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	10,634.000	Ton
0800	_ Ride Incentive	5017060	74,252.000	Dlr
0810	Conc Pavt, Curing Horizontal Surfaces	6020159	5,431.000	Syd
0820	Conc Quality Initiative	6020401	1,035.000	Dlr
0830	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	4,138.000	Syd
0840	_ Joint, Contraction, Cp, Modified	6027001	2,340.000	Ft
0850	_ Joint, Expansion, E2, Modified	6027001	99.000	Ft
0860	Joint, Tied, Trg	6030023	2,206.000	Ft
0870	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,471.000	Syd
0880	Pavt Repr, Rem	6030080	1,471.000	Syd
0890	Saw Cut, Intermediate	6030090	1,956.000	Ft
0900	Sawing and Sealing Longit Pavt Joints	6030095	13,717.000	Ft
0910	Sawing and Sealing Trans Pavt Joints	6030096	2,945.000	Ft
0920	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	5,040.000	Ft
0930	_ Joint, Contraction, Crg, Modified	6037001	720.000	Ft
0940	_ Permanent Traf Recorder Quartz Sensors	8007051	1.000	LSUM
0950	Curb, Conc, Det E1	8020001	46.000	Ft
0960	Curb and Gutter, Conc, Det C1	8020020	3,167.000	Ft
0970	Driveway Opening, Conc, Det M	8020050	51.000	Ft
0980	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
0990	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
1000	Spillway, Conc	8020075	16.000	Ft
1010	_ Valley Gutter, Conc, Modified	8027001	286.000	Ft
1020	Detectable Warning Surface	8030010	28.000	Ft
1030	Curb Ramp Opening, Conc	8030030	117.000	Ft
1040	Sidewalk Ramp, Conc, 6 inch	8030036	808.000	Sft
1050	Sidewalk, Conc, 4 inch	8030044	1,223.000	Sft
1060	Guardrail, Type MGS-8	8070004	3,786.000	Ft
1070	Guardrail, Type T, Temp	8070007	1,000.000	Ft
1080	Guardrail, Type MGS-8D	8070009	35.000	Ft
1090	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
1100	Guardrail Anch, Bridge, Det T4, Temp	8070033	4.000	Ea
1110	Guardrail Approach Terminal, Type 3B	8070038	7.000	Ea
1120	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
1130	Guardrail Approach Terminal, Type 2T, Temp	8070048	4.000	Ea
1140	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
1150	Guardrail Reflector	8070080	121.000	Ea

1160	Cable Barrier, High Tension, Salv	8070201	10,595.000	Ft
1170	Cable Barrier, High Tension, Reconst	8070202	9,692.000	Ft
1180	Cable Barrier, Furn and Install (Gibraltar, TL-4)	8070207	100.000	Ft
1190	Cable Barrier Terminal, Furn and Install (Gibraltar, TL-4)	8070208	2.000	Ea
1200	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	894.000	Ea
1210	Cable Barrier, High Tension, Line Post Fdn	8070221	815.000	Ea
1220	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	7.000	Ea
1230	Cable Barrier, High Tension, End Term Fdn	8070223	9.000	Ea
1240	Cable, 1000 ft Spool	8070250	2.000	Ea
1250	Cable Barrier, Intermediate Line Post	8070251	100.000	Ea
1260	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	10.000	Ea
1270	Cable Barrier, Modified Line Post and Hardware	8070253	5.000	Ea
1280	Cable Barrier, Socket, Conc Fdn	8070254	25.000	Ea
1290	Cable Barrier, Turnbuckle	8070256	5.000	Ea
1300	Cable Barrier, Reflector	8070257	100.000	Ea
1310	Cable Barrier, Excluder Cap	8070258	100.000	Ea
1320	Cable Barrier, Wedge Lock Fitting	8070259	5.000	Ea
1330	Cable Barrier, Cable Splice Kit	8070260	10.000	Ea
1340	Cable Barrier Terminal, Materials	8070261	1.000	Ea
1350	Cable Barrier, High Tension, Repair Labor	8070262	1,000.000	Dir
1360	Fence, Woven Wire with Wood Post	8080001	193.000	Ft
1370	Fence, Woven Wire with Steel Post	8080002	11,191.000	Ft
1380	Fence, Protective	8080007	2,636.000	Ft
1390	Column, Breakaway, W8 x 13	8100120	10.000	Ea
1400	Column, Breakaway, W8 x 18	8100121	2.000	Ea
1410	Delineator Reflector, Red	8100131	84.000	Ea
1420	Delineator Reflector, Yellow	8100132	88.000	Ea
1430	Delineator Reflector, Green	8100133	21.000	Ea
1440	Delineator Reflector, White	8100134	193.000	Ea
1450	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	28.000	Ea
1460	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	8.000	Ea
1470	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	114.000	Ea
1480	Fdn, Breakaway, W8 x 13	8100160	10.000	Ea
1490	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
1500	Fdn, Column Breakaway, Rem	8100220	12.000	Ea
1510	Fdn, Wood Support, Rem	8100280	75.000	Ea
1520	Delineator, Rem	8100349	260.000	Ea
1530	Post, Flexible, Delineator	8100360	122.000	Ea
1540	Post, Rigid, Delineator	8100361	238.000	Ea
1550	Post, Steel, 3 lb	8100371	1,019.000	Ft
1560	Post, Wood, 4 inch by 6 inch	8100380	830.000	Ft
1570	Post, Wood, 6 inch by 8 inch	8100382	410.000	Ft
1580	Sign, Type I, Erect, Salv	8100390	12.000	Ea

1590	Sign, Type I, Rem	8100391	12.000	Ea
1600	Sign, Type II, Erect, Salv	8100396	27.000	Ea
1610	Sign, Type II, Rem	8100397	27.000	Ea
1620	Sign, Type III, Erect, Salv	8100402	116.000	Ea
1630	Sign, Type III, Rem	8100403	116.000	Ea
1640	Reflective Panel for Permanent Sign Support, 3 foot	8100613	16.000	Ea
1650	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
1660	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
1670	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
1680	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
1690	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,529.000	Ft
1700	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,785.000	Ft
1710	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,529.000	Ft
1720	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,785.000	Ft
1730	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	200.000	Ft
1740	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	2,000.000	Ft
1750	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	2,000.000	Ft
1760	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	3,314.000	Ft
1770	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1780	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, White	8110380	9,285.000	Ft
1790	Recessing Pavt Mrkg, Longit	8110450	66,265.000	Ft
1800	Recessing Pavt Mrkg, Transv	8110451	398.000	Sft
1810	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	26,595.000	Ft
1820	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	4,013.000	Ft
1830	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	25,811.000	Ft
1840	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
1850	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
1860	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	4.000	Ea
1870	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
1880	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
1890	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
1900	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	4.000	Ea
1910	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
1920	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
1930	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	2.000	Ea
1940	Conc Barrier Reflector Replacement	8120070	20.000	Ea
1950	Conc Barrier, Temp, Adj	8120080	7,200.000	Ft
1960	Conc Barrier, Temp, Furn	8120081	3,590.000	Ft
1970	Conc Barrier, Temp, Oper	8120082	3,590.000	Ft
1980	Conc Barrier, Temp, Relocated	8120083	3,250.000	Ft

1990	High Intensity Light, Type B, Furn	8120110	2.000	Ea
2000	High Intensity Light, Type B, Oper	8120111	2.000	Ea
2010	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
2020	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
2030	Ltg for Night Work	8120160	1.000	LSUM
2040	Minor Traf Devices	8120170	1.000	LSUM
2050	Mobile Attenuator	8120180	4.000	Ea
2060	Pavt Mrkg Cover, Type R, Black	8120200	11,000.000	Ft
2070	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	17,600.000	Ft
2080	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,500.000	Ft
2090	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	13,200.000	Ft
2100	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	13,200.000	Ft
2110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	53,000.000	Ft
2120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	30,000.000	Ft
2130	Plastic Drum, Fluorescent, Furn	8120252	580.000	Ea
2140	Plastic Drum, Fluorescent, Oper	8120253	580.000	Ea
2150	Sign Cover	8120310	20.000	Ea
2160	Sign Cover, Type 1	8120320	5.000	Ea
2170	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
2180	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
2190	Sign, Type A, Temp, Prismatic, Furn	8120340	28.000	Sft
2200	Sign, Type A, Temp, Prismatic, Oper	8120341	28.000	Sft
2210	Sign, Type B, Temp, Prismatic, Furn	8120350	1,400.000	Sft
2220	Sign, Type B, Temp, Prismatic, Oper	8120351	1,400.000	Sft
2230	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	210.000	Sft
2240	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	210.000	Sft
2250	_ Delineator, Panels, Temp, Furn	8127050	82.000	Ea
2260	_ Delineator, Panels, Temp, Oper	8127050	82.000	Ea
2270	Riprap, Plain	8130010	102.000	Syd
2280	Fertilizer, Chemical Nutrient, CI A	8160020	4,992.000	Lb
2290	Mulch	8160025	25,744.000	Syd
2300	Mulch Anchoring	8160026	7,702.000	Syd
2310	Mulch Blanket	8160027	39,414.000	Syd
2320	Mulch Blanket, High Velocity	8160028	24,805.000	Syd
2330	Seeding, Mixture TDS	8160037	4,817.000	Lb
2340	Topsoil Surface, Furn, 4 inch	8160062	69,262.000	Syd
2350	_ Mulch Blanket, Modified	8167011	24,514.000	Syd
2360	Hh, Heavy Duty Cover	8190246	2.000	Ea
2370	Monument Box Adjust	8210005	1.000	Ea
2380	Monument Preservation	8210010	1.000	Ea
2390	Protect Corners	8210020	1.000	Ea

2400	Shoulder Corrugations, Ground or Cut, HMA	8220001	37,018.000	Ft
2410	Contractor Staking, Road Only	8240007	1.000	LSUM
2420	Staking Plan Errors and Extras, One Person	8240020	62.000	Hr
2430	Staking Plan Errors and Extras, Two Person	8240021	25.000	Hr
2440	Staking Plan Errors and Extras, Three Person	8240022	37.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 002

**Letting Date:** November 2, 2018

**Contract ID:** 11111-115754

**Description:** 7.45 mi of structure removal and replacement, aggregate base, shoulder, culvert, cured-in-place pipe lining, slope restoration, cold milling and hot mix asphalt resurfacing, underclearance improvements, precast concrete bulb-tee, on-ramp extensions, addition of an auxiliary lane, drainage, guardrail, pavement markings and carpool parking lot resurfacing on M-63 over I-196, I-196 from I-94 to north of M-63 and I-94 at Red Arrow Highway, Van Buren County. This project includes a 5 year materials and workmanship pavement warranty and a 2 year concrete surface coating warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
115754A	1801218	N/A	IM 11111
118792A	1801163	N/A	IM 11111
201975A	1801168	N/A	N/A 11111

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$1,646,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	16.300	Acre
0030	Clearing, Fence	2010002	640.000	Sta
0040	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	30.000	Ea
0070	Culv, End, Rem, 24 inch to 48 inch	2030006	28.000	Ea
0080	Dr Structure, Rem	2030011	7.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	509.000	Ft
0100	Sewer, Rem, 24 inch to 48 inch	2030016	152.000	Ft
0110	Fence, Rem	2040025	72,920.000	Ft
0120	Guardrail, Rem	2040035	21,045.000	Ft
0130	Ditch Cleanout	2050006	39.000	Sta
0140	Embankment, CIP	2050010	16,780.000	Cyd
0150	Excavation, Earth	2050016	32,906.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0170	_ Phragmites Plant Material Handling and Disposal, LM	2057021	50.000	Cyd
0180	Erosion Control, Check Dam, Stone	2080012	94.000	Ft
0190	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0200	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0210	Erosion Control, Inlet Protection, Sediment Trap	2080024	17.000	Ea
0220	Erosion Control, Maintenance, Sediment Removal	2080026	170.000	Cyd



0230	Erosion Control, Sand Bag	2080028	158.000	Ea
0240	Erosion Control, Sediment Trap	2080034	29.000	Ea
0250	Erosion Control, Silt Fence	2080036	18,580.000	Ft
0260	Erosion Control, Turbidity Curtain, Shallow	2080044	100.000	Ft
0270	_ Permeable Runoff Structure	2087001	381.000	Ft
0280	Subbase, CIP	3010002	14,995.000	Cyd
0290	Aggregate Base, 6 inch	3020016	32,290.000	Syd
0300	Aggregate Base, 8 inch	3020020	4,105.000	Syd
0310	Shoulder, CI II, 4 inch	3070126	25,850.000	Syd
0320	Shoulder, CI II, 6 inch	3070128	175.000	Syd
0330	Shoulder, CI II, 7 inch	3070129	7,675.000	Syd
0340	Trenching	3070200	143.000	Sta
0350	_ Shoulder, CI II, 9 inch	3077011	100.000	Syd
0360	Geotextile, Separator	3080005	105.000	Syd
0370	Geotextile, Stabilization	3080010	4,105.000	Syd
0380	Culv End Sect, 15 inch	4010015	5.000	Ea
0390	Culv End Sect, 18 inch	4010018	13.000	Ea
0400	Culv End Sect, 30 inch	4010030	2.000	Ea
0410	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0420	Culv End Sect, Conc, 15 inch	4010048	5.000	Ea
0430	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0440	Culv End Sect, Conc, 36 inch	4010053	10.000	Ea
0450	Culv End Sect, Conc, 48 inch	4010055	3.000	Ea
0460	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0470	Culv End Sect, Metal, 15 inch	4010095	3.000	Ea
0480	Culv End Sect, Metal, 18 inch	4010096	1.000	Ea
0490	Culv End Sect, Metal, 24 inch	4010098	3.000	Ea
0500	Culv End Sect, Metal, 36 inch	4010100	2.000	Ea
0510	Culv, CI A, 15 inch	4010132	104.000	Ft
0520	Culv, CI A, 18 inch	4010133	368.000	Ft
0530	Culv, CI A, Conc, 15 inch	4010166	16.000	Ft
0540	Culv, CI A, Conc, 24 inch	4010168	8.000	Ft
0550	Culv, CI A, Conc, 48 inch	4010172	92.000	Ft
0560	Culv, CI A, CSP, 18 inch	4010201	16.000	Ft
0570	Culv, CI A, CSP, 24 inch	4010202	37.000	Ft
0580	Culv, CI B, 18 inch	4010235	192.000	Ft
0590	Culv, CI IV, 36 inch, Jacked in Place	4010709	536.000	Ft
0600	Culv, CI V, 36 inch, Jacked in Place	4010726	664.000	Ft
0610	Culv, Downspout, 15 inch	4010796	224.000	Ft
0620	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0630	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0640	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	7.000	Ea
0650	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	6.000	Ea
0660	Dr Marker Post	4011109	248.000	Ea
0670	Steel Casing Pipe, 30 inch, Jacked in Place	4011147	488.000	Ft

0680	_ Culvert Cleanout	4017001	3,420.000	Ft
0690	_ Cured-In-Place Pipe Lining, 15 inch	4017001	296.000	Ft
0700	_ Cured-In-Place Pipe Lining, 24 inch	4017001	1,340.000	Ft
0710	_ Cured-In-Place Pipe Lining, 36 inch	4017001	815.000	Ft
0720	_ Cured-In-Place Pipe Lining, 48 inch	4017001	540.000	Ft
0730	_ Chemical Pipe Joint Grouting, 15 inch	4017050	10.000	Ea
0740	_ Chemical Pipe Joint Grouting, 24 inch	4017050	20.000	Ea
0750	_ Chemical Pipe Joint Grouting, 36 inch	4017050	20.000	Ea
0760	_ Chemical Pipe Joint Grouting, 48 inch	4017050	10.000	Ea
0770	Sewer, CI A, 12 inch, Tr Det A	4020004	48.000	Ft
0780	Sewer, CI A, 18 inch, Tr Det A	4020006	100.000	Ft
0790	Sewer, CI A, 30 inch, Tr Det A	4020008	180.000	Ft
0800	Sewer, CI A, 15 inch, Tr Det B	4020034	952.000	Ft
0810	Sewer, CI A, 36 inch, Tr Det B	4020038	136.000	Ft
0820	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0830	Dr Structure Cover, Type B	4030010	3.000	Ea
0840	Dr Structure Cover, Type E	4030035	1.000	Ea
0850	Dr Structure Cover, Type G	4030040	3.000	Ea
0860	Dr Structure, 48 inch dia	4030210	5.000	Ea
0870	Dr Structure, 60 inch dia	4030220	2.000	Ea
0880	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	5.000	Ft
0890	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	4.000	Ft
0900	Dr Structure, Cleaning	4030290	1.000	Ea
0910	Underdrain, Subbase, 6 inch	4040063	4,185.000	Ft
0920	Underdrain Outlet, 6 inch	4040093	360.000	Ft
0930	Underdrain, Outlet Ending, 6 inch	4040113	18.000	Ea
0940	Culv Bedding, Box Culv	4060005	17.000	Cyd
0950	Culv, Precast Conc Box, 5 foot by 3 foot	4060102	56.000	Ft
0960	Cold Milling HMA Surface	5010002	249,641.000	Syd
0970	Bump Grinding	5010004	900.000	Syd
0980	HMA Surface, Rem	5010005	23,995.000	Syd
0990	HMA Quality Initiative	5010007	144,840.000	Dlr
1000	Longitudinal Joint Density Quality Initiative	5010018	349,000.000	Dlr
1010	Hand Patching	5010025	2,795.000	Ton
1020	HMA, 3E3	5010045	3,175.000	Ton
1030	HMA, 3E30	5010047	540.000	Ton
1040	HMA, 4E3	5010051	24,295.000	Ton
1050	HMA, 4E30	5010053	17,930.000	Ton
1060	HMA Approach	5010061	2,950.000	Ton
1070	HMA, LVSP	5010703	3,230.000	Ton
1080	HMA, Temp Pavt (5E03)	5010803	2,279.000	Ton
1090	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	17,505.000	Ton
1100	_ Ride Incentive	5017060	66,710.000	Dlr

1110	_ Bypass Pumping	7047050	6.000	Ea
1120	_ Construction Dam	7047050	7.000	Ea
1130	Conc, Grade S2	7060011	6.000	Cyd
1140	Reinforcement, Steel, Culv and Headwall	7060091	284.000	Lb
1150	Curb and Gutter, Bridge Approach	8020010	156.000	Ft
1160	Curb and Gutter, Conc, Det B2	8020016	830.000	Ft
1170	Downspout Header, Conc	8020070	4.000	Ea
1180	Guardrail, Type MGS-8	8070004	15,694.000	Ft
1190	Guardrail Anch, Bridge, Det T1	8070022	27.000	Ea
1200	Guardrail Approach Terminal, Type 2M	8070044	42.000	Ea
1210	Guardrail Departing Terminal, Type MGS	8070052	25.000	Ea
1220	Guardrail Reflector	8070080	411.000	Ea
1230	Post, Wood Guard	8070085	25.000	Ea
1240	Fence, Woven Wire with Wood Post	8080001	2,390.000	Ft
1250	Fence, Woven Wire with Steel Post	8080002	75,950.000	Ft
1260	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
1270	Column, Breakaway, W8 x 13	8100120	4.000	Ea
1280	Delineator Reflector, Red	8100131	260.000	Ea
1290	Delineator Reflector, Yellow	8100132	475.000	Ea
1300	Delineator Reflector, Green	8100133	170.000	Ea
1310	Delineator Reflector, White	8100134	740.000	Ea
1320	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	95.000	Ea
1330	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	25.000	Ea
1340	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	125.000	Ea
1350	Fdn, Breakaway, W8 x 13	8100160	4.000	Ea
1360	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
1370	Fdn, Wood Support, Rem	8100280	13.000	Ea
1380	Delineator, Rem	8100349	700.000	Ea
1390	Post, Flexible, Delineator	8100360	245.000	Ea
1400	Post, Rigid, Delineator	8100361	1,095.000	Ea
1410	Post, Steel, 3 lb	8100371	672.000	Ft
1420	Post, Wood, 4 inch by 6 inch	8100380	213.000	Ft
1430	Post, Wood, 6 inch by 8 inch	8100382	138.000	Ft
1440	Sign, Type I, Erect, Salv	8100390	7.000	Ea
1450	Sign, Type I, Rem	8100391	8.000	Ea
1460	Sign, Type IB	8100393	66.000	Sft
1470	Sign, Type II, Erect, Salv	8100396	7.000	Ea
1480	Sign, Type II, Rem	8100397	7.000	Ea
1490	Sign, Type IIB	8100399	20.000	Sft
1500	Sign, Type III, Erect, Salv	8100402	62.000	Ea
1510	Sign, Type III, Rem	8100403	62.000	Ea
1520	Sign, Type IIIA	8100404	3.000	Sft
1530	Sign, Type IIIB	8100405	10.000	Sft

1540	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
1550	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
1560	_ Lane Separator System, Rem	8107001	115.000	Ft
1570	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	6.000	Ea
1580	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	243.000	Ft
1590	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
1600	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	72.000	Ft
1610	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	594.000	Ft
1620	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	404.000	Ft
1630	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	404.000	Ft
1640	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
1650	Recessing Pavt Mrkg, Longit	8110450	106,793.000	Ft
1660	Recessing Pavt Mrkg, Transv	8110451	220.000	Sft
1670	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	11,938.000	Ft
1680	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	62,320.000	Ft
1690	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	10,468.000	Ft
1700	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	3,394.000	Ft
1710	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	57,400.000	Ft
1720	_ Pavt Mrkg, Polyurea, Exit	8117050	2.000	Ea
1730	Barricade, Type III, High Intensity, Lighted, Furn	8120022	78.000	Ea
1740	Barricade, Type III, High Intensity, Lighted, Oper	8120023	78.000	Ea
1750	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,077.000	Ea
1760	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,077.000	Ea
1770	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
1780	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
1790	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	5.000	Ea
1800	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	5.000	Ea
1810	Conc Barrier, Temp, Adj	8120080	1,660.000	Ft
1820	Conc Barrier, Temp, Furn	8120081	2,370.000	Ft
1830	Conc Barrier, Temp, Oper	8120082	2,370.000	Ft
1840	Conc Barrier, Temp, Relocated	8120083	400.000	Ft
1850	Delineator, Flexible, Temp, Furn	8120091	638.000	Ea
1860	Delineator, Flexible, Temp, Oper	8120092	638.000	Ea
1870	High Intensity Light, Type B, Furn	8120110	5.000	Ea
1880	High Intensity Light, Type B, Oper	8120111	5.000	Ea
1890	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
1900	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
1910	Ltg for Night Work	8120160	1.000	LSUM
1920	Minor Traf Devices	8120170	1.000	LSUM
1930	Mobile Attenuator	8120180	4.000	Ea
1940	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	173,662.000	Ft
1950	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	11,690.000	Ft
1960	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	271,884.000	Ft

1970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	127,732.000	Ft
1980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	30,007.000	Ft
1990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	390.000	Ft
2000	Plastic Drum, Fluorescent, Furn	8120252	85.000	Ea
2010	Plastic Drum, Fluorescent, Oper	8120253	85.000	Ea
2020	Sign Cover	8120310	35.000	Ea
2030	Sign Cover, Type 1	8120320	6.000	Ea
2040	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	11.000	Ea
2050	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	11.000	Ea
2060	Sign, Type A, Temp, Prismatic, Furn	8120340	698.000	Sft
2070	Sign, Type A, Temp, Prismatic, Oper	8120341	698.000	Sft
2080	Sign, Type B, Temp, Prismatic, Furn	8120350	4,217.000	Sft
2090	Sign, Type B, Temp, Prismatic, Oper	8120351	4,217.000	Sft
2100	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	656.000	Sft
2110	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	656.000	Sft
2120	_ Rumble Strip, Temp, Portable, Furn	8127050	9.000	Ea
2130	_ Rumble Strip, Temp, Portable, Oper	8127050	9.000	Ea
2140	Riprap, Plain	8130010	365.000	Syd
2150	Riprap, Plain, LM	8130012	200.000	Cyd
2160	Mulch Blanket	8160027	3,510.000	Syd
2170	Slope Restoration, Type A	8160100	273,877.000	Syd
2180	Slope Restoration, Type B	8160101	146,509.000	Syd
2190	Slope Restoration, Type C	8160102	38,827.000	Syd
2200	Slope Restoration, Type D	8160103	134.000	Syd
2210	_ Mulch Blanket, High Velocity, Modified	8167011	5,499.000	Syd
2220	_ Mulch Blanket, Modified	8167011	12,992.000	Syd
2230	Dune Grass Planting	8180001	3,510.000	Syd
2240	Shoulder Corrugations, Ground or Cut, HMA	8220001	90,745.000	Ft
2250	Contractor Staking	8240001	1.000	LSUM
2260	Staking Plan Errors and Extras, One Person	8240020	132.000	Hr
2270	Staking Plan Errors and Extras, Two Person	8240021	53.000	Hr
2280	Staking Plan Errors and Extras, Three Person	8240022	79.000	Hr
2290	Flowable Fill, Non-Structural	8260148	210.000	Cyd

**Section: 2**

2300	Structures, Rem	2040060	1.000	LSUM
2310	Backfill, Structure, CIP	2060002	600.000	Cyd
2320	Excavation, Fdn	2060010	3,500.000	Cyd
2330	_ Block Units	2067010	5,070.000	Sft
2340	_ Geotextile Reinforcement	2067011	17,200.000	Syd
2350	_ Geosynthetic Reinforced Soil Granular Fill	2067021	1,970.000	Cyd
2360	_ Reinforced Soil Foundation Aggregate	2067021	287.000	Cyd

2370	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
2380	Bridge Ltg, Oper and Maintain	7060002	336.000	Cyd
2390	Conc, Grade S2, Subfooting	7060012	18.000	Cyd
2400	False Decking	7060060	13,720.000	Sft
2410	Reinforcement, Steel, Epoxy Coated	7060092	91,615.000	Lb
2420	Substructure Conc, High Performance	7060101	179.000	Cyd
2430	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
2440	Superstructure Conc, Night Casting, High Performance	7060117	336.000	Cyd
2450	_ Superstructure Backfill	7067021	480.000	Cyd
2460	_ Beam Seat Construction	7067051	1.000	LSUM
2470	Bearing, Elastomeric, 2 1/2 inch	7070018	9,324.000	Sin
2480	_ Steel Diaphragm, Prest Conc Beam, Erect	7077030	3,130.000	Lb
2490	_ Steel Diaphragm, Prest Conc Beam, Furn and Fab	7077030	3,130.000	Lb
2500	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	1,399.000	Ft
2510	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	1,399.000	Ft
2520	Joint Waterproofing	7100001	15.000	Sft
2530	Joint Waterproofing, Expansion	7100003	172.000	Sft
2540	Conc Surface Coating, Warranty (S07 of 11111)	7100009	1.000	LSUM
2550	_ Silane Treatment	7107010	1,680.000	Sft
2560	Bridge Railing, Aesthetic, Type 4, Det 2, High Performance	7110051	404.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 003

**Letting Date:** November 2, 2018

**Contract ID:** 70063-126928

**Description:** Concrete deep overlay, full depth patches, deck joint replacement, scour countermeasures, substructure repair, pin and hanger replacement, partial steel painting, concrete surface coating, approach work and maintaining traffic on I-96 eastbound and westbound over Crockery Creek, Ottawa County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
126928A	1801146	N/A	IM 70063

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$140,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.110	Acre
0030	Curb and Gutter, Rem	2040020	152.000	Ft
0040	Excavation, Earth	2050016	457.000	Cyd
0050	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0060	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0070	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0080	Subbase, CIP	3010002	498.000	Cyd
0090	Aggregate Base	3020001	22.000	Ton
0100	Shoulder, CI II	3070121	21.000	Ton
0110	Underdrain, Subbase, 6 inch	4040063	260.000	Ft
0120	Underdrain Outlet, 6 inch	4040093	260.000	Ft
0130	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0140	Cold Milling HMA Surface	5010002	897.000	Syd
0150	Bump Grinding	5010004	200.000	Syd
0160	HMA Surface, Rem	5010005	399.000	Syd
0170	HMA Quality Initiative	5010007	646.000	Dlr
0180	Longitudinal Joint Density Quality Initiative	5010018	2,619.000	Dlr
0190	HMA, 5E10	5010058	323.000	Ton
0200	Joint, Expansion, E3	6020208	168.000	Ft
0210	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	364.000	Syd
0220	Curb and Gutter, Bridge Approach	8020010	155.000	Ft
0230	Curb Sloped, HMA	8050010	220.000	Ft
0240	Guardrail, Reconst, Type T	8070109	675.000	Ft
0250	Fdn, Wood Support, Rem	8100280	6.000	Ea
0260	Post, Wood, 4 inch by 6 inch	8100380	84.000	Ft
0270	Sign, Type II, Erect, Salv	8100396	3.000	Ea

0280	Sign, Type II, Rem	8100397	3.000	Ea
0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	225.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	900.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	900.000	Ft
0320	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0330	Recessing Pavt Mrkg, Longit	8110450	1,687.000	Ft
0340	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0350	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0360	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0370	Conc Barrier, Temp, Adj	8120080	1,180.000	Ft
0380	Conc Barrier, Temp, Furn	8120081	1,180.000	Ft
0390	Conc Barrier, Temp, Oper	8120082	1,180.000	Ft
0400	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0410	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg Cover, Type R, Black	8120200	7,200.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,960.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,960.000	Ft
0480	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0490	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0500	Sign Cover	8120310	2.000	Ea
0510	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	1,232.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	1,232.000	Sft
0550	Riprap, Plain	8130010	36.000	Syd
0560	_ HMA Spillway	8147011	9.000	Syd
0570	Slope Restoration, Type B	8160101	2,866.000	Syd
0580	Contractor Staking	8240001	1.000	LSUM
0590	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
0600	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0610	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr

**Section: 2**

0620	_ Flowable Fill	2057021	5.000	Cyd
0630	Backfill, Structure, CIP	2060002	91.000	Cyd
0640	Excavation, Fdn	2060010	91.000	Cyd
0650	Erosion Control, Sand Bag	2080028	634.000	Ea
0660	Erosion Control, Turbidity Curtain, Deep	2080042	325.000	Ft
0670	HMA Patch, Rem	5010006	10.000	Syd



0680	Conc, Grade D	7060010	48.000	Cyd
0690	Expansion Joint Device	7060050	271.000	Ft
0700	False Decking	7060060	13,658.000	Sft
0710	Reinforcement, Steel, Epoxy Coated	7060092	11,010.000	Lb
0720	_ Expansive Waterstop	7067001	56.000	Ft
0730	Bushing	7070030	72.000	Ea
0740	Joint Waterproofing	7100001	317.000	Sft
0750	Conc Surface Coating (B01 of 70063)	7100010	1.000	LSUM
0760	Conc Surface Coating (B02 of 70063)	7100010	1.000	LSUM
0770	Substructure Horizontal Surface Sealer (B01 of 70063)	7100030	49.000	Syd
0780	Hand Chipping, Other Than Deck	7120007	660.000	Cft
0790	Patch, Forming	7120017	1,920.000	Sft
0800	Bridge Deck Surface Construction	7120025	1,425.000	Syd
0810	Structures, Rehabilitation, Rem Portions (B01 of 70063)	7120070	1.000	LSUM
0820	Structures, Rehabilitation, Rem Portions (B02 of 70063)	7120070	1.000	LSUM
0830	Deck Joint, Rem	7120071	288.000	Ft
0840	Latex Conc Surface, Rem	7120072	1,425.000	Syd
0850	Hydrodemolition, First Pass	7120076	1,425.000	Syd
0860	Hydrodemolition, Second Pass	7120077	143.000	Syd
0870	Flushing Cracks, Water	7120098	493.000	Ft
0880	Structural Crack, Repr	7120099	493.000	Ft
0890	Patching Conc, C-L	7120112	25.000	Cyd
0900	Embedded Galvanic Anode	7120120	1,601.000	Ea
0910	_ Beam End Repair, Latex Modified Conc	7127020	4.000	Cft
0920	_ Hand Chipping, Special	7127020	4.000	Cft
0930	_ Conc, Deep Bridge Deck Ovly	7127021	247.000	Cyd
0940	Beam Plate, Seal Perimeter	7130010	1,229.000	Ft
0950	Hanger Assembly, Field Measurement	7130030	18.000	Ea
0960	Hanger Assembly, Rem and Erect	7130031	18.000	Ea
0970	Structural Steel, Furn and Fab, Pin and Hanger	7130070	3,757.000	Lb
0980	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	407.000	Lb
0990	Support, Column, Temp	7130080	3.000	Ea
1000	Support, Suspension, Temp	7130082	18.000	Ea
1010	_ Beam Ends, Pin Plate Cutting	7137050	4.000	Ea
1020	Steel Structure, Cleaning, Partial, Type 4 (B02 of 70063)	7150047	1.000	LSUM
1030	Steel Structure, Coating, Partial, Type 4 (B02 of 70063)	7150048	1.000	LSUM
1040	Field Repair of Damaged Coating (B02 of 70063)	7160001	1.000	LSUM
1050	Slope Paving Header	8130015	25.000	Ft
1060	Slope Paving, Conc	8130020	42.000	Syd
1070	_ Riprap, Under Structures, Special	8137031	1,321.000	Ton



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 004

**Letting Date:** November 2, 2018

**Contract ID:** 81075-203034

**Description:** Install Roadside Units (RSU) including the design and construction of DSRC field infrastructure and communication systems to support Connected Vehicles applications for safety and mobility in support of the US-23 Flex Route and a number of research and industry partners along US-23 Flex Route from the US-23/M-14 interchange to the I-96/US-23 interchange, Livingston and Washtenaw Counties. This deployment will supplement the current Ann Arbor Connected Vehicle Test Environment (AACVTE) being operated by the University of Michigan Transportation Research Institute (UMTRI).

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203034A	N/A	N/A	GF18 81075

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$20,000.00	1500001	1.000	LSUM
0020	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0030	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0040	Minor Traf Devices	8120170	1.000	LSUM
0050	Mobile Attenuator	8120180	2.000	Ea
0060	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0070	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0080	Sign Cover	8120310	8.000	Ea
0090	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0100	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	440.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	440.000	Sft
0130	Contractor Staking, Road Only	8240007	1.000	LSUM
0140	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0150	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0160	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0170	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0180	_ Cable Entry Modification, Dynamic Message Sign	8267050	5.000	Ea
0190	_ Cable Entry Modification, Spun Concrete Pole	8267050	12.000	Ea
0200	_ Roadside Unit, Non-intersection	8267050	29.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 005

**Letting Date:** November 2, 2018

**Contract ID:** 84914-127488

**Description:** 43.50 mi of concrete median barrier delineation, signing and pavement markings on various routes in the the village of Birch Run, cities of Flint, Fenton and Swartz Creek, Genesee, Saginaw, Bay and Shiawassee Counties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
127488A	1801169	N/A	HSIP 84914

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$42,600.00	1500001	1.000	LSUM
0020	Guardrail Reflector	8070080	174.000	Ea
0030	Post, Steel, 3 lb	8100371	4,516.000	Ft
0040	Sign, Type III, Rem	8100403	182.000	Ea
0050	Sign, Type IIIA	8100404	2,153.000	Sft
0060	Reflective Panel for Permanent Sign Support, 3 foot	8100613	230.000	Ea
0070	Reflective Panel for Permanent Sign Support, 6 foot	8100616	46.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	26.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	281.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, Yellow	8110082	712.000	Ft
0110	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	675.000	Ft
0120	Rem Spec Mrkg	8110343	5,658.000	Sft
0130	Recessing Pavt Mrkg, Transv	8110451	675.000	Sft
0140	Recessing Pavt Mrkg, Turning Guide Line	8110452	993.000	Sft
0150	_ Enhanced Delineation, Bidirectional, Conc Barrier, Top Mount	8117001	223,000.000	Ft
0160	_ Enhanced Delineation, Unidirectional, Conc Barrier, Side Mount	8117001	5,280.000	Ft
0170	_ Pavt Mrkg, Waterborne, Yellow, Island Painting	8117010	5,485.000	Sft
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	450.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	450.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0240	Ltg for Night Work	8120160	1.000	LSUM
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Mobile Attenuator	8120180	2.000	Ea
0270	Plastic Drum, Fluorescent, Furn	8120252	160.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	160.000	Ea
0290	Sign Cover	8120310	8.000	Ea
0300	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	12.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	12.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	2,164.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	2,164.000	Sft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 006

**Letting Date:** November 2, 2018

**Contract ID:** 61000-123308

**Description:** Construct hot mix asphalt carpool lot on Farr Road at Airline Highway in the southeast quadrant, Muskegon County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
123308A	1801165	N/A	ST 61000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$21,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.030	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Fence, Rem	2040025	460.000	Ft
0050	Excavation, Earth	2050016	1,425.000	Cyd
0060	_ Embankment, CIP, Special	2057021	965.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0080	Erosion Control, Maintenance, Sediment Removal	2080026	6.000	Cyd
0090	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0100	Subbase, CIP	3010002	1,810.000	Cyd
0110	Aggregate Base, 6 inch	3020016	3,363.000	Syd
0120	Shoulder, CI II, 4 inch	3070126	105.000	Syd
0130	HMA Surface, Rem	5010005	100.000	Syd
0140	HMA Quality Initiative	5010007	1,380.000	Dlr
0150	HMA Approach	5010061	690.000	Ton
0160	Curb and Gutter, Conc, Det B2	8020016	180.000	Ft
0170	Driveway Opening, Conc, Det M	8020050	70.000	Ft
0180	Fence, Woven Wire with Steel Post	8080002	300.000	Ft
0190	Installing MDOT Supplied Sign, Type III	8100302	1.000	Ea
0200	Post, Steel, 3 lb	8100371	98.000	Ft
0210	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0220	Sign, Type II, Rem	8100397	1.000	Ea
0230	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0240	Sign, Type IIIA	8100404	13.000	Sft
0250	Sign, Type IIIB	8100405	13.000	Sft
0260	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0270	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	90.000	Ft

0280	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,851.000	Ft
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	288.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	288.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	8.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	8.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	Riprap, Plain	8130010	10.000	Syd
0400	Slope Restoration, Type A	8160100	2,400.000	Syd
0410	Slope Restoration, Type B	8160101	300.000	Syd
0420	Contractor Staking, Road Only	8240007	1.000	LSUM
0430	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0440	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0450	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 007

**Letting Date:** November 2, 2018

**Contract ID:** 82024-201017

**Description:** 0.80 mi of turf establishment on I-94 at Concord Avenue and French Road in the city of Detroit, Wayne County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201017A	1801195	N/A	NH 82024

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$32,000.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	_ Turf Establishment, Performance	8167011	15,520.000	Syd



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AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 008

**Letting Date:** November 2, 2018

**Contract ID:** 82024-201024

**Description:** 0.80 mi of concrete curb, driveways and sidewalks and aggregate base along bridge approaches on I-94 at Concord Avenue and French Road in the city of Detroit, Wayne County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201024A	FED/STATE	N/A	NH 82025

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$25,000.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Aggregate Base, 6 inch	3020016	2,400.000	Syd
0040	Driveway, Nonreinf Conc, 6 inch	8010005	27.000	Syd
0050	Driveway, Nonreinf Conc, 8 inch	8010007	215.000	Syd
0060	Curb, Conc, Det E1	8020001	309.000	Ft
0070	Detectable Warning Surface	8030010	163.000	Ft
0080	Sidewalk Ramp, Conc, 6 inch	8030036	3,733.000	Sft
0090	Sidewalk, Conc, 4 inch	8030044	13,004.000	Sft
0100	Sidewalk, Conc, 6 inch	8030046	251.000	Sft
0110	_ Sidewalk, Conc, 8 inch	8037010	1,954.000	Sft
0120	Contractor Staking, Road Only	8240007	1.000	LSUM
0130	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0140	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0150	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr





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AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 009

**Letting Date:** November 2, 2018

**Contract ID:** 28013-203412

**Description:** Application of durable pavement markings on various routes in the city of Traverse City, Grand Traverse County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203412A	1801108	N/A	HSIP 28013

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$11,900.00	1500001	1.000	LSUM
0020	Rem Spec Mrkg	8110343	10,660.000	Sft
0030	Recessing Pavt Mrkg, Transv	8110451	1,335.000	Sft
0040	_ Pavt Mrkg, Methyl Methacrylate, 24 inch, Stop Bar	8117001	3,964.000	Ft
0050	_ Pavt Mrkg, Methyl Methacrylate, 6 inch, Crosswalk	8117001	1,585.000	Ft
0060	_ Pavt Mrkg, Polyurea, 24 inch, Stop Bar, 50 Mil	8117001	419.000	Ft
0070	Minor Traf Devices	8120170	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 010

**Letting Date:** November 2, 2018

**Contract ID:** 50000-200238

**Description:** Signal modernization, countdown pedestrian signals and dilemma zone detection on various routes at three intersections in the city of Warren, Macomb County. This is a Local Agency Project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200238A	1801078	N/A	HSIP 50000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$45,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	9.000	Ft
0030	Sidewalk, Rem	2040055	235.000	Syd
0040	Exploratory Investigation, Vertical	2040080	50.000	Ft
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0060	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0070	Lane Tie, Epoxy Anchored	6030030	15.000	Ea
0080	_ Pedestrian Path, Temp	8007001	400.000	Ft
0090	_ Pedestrian Ramp, Temp	8007050	8.000	Ea
0100	Detectable Warning Surface	8030010	100.000	Ft
0110	Curb Ramp Opening, Conc	8030030	14.000	Ft
0120	Sidewalk Ramp, Conc, 4 inch	8030034	1,345.000	Sft
0130	_ Sidewalk Ramp, Conc, 8 inch	8037010	686.000	Sft
0140	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0150	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0160	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	100.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	100.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Slope Restoration, Type A	8160100	800.000	Syd
0240	Conduit, DB, 1, 1/2 inch	8190025	600.000	Ft
0250	Conduit, DB, 1, 3 inch	8190029	1,000.000	Ft
0260	Conduit, DB, 3, 3 inch	8190035	85.000	Ft
0270	Hh, Rem	8190254	8.000	Ea
0280	Hh, Round	8190260	10.000	Ea

0290	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8190485	6.000	Ea
0300	Wood Pole, Rem	8190505	1.000	Ea
0310	Case Sign, Rem	8200020	3.000	Ea
0320	Controller and Cabinet, Rem	8200030	3.000	Ea
0330	Fdn, Rem	8200065	2.000	Ea
0340	Pedestal, Fdn	8200105	16.000	Ea
0350	Pedestal Fdn, Rem	8200106	6.000	Ea
0360	Pushbutton Pedestal, Alum	8200123	2.000	Ea
0370	Pushbutton Pedestal, Rem	8200124	10.000	Ea
0380	Serv Disconnect	8200135	3.000	Ea
0390	Serv Disconnect, Rem	8200136	3.000	Ea
0400	Span Wire	8200140	17.000	Ea
0410	Span Wire, Rem	8200141	5.000	Ea
0420	Span Wire Tether	8200142	17.000	Ea
0430	Steel Pole, Rem	8200145	2.000	Ea
0440	Strain Pole Fdn, Cased	8200150	72.000	Ft
0450	Strain Pole, Steel, Anchor Base, 30 foot	8200155	6.000	Ea
0460	Guy, Rem	8200167	1.000	Ea
0470	TS, Bracket Arm Mtd, Rem	8200175	3.000	Ea
0480	TS, Pedestal Mtd, Rem	8200179	4.000	Ea
0490	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
0500	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
0510	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0520	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0530	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	16.000	Ea
0540	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown , Salv	8200345	2.000	Ea
0550	Bracket, Truss, Rem	8200388	7.000	Ea
0560	TS Face, Bag	8200458	4.000	Ea
0570	TS Face, Bag, Rem	8200459	4.000	Ea
0580	_ Case Sign (LED), One Way, 24 inch by 30 inch, Black	8207050	5.000	Ea
0590	_ OCA, ATC 2070, ITS	8207050	3.000	Ea
0600	_ OCA, ITS, Cabinet Foundation, 4 Door	8207050	3.000	Ea
0610	_ OCA, ITS, Cabinet Housing 2, Base Mount, Black	8207050	3.000	Ea
0620	_ OCA, ITS, Input Assembly	8207050	3.000	Ea
0630	_ OCA, ITS, Output Assembly, 14 Switch Pack	8207050	3.000	Ea
0640	_ OCA, Operational Test Certification, Controller and Cabinet	8207050	3.000	Ea
0650	_ Pedestal, Black	8207050	16.000	Ea
0660	_ Pedestal, Rem	8207050	6.000	Ea
0670	_ Pushbutton and Sign, Black	8207050	10.000	Ea
0680	_ Pushbutton and Sign, Salv	8207050	10.000	Ea
0690	_ Pushbutton, Rem	8207050	10.000	Ea
0700	_ Radar Detection, Dilemma Zone	8207050	6.000	Ea

0710	_ Radar Detection, Stop Bar, Rem	8207050	5.000	Ea
0720	_ Roadside Unit, Rem	8207050	3.000	Ea
0730	_ Roadside Unit, Salv	8207050	3.000	Ea
0740	_ Steel Truss Arm, Steel Pole Mount, 18 Foot	8207050	1.000	Ea
0750	_ Steel Truss Arm, Steel Pole Mount, 6 Foot	8207050	2.000	Ea
0760	_ Steel Truss Arm, Wood Pole Mount, 18 Foot, Salv	8207050	3.000	Ea
0770	_ Steel Truss Arm, Wood Pole Mount, 6 Foot	8207050	1.000	Ea
0780	_ Steel Truss Arm, Wood Pole Mount, 6 Foot, Salv	8207050	3.000	Ea
0790	_ TS, One Way Span Wire Mtd, Safety	8207050	22.000	Ea
0800	_ Video Detection, Camera	8207050	5.000	Ea
0810	_ WiFi Detector, Rem	8207050	3.000	Ea
0820	_ WiFi Detector, Salv	8207050	3.000	Ea
0830	_ Wireless Interconnect, Access Point, Rem	8207050	3.000	Ea
0840	_ Wireless Interconnect, Access Point, Salv	8207050	3.000	Ea
0850	_ Wireless Interconnect, Dual Radio, Rem	8207050	1.000	Ea
0860	_ Wireless Interconnect, Dual Radio, Salv	8207050	1.000	Ea
0870	_ Wireless Interconnect, Integrated Radio	8207050	1.000	Ea
0880	_ Wireless Interconnect, Integrated Radio, Rem	8207050	2.000	Ea
0890	_ Wireless Interconnect, Integrated Radio, Salv	8207050	2.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 011

**Letting Date:** November 2, 2018

**Contract ID:** 81161-133246

**Description:** 1.20 mi of hot mix asphalt shared use path, concrete curb, gutter, sidewalk and ramps, prefabricated bridges, piles, boardwalks, earthwork, drainage and pavement markings along Huron River Drive from Dexter-Huron Metropark to Zeeb Road, Washtenaw County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133246A	1801093	N/A	TA 81161

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	_ Railroad Permit	1077060	17,000.000	Dir
0020	Mobilization, Max \$414,900.00	1500001	1.000	LSUM
0030	Tree, Rem, 19 inch to 36 inch	2020002	35.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	129.000	Ea
0050	_ Pavt, Rem, Modified	2047011	550.000	Syd
0060	_ Boulder, Relocate	2047050	6.000	Ea
0070	_ Subgrade Undercutting, 21AA, Special	2057021	150.000	Cyd
0080	_ Subgrade Undercutting, 6A, Special	2057021	150.000	Cyd
0090	_ Subgrade Undercutting, Class II, Special	2057021	100.000	Cyd
0100	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0110	Erosion Control, Silt Fence	2080036	13,033.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0130	_ Audio Video DVD, Special	2097051	1.000	LSUM
0140	_ Aggregate Base, 6 inch, Modified	3027011	205.000	Syd
0150	_ Maintenance Gravel, Special	3067031	50.000	Ton
0160	_ Shoulder, Class II, Modified	3077031	5.000	Ton
0170	Geotextile, Separator	3080005	4,082.000	Syd
0180	Culv End Sect, 12 inch	4010012	2.000	Ea
0190	Culv End Sect, 24 inch	4010024	1.000	Ea
0200	Culv End Sect, Grate	4010083	133.000	Lb
0210	Culv, CI A, 12 inch	4010131	100.000	Ft
0220	Sewer, CI A, 24 inch, Tr Det B	4020036	725.000	Ft
0230	Dr Structure Cover, Type E	4030035	3.000	Ea
0240	Dr Structure, 48 inch dia	4030210	3.000	Ea
0250	Underdrain, Subgrade, 6 inch	4040073	1,167.000	Ft
0260	_ Infiltration Trench	4047001	4,082.000	Ft
0270	Cold Milling HMA Surface	5010002	1,386.000	Syd

0280	HMA, 5E1	5010056	45.000	Ton
0290	HMA, LVSP	5010703	45.000	Ton
0300	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0310	Pile, CIP Conc, Furn and Driven, 12 inch	7050020	2,010.000	Ft
0320	Test Pile, CIP Conc, 12 inch	7050021	4.000	Ea
0330	Pile Point, CIP Conc	7050025	40.000	Ea
0340	_ Helical Pile, Add Depth	7057001	100.000	Ft
0350	_ Helical Pile	7057050	402.000	Ea
0360	_ Verification Load Test	7057050	6.000	Ea
0370	_ Massive Wall Unit Retaining Wall	7067010	1,520.000	Sft
0380	_ Boardwalk	7097001	1,080.000	Ft
0390	Structures, Temp, Rem	7140002	1.000	LSUM
0400	_ Structures, Temp, Modified	7147051	1.000	LSUM
0410	Driveway, Nonreinf Conc, 8 inch	8010007	115.000	Syd
0420	Curb and Gutter, Conc, Det F4	8020038	225.000	Ft
0430	Spillway, Conc	8020075	10.000	Ft
0440	Detectable Warning Surface	8030010	40.000	Ft
0450	Sidewalk Ramp, Conc, 6 inch	8030036	690.000	Sft
0460	Sidewalk, Conc, 6 inch	8030046	615.000	Sft
0470	Shared use Path, Conc	8060020	254.000	Syd
0480	Shared use Path, HMA	8060040	2,795.000	Ton
0490	_ Shared Use Path, Grading, Modified	8067001	9,323.000	Ft
0500	_ Shared Use Path, Aggregate, 8 Inch, Modified	8067011	5,770.000	Syd
0510	_ Path Railing	8077001	180.000	Ft
0520	Fence, Protective	8080007	2,785.000	Ft
0530	_ Fence, Chain Link, 72 inch, Special	8087001	1,911.000	Ft
0540	_ Drive Gate, Rem, Salvage and Re-erect	8087050	1.000	Ea
0550	_ Fence Gate, 16 foot, for 72 inch Chain Link Fence, Special	8087050	1.000	Ea
0560	Post, Steel, 3 lb	8100371	56.000	Ft
0570	Sign, Type III, Rem	8100403	2.000	Ea
0580	Sign, Type IIIA	8100404	27.000	Sft
0590	Sign, Type IIIB	8100405	9.000	Sft
0600	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	50.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	60.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0630	Pavt Mrkg, Waterborne, 4 inch, White	8110231	225.000	Ft
0640	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	450.000	Ft
0650	_ Pavt Mrkg, Ovly Cold Plastic, Road, Modified	8117050	1.000	Ea
0660	_ Pavt Mrkg, Ovly Cold Plastic, Xing, Modified	8117050	1.000	Ea
0670	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0680	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0690	Pedestrian Type II Barricade, Temp	8120026	1.000	Ea
0700	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0710	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0720	Minor Traf Devices	8120170	1.000	LSUM
0730	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0750	Sign, Type B, Temp, Prismatic, Furn	8120350	572.000	Sft
0760	Sign, Type B, Temp, Prismatic, Oper	8120351	572.000	Sft
0770	Traf Regulator Control	8120370	1.000	LSUM
0780	_ Buoy, Furn and Oper	8127050	8.000	Ea
0790	Riprap, Plain	8130011	20.000	Ton
0800	Site Preparation, Max \$350.00	8150001	1.000	LSUM
0810	Watering and Cultivating, First Season, Min \$100.00	8150002	1.000	LSUM
0820	Watering and Cultivating, Second Season, Min \$200.00	8150003	1.000	LSUM
0830	Acer nigrum, 2 inch	8150092	1.000	Ea
0840	Acer saccharum, 2 inch	8150192	1.000	Ea
0850	_ Turf Establishment, Performance	8167011	13,640.000	Syd
0860	_ Bench	8507050	2.000	Ea
0870	_ Bike Rack	8507050	4.000	Ea

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**Section: 2**

0880	Backfill, Structure, CIP	2060002	323.000	Cyd
0890	Excavation, Fdn	2060010	423.000	Cyd
0900	Erosion Control, Filter Bag	2080014	8.000	Ea
0910	Erosion Control, Gravel Filter Berm	2080018	360.000	Ft
0920	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0930	Erosion Control, Turbidity Curtain, Deep	2080042	112.000	Ft
0940	Underdrain, Fdn, 6 inch	4040033	96.000	Ft
0950	Underdrain Outlet, 6 inch	4040093	96.000	Ft
0960	Cofferdams (Bridge 1)	7040007	1.000	LSUM
0970	Cofferdams (Bridge 2)	7040007	1.000	LSUM
0980	Conc, Grade T	7060013	78.000	Cyd
0990	Reinforcement, Steel, Epoxy Coated	7060092	24,000.000	Lb
1000	Substructure Conc	7060100	285.000	Cyd
1010	_ Prefabricated Bridge, 200 ft Span, Furn	7077050	1.000	Ea
1020	_ Prefabricated Bridge, 200 ft Span, Installed	7077050	1.000	Ea
1030	_ Prefabricated Bridge, 225 ft Span, Furn	7077050	1.000	Ea
1040	_ Prefabricated Bridge, 225 ft Span, Installed	7077050	1.000	Ea
1050	_ Riprap, Fieldstone	8137031	1,070.000	Ton

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AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 013

**Letting Date:** November 2, 2018

**Contract ID:** 12000-130066-2

**Description:** 3.96 mi of hot mix asphalt resurfacing and pavement markings on Jonesville Road from Fremont Road to Quincy Grange Road, Branch County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130066A	1800829	N/A	STL 12000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$29,700.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	475.000	Ton
0040	Pavt for Butt Joints, Rem	5010008	515.000	Syd
0050	HMA, LVSP	5010703	4,650.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	42,000.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,375.000	Ft
0080	Channelizing Device, 42 inch, Furn	8120030	105.000	Ea
0090	Channelizing Device, 42 inch, Oper	8120031	105.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	840.000	Ft
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	464.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	464.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM





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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 014

**Letting Date:** November 2, 2018

**Contract ID:** 02000-202627

**Description:** 0.50 mi of hot mix asphalt crushing, shaping and resurfacing with shoulder work on Sand Point Road north of Washington Street, Alger County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202627A	1801060	N/A	STL 02000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$13,400.00	1500001	1.000	LSUM
0020	HMA Base Crushing and Shaping	3050002	7,600.000	Syd
0030	Material, Surplus and Unsuitable, Rem, LM	3050010	20.000	Cyd
0040	Approach, CI II, 3 inch	3070025	112.000	Syd
0050	Shoulder, CI II, 3 inch	3070125	1,080.000	Syd
0060	HMA Approach	5010061	94.000	Ton
0070	HMA, LVSP	5010703	980.000	Ton
0080	Post, Mailbox	8070095	10.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,800.000	Ft
0100	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0110	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0140	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0150	Sign Cover	8120310	4.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	268.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	268.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM



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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 015**Letting Date:** November 2, 2018**Contract ID:** 14000-200299**Description:** 0.37 mi of guardrail replacement on various routes countywide, Cass County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200299A	1801087	N/A	HSIP 14000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$11,300.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	320.000	Ft
0030	Embankment, CIP	2050010	8.000	Cyd
0040	Excavation, Earth	2050016	25.000	Cyd
0050	Machine Grading	2050030	38.000	Sta
0060	Erosion Control, Silt Fence	2080036	50.000	Ft
0070	Aggregate Base, 4 inch	3020010	43.000	Syd
0080	Conc, Grade P1	6020030	9.000	Cyd
0090	Reinforcement, Steel, Epoxy Coated	7060092	928.000	Lb
0100	Guardrail, Type B	8070000	2,075.000	Ft
0110	Guardrail, Curved, Type B	8070010	50.000	Ft
0120	Guardrail Approach Terminal, Type 2B	8070042	20.000	Ea
0130	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0140	Guardrail Reflector	8070080	180.000	Ea
0150	_ Guardrail Long Span, Detail B-25	8077050	2.000	Ea
0160	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0170	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0180	Plastic Drum, High Intensity, Furn	8120250	14.000	Ea
0190	Plastic Drum, High Intensity, Oper	8120251	14.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	128.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	128.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Slope Restoration, Type C	8160102	50.000	Syd



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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 016

**Letting Date:** November 2, 2018

**Contract ID:** 30609-127383

**Description:** 5.52 mi of signing upgrades on State Road from the east city limits of Hillsdale to Knowles Road, Hillsdale County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
127383A	1801079	N/A	HSIP 30609

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$4,100.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	732.000	Ft
0030	Sign, Type III, Rem	8100403	37.000	Ea
0040	Sign, Type IIIB	8100405	285.000	Sft
0050	Reflective Panel for Permanent Sign Support, 6 foot	8100616	24.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	128.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	128.000	Sft
0110	Traf Regulator Control	8120370	1.000	LSUM
0120	_ Flashing LED Border Sign, Solar	8207050	4.000	Ea



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AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 017**Letting Date:** November 2, 2018**Contract ID:** 80051-204207**Description:** 0.15 mi of hot mix asphalt overlay, guardrail installation and pavement markings on M-152 from south of 95th Avenue to the south Van Buren county line, Van Buren County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204207A	1801110	N/A	HSIP 80051

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$9,200.00	1500001	1.000	LSUM
0020	Embankment, LM	2050011	6.000	Cyd
0030	Shoulder, CI II	3070121	130.000	Ton
0040	HMA Quality Initiative	5010007	348.000	Dlr
0050	Pavt for Butt Joints, Rem	5010008	218.000	Syd
0060	HMA Approach	5010061	174.000	Ton
0070	Guardrail, Type B	8070000	13.000	Ft
0080	Guardrail, Type MGS-8	8070004	1,201.000	Ft
0090	Guardrail, Curved, Type B	8070010	63.000	Ft
0100	Guardrail Anchored in Backslope, Type 4MGS-8	8070034	1.000	Ea
0110	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0120	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0130	Guardrail Reflector	8070080	50.000	Ea
0140	Delineator Reflector, Green	8100133	5.000	Ea
0150	Post, Rigid, Delineator	8100361	5.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	375.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	600.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	375.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	600.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	50.000	Ft
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	240.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	240.000	Sft

0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Fertilizer, Chemical Nutrient, CI A	8160020	11.000	Lb
0310	Seeding, Mixture THV	8160040	10.000	Lb
0320	Topsoil Surface, Furn, 4 inch	8160062	195.000	Syd
0330	_ Mulch Blanket, Modified	8167011	195.000	Syd
0340	Contractor Staking, Road Only	8240007	1.000	LSUM
0350	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0360	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0370	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 018

**Letting Date:** November 2, 2018

**Contract ID:** 82025-113127

**Description:** 0.80 mi of replacement of two structures with 42 inch by 49 inch and 48 inch by 49 inch concrete bulb tee beams, concrete curb, gutter, sidewalk, driveway opening, sewer, drainage, guardrail, steel piles, sheet piling, approach work, signage and pavement markings on I-94 at French Road and Concord Avenue in the city of Detroit, Wayne County. This project includes two 5 year materials and workmanship pavement warranties and a 2 year warranty on concrete surface coating.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
113127A	1801142	N/A	NH 82025
113551A	1801183	N/A	IM 82024

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dir
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dir
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dir
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dir
0050	Dispute Review Board, Progress Meeting	1040050	24,500.000	Dir
0060	Critical Path Method Schedule	1080005	15,000.000	Dir
0070	Mobilization, Max \$1,524,100.00	1500001	1.000	LSUM
0080	Clearing	2010001	3.130	Acre
0090	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0100	Tree, Rem, 6 inch to 18 inch	2020004	25.000	Ea
0110	Dr Structure, Abandon	2030010	3.000	Ea
0120	Dr Structure, Rem	2030011	30.000	Ea
0130	Sewer, Rem, Less than 24 inch	2030015	1,243.000	Ft
0140	_ Abandon Utility, International Transmission Company, Rem 9 inch	2037001	508.000	Ft
0150	_ Abandon Utility, Rem 12 inch	2037001	101.000	Ft
0160	_ Abandon Utility, Rem 3 inch	2037001	100.000	Ft
0170	_ Abandon Utility, Rem 4 inch	2037001	838.000	Ft
0180	_ Abandon Utility, Rem 6 inch	2037001	389.000	Ft
0190	_ Aluminum Cable, International Transmission Company, Rem	2037001	25.000	Ft
0200	Asbestos Materials, Rem and Disposal	2040001	367,700.000	Dir
0210	Concrete Barrier, Rem	2040010	769.000	Ft
0220	Curb and Gutter, Rem	2040020	3,407.000	Ft
0230	Curb, Rem	2040021	59.000	Ft
0240	Fence, Rem	2040025	1,481.000	Ft

0250	Glare Screen, Rem	2040030	586.000	Ft
0260	Guardrail, Rem	2040035	297.000	Ft
0270	Masonry and Conc Structure, Rem	2040045	80.000	Cyd
0280	Pavt, Rem	2040050	11,681.000	Syd
0290	Sidewalk, Rem	2040055	1,987.000	Syd
0300	Track, Rem	2040065	1,000.000	Ft
0310	Exploratory Investigation, Vertical	2040080	350.000	Ft
0320	Embankment, CIP	2050010	4,740.000	Cyd
0330	Excavation, Earth	2050016	19,149.000	Cyd
0340	Non Haz Contaminated Material Handling and Disposal, LM	2050031	2,000.000	Cyd
0350	Subgrade Undercutting, Type II	2050041	1,350.000	Cyd
0360	Erosion Control, Gravel Access Approach	2080016	8.000	Ea
0370	Erosion Control, Inlet Protection, Fabric Drop	2080020	142.000	Ea
0380	Erosion Control, Inlet Protection, Sediment Trap	2080024	34.000	Ea
0390	Erosion Control, Maintenance, Sediment Removal	2080026	70.000	Cyd
0400	Erosion Control, Silt Fence	2080036	4,050.000	Ft
0410	Project Cleanup	2090001	1.000	LSUM
0420	Subbase, CIP	3010002	5,449.000	Cyd
0430	Aggregate Base	3020001	968.000	Ton
0440	Aggregate Base, 6 inch	3020016	18,459.000	Syd
0450	Aggregate Base, 8 inch	3020020	370.000	Syd
0460	Geotextile, Separator	3080005	4.000	Syd
0470	Geotextile, Stabilization	3080010	1,000.000	Syd
0480	Sewer, CI A, 12 inch, Tr Det B	4020033	4,156.000	Ft
0490	Sewer, CI A, 15 inch, Tr Det B	4020034	66.000	Ft
0500	Trench Undercut and Backfill	4021260	150.000	Cyd
0510	Video Taping Sewer and Culv Pipe	4021275	12,110.000	Ft
0520	_ Sewer Bulkhead, 30 inch by 45 inch	4027050	5.000	Ea
0530	_ Sewer Bulkhead, 32 inch by 48 inch	4027050	2.000	Ea
0540	_ Bypass Pumping	4027051	1.000	LSUM
0550	Dr Structure Cover, Adj, Case 1	4030005	48.000	Ea
0560	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0570	Dr Structure Cover, Type B	4030010	21.000	Ea
0580	Dr Structure Cover, Type G	4030040	4.000	Ea
0590	Dr Structure Cover, Type K	4030050	83.000	Ea
0600	Dr Structure Lead, Cleaning, 12 inch	4030112	600.000	Ft
0610	Dr Structure, 24 inch dia	4030200	34.000	Ea
0620	Dr Structure, 48 inch dia	4030210	84.000	Ea
0630	Dr Structure, 60 inch dia	4030220	1.000	Ea
0640	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	1.000	Ft
0650	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	67.000	Ft
0660	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	2.000	Ft

0670	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	4.000	Ft
0680	Dr Structure, Adj, Add Depth	4030280	27.000	Ft
0690	Dr Structure, Cleaning	4030290	60.000	Ea
0700	Dr Structure, Tap, 6 inch	4030306	58.000	Ea
0710	Dr Structure, Tap, 12 inch	4030312	11.000	Ea
0720	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0730	Dr Structure, Tap, 30 inch	4030330	2.000	Ea
0740	_ Dr Structure Cover, Type DX, Modified	4037050	4.000	Ea
0750	_ Dr Structure Cover, Type VG, Modified	4037050	12.000	Ea
0760	_ Gate Well Cover	4037050	7.000	Ea
0770	_ Hh, Heavy Duty Cover, Modified	4037050	5.000	Ea
0780	_ Sewer Structure Cover	4037050	21.000	Ea
0790	Underdrain, Subbase, 6 inch	4040063	11,294.000	Ft
0800	Underdrain Outlet, 6 inch	4040093	2,048.000	Ft
0810	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0820	_ Underdrain, Rem	4047001	1,380.000	Ft
0830	Cold Milling HMA Surface	5010002	748.000	Syd
0840	HMA Surface, Rem	5010005	15,616.000	Syd
0850	HMA Quality Initiative	5010007	622.000	Dlr
0860	Edge Trimming	5010009	120.000	Ft
0870	Hand Patching	5010025	241.000	Ton
0880	HMA, 4E30, High Stress	5010511	35.000	Ton
0890	HMA, Temp Pavt (3E3)	5010804	50.000	Ton
0900	HMA, Temp Pavt (4E3)	5010805	30.000	Ton
0910	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	35.000	Ton
0920	Conc Base Cse, Nonreinf, 10 inch	6020023	300.000	Syd
0930	Conc Pavt, Curing Horizontal Surfaces	6020159	4,173.000	Syd
0940	Joint, Contraction, C3p	6020201	2,399.000	Ft
0950	Joint, Expansion, E3	6020208	184.000	Ft
0960	Joint, Contraction Cp, Intersection	6020250	2,940.000	Ft
0970	Joint, Expansion E2, Intersection	6020270	710.000	Ft
0980	Joint, Plane-of-Weakness W, Intersection	6020310	205.000	Ft
0990	Conc Quality Initiative	6020401	34,385.000	Dlr
1000	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	8,457.000	Syd
1010	Shoulder, Nonreinf Conc, High Performance	6020524	4,414.000	Syd
1020	_ Joint, Contraction, Cp, Modified	6027001	4,073.000	Ft
1030	_ Joint, Expansion, E2, Modified	6027001	200.000	Ft
1040	Joint, Tied, Trg	6030023	471.000	Ft
1050	Lane Tie, Epoxy Anchored	6030030	2,930.000	Ea
1060	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	501.000	Syd
1070	Conc, Grade S2	7060011	35.000	Cyd
1080	Reinforcement, Steel	7060090	675.000	Lb
1090	Reflective Marker, Permanent Barrier	7110003	125.000	Ea



1100	Bolt, Adhesive Anchored, 1/2 inch	7120040	32.000	Ea
1110	_ Combined Sewer, Conc, 30 inch, Tr Det B	8007001	188.000	Ft
1120	_ Combined Sewer, Rem, 24 inch to 48 inch	8007001	55.000	Ft
1130	_ Combined Sewer, Rem, Over 48 inch	8007001	129.000	Ft
1140	_ Combined Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	8007001	7.000	Ft
1150	_ Combined Structure, Add Depth of 72 inch dia, more than 15 foot	8007001	4.000	Ft
1160	_ Fiber Optic, Cable, Reinstall	8007001	1,455.000	Ft
1170	_ Fiber Optic, Cable, Rem	8007001	1,455.000	Ft
1180	_ Pedestrian Path, Temp	8007001	8,100.000	Ft
1190	_ Bus Stop, Temp	8007050	3.000	Ea
1200	_ Combined Structure, 72 inch dia	8007050	1.000	Ea
1210	_ Combined Structure, Exterior Drop, 18 inch	8007050	1.000	Ea
1220	_ Hh, Clean	8007050	6.000	Ea
1230	_ Pedestrian Ramp, Temp	8007050	4.000	Ea
1240	_ Underground Splice Enclosure	8007050	6.000	Ea
1250	_ System Testing	8007051	1.000	LSUM
1260	_ Vibration Monitoring, Utility(S03 of 82025)	8007051	1.000	LSUM
1270	_ Vibration Monitoring, Utility(S11 of 82024)	8007051	1.000	LSUM
1280	Curb, Conc, Det E1	8020001	3,877.000	Ft
1290	Driveway Opening, Conc, Det M	8020050	374.000	Ft
1300	_ Curb, Conc, Det E1, Modified	8027001	155.000	Ft
1310	_ Valley Gutter, Conc, 14 inch, Modified	8027001	3,111.000	Ft
1320	Curb Ramp Opening, Conc	8030030	235.000	Ft
1330	Sidewalk, Conc, 4 inch	8030044	67.000	Sft
1340	Conc Barrier, Single Face, Type A	8040001	2,416.000	Ft
1350	Glare Screen, Conc	8040015	409.000	Ft
1360	Glare Screen, Conc, Split	8040016	178.000	Ft
1370	Conc Barrier Backfill, CIP	8040030	3,658.000	Cyd
1380	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	249.000	Ft
1390	_ Conc Barrier, Single Face, Type A, Modified	8047001	195.000	Ft
1400	_ Conc Barrier, Split, Type A, Special, 0-2 Feet	8047001	89.000	Ft
1410	_ Conc Barrier, Double Face, Mh Panel	8047050	2.000	Ea
1420	Guardrail, Type MGS-8	8070004	213.000	Ft
1430	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
1440	Guardrail Reflector	8070080	12.000	Ea
1450	Fence, Chain Link, 48 inch	8080011	1,605.000	Ft
1460	Band, Sign	8100010	20.000	Ea
1470	Bridge Sign Connection, Conc, Type A1	8100031	8.000	Ea
1480	Bridge Sign Connection, Type A, Rem	8100080	6.000	Ea
1490	Bridge Sign Connection, Type E, Rem	8100084	2.000	Ea
1500	Cantilever, Type E	8100104	2.000	Ea
1510	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	56.000	Ft

1520	Fdn, Wood Support, Rem	8100280	5.000	Ea
1530	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
1540	Post, Steel, 3 lb	8100371	557.000	Ft
1550	Post, Wood, 4 inch by 6 inch	8100380	82.000	Ft
1560	Sign, Type I, Rem	8100391	2.000	Ea
1570	Sign, Type IA	8100392	326.000	Sft
1580	Sign, Type II, Rem	8100397	12.000	Ea
1590	Sign, Type IIA	8100398	183.000	Sft
1600	Sign, Type IIB	8100399	84.000	Sft
1610	Sign, Type III, Erect, Salv	8100402	17.000	Ea
1620	Sign, Type III, Rem	8100403	48.000	Ea
1630	Sign, Type IIIA	8100404	89.000	Sft
1640	Sign, Type IIIB	8100405	65.000	Sft
1650	Sign, Type V, Rem	8100421	1.000	Ea
1660	Sign, Type VA	8100424	16.000	Sft
1670	Sign, Type VB	8100425	14.000	Sft
1680	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	935.000	Ft
1690	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	260.000	Ft
1700	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	100.000	Ft
1710	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	3,860.000	Ft
1720	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	14,320.000	Ft
1730	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	12,560.000	Ft
1740	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,660.000	Ft
1750	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,960.000	Ft
1760	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,430.000	Ft
1770	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	180.000	Ft
1780	Rem Curing Compound, for Spec Mrkg	8110321	1,180.000	Sft
1790	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1800	Recessing Pavt Mrkg, Longit	8110450	32,030.000	Ft
1810	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	6,100.000	Ft
1820	Pavt Mrkg, Modified Urethane, 12 inch, Cross Hatching White	8110534	170.000	Ft
1830	Barricade, Type III, High Intensity, Lighted, Furn	8120022	163.000	Ea
1840	Barricade, Type III, High Intensity, Lighted, Oper	8120023	163.000	Ea
1850	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
1860	Pedestrian Type II Channelizer, Temp	8120027	895.000	Ft
1870	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
1880	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
1890	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
1900	Conc Barrier, Temp, Adj	8120080	1,779.000	Ft
1910	Conc Barrier, Temp, Furn	8120081	3,055.000	Ft
1920	Conc Barrier, Temp, Oper	8120082	3,055.000	Ft
1930	Conc Barrier, Temp, Relocated	8120083	15.000	Ft
1940	High Intensity Light, Type B, Furn	8120110	4.000	Ea

1950	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1960	Lighted Arrow, Type C, Furn	8120140	26.000	Ea
1970	Lighted Arrow, Type C, Oper	8120141	26.000	Ea
1980	Ltg for Night Work	8120160	1.000	LSUM
1990	Minor Traf Devices	8120170	1.000	LSUM
2000	Mobile Attenuator	8120180	2.000	Ea
2010	Part Width Intersection Construction	8120190	2.000	Ea
2020	Pavt Mrkg Cover, Type R, Black	8120200	7,270.000	Ft
2030	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	47,900.000	Ft
2040	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,200.000	Ft
2050	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,800.000	Ft
2060	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	104,335.000	Ft
2070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	35,835.000	Ft
2080	Plastic Drum, Fluorescent, Furn	8120252	1,370.000	Ea
2090	Plastic Drum, Fluorescent, Oper	8120253	1,370.000	Ea
2100	Sign Cover	8120310	100.000	Ea
2110	Sign Cover, Type 1	8120320	2.000	Ea
2120	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	21.000	Ea
2130	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	21.000	Ea
2140	Sign, Type A, Temp, Prismatic, Furn	8120340	1,525.000	Sft
2150	Sign, Type A, Temp, Prismatic, Oper	8120341	1,525.000	Sft
2160	Sign, Type B, Temp, Prismatic, Furn	8120350	6,478.000	Sft
2170	Sign, Type B, Temp, Prismatic, Oper	8120351	6,478.000	Sft
2180	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	8,281.000	Sft
2190	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	8,281.000	Sft
2200	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	80.000	Ea
2210	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	80.000	Ea
2220	Mulch Blanket	8160027	2,000.000	Syd
2230	_ Turf Establishment, Performance	8167011	1,000.000	Syd
2240	Cable, Rem	8190016	5,595.000	Ft
2250	Cable, Sec, Rem	8190017	102.000	Ft
2260	Conduit, DB, 2, 3 inch	8190032	1,380.000	Ft
2270	Conduit, Directional Bore, 3 inch	8190044	550.000	Ft
2280	Conduit, Encased, 1, 3 inch	8190058	355.000	Ft
2290	Conduit, Encased, 6, 4 inch	8190075	64.000	Ft
2300	Conduit, Encased, 12, 4 inch	8190081	220.000	Ft
2310	Conduit, Rem	8190140	2,413.000	Ft
2320	Conduit, Schedule 40, 3 inch	8190149	160.000	Ft
2330	DB Cable, in Conduit, Rem	8190220	950.000	Ft
2340	Hh, Adj	8190244	5.000	Ea
2350	Hh, Heavy Duty Cover	8190246	15.000	Ea

2360	Hh, Rem	8190254	8.000	Ea
2370	Hh, Round, 3 foot dia	8190259	12.000	Ea
2380	Hh, Round	8190260	9.000	Ea
2390	Light Std Arm, Rem	8190277	5.000	Ea
2400	Light Std Fdn, Rem	8190280	3.000	Ea
2410	Light Std Shaft, Rem	8190305	5.000	Ea
2420	Luminaire, Install Salv	8190350	19.000	Ea
2430	Luminaire, Rem	8190360	6.000	Ea
2440	Luminaire, Rem and Salv	8190365	19.000	Ea
2450	Cable, Sec, 600V, 1, 3/C#6	8190399	1,180.000	Ft
2460	Cable, Sec, Triplex, 1, 3/C#4	8190418	2,184.000	Ft
2470	Wood Pole, Cl 4, 40 foot	8190473	12.000	Ea
2480	Wood Pole, Fit Up, Mult Ltg Cable Pole	8190491	8.000	Ea
2490	Wood Pole, Rem	8190505	16.000	Ea
2500	Bracket Arm, Clamp On, Rem	8190520	1.000	Ea
2510	Bracket Arm, Clamp On, 6 Foot, with 3 Foot Rise	8190521	2.000	Ea
2520	Conduit, Directional Bore, 2, 3 inch	8190604	915.000	Ft
2530	_ Cable, Equipment Grounding Wire, 1/C#4, Aluminum	8197001	586.000	Ft
2540	_ Cable, Equipment Grounding Wire, 1/C#8, Aluminum	8197001	830.000	Ft
2550	_ Cable, URD, 28kV, 1, 1/C#350(Detroit Public Lighting Department)	8197001	3,294.000	Ft
2560	_ Conduit, Encased, 1, 1 1/2 inch, Modified	8197001	107.000	Ft
2570	_ Conduit, Encased, 1, 3 inch, Modified	8197001	40.000	Ft
2580	_ Conduit, Encased, 15, 4 inch	8197001	366.000	Ft
2590	_ Conduit, Encased, 2, 3 inch, Modified	8197001	107.000	Ft
2600	_ Conduit, Encased, 3, 4 inch, Modified	8197001	28.000	Ft
2610	_ DB Cable, in Conduit, 600V, 1/C#4, Aluminum	8197001	4,236.000	Ft
2620	_ Underground Residential Distribution Cable, 28kV, 1, 1/C#350	8197001	3,294.000	Ft
2630	_ Bracket Arm, Clamp On, Install Salv	8197050	19.000	Ea
2640	_ Bracket Arm, Clamp On, Rem and Salv	8197050	19.000	Ea
2650	_ Conc Plug, Type Round, 3 foot Dia	8197050	9.000	Ea
2660	_ Hh, Replace Frame and Cover, Detroit Public Lighting Department	8197050	20.000	Ea
2670	_ Light Std and Luminaire	8197050	8.000	Ea
2680	_ Luminaire (Public Lighting Authority)	8197050	2.000	Ea
2690	_ Mh, Corner (Detroit Public Lighting Department)	8197050	4.000	Ea
2700	_ Mh, Reconst (Detroit Public Lighting Department)	8197050	10.000	Ea
2710	_ Mh, Rem (Detroit Public Lighting Department)	8197050	4.000	Ea
2720	_ Mh, Three Way (Detroit Public Lighting Department)	8197050	1.000	Ea
2730	_ Splice Kit, 28kV, PILC-URD, Detroit Public Lighting Department	8197050	6.000	Ea
2740	_ Wood Pole, Install Salv	8197050	11.000	Ea
2750	_ Wood Pole, Rem and Salv	8197050	11.000	Ea
2760	Case Sign, Rem	8200020	1.000	Ea
2770	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea

2780	Controller and Cabinet, Rem	8200030	2.000	Ea
2790	Controller and Cabinet, Digital Type	8200031	3.000	Ea
2800	Controller Fdn, Base Mount	8200045	3.000	Ea
2810	Controller Fdn, Rem	8200046	1.000	Ea
2820	Fdn, Rem	8200065	3.000	Ea
2830	Pedestal Fdn, Rem	8200106	3.000	Ea
2840	Pedestal, Rem	8200110	3.000	Ea
2850	Power Co. (Est. Cost to Contractor)	8200116	3,000.000	Dlr
2860	Serv Disconnect	8200135	3.000	Ea
2870	Span Wire	8200140	10.000	Ea
2880	Span Wire, Rem	8200141	2.000	Ea
2890	Steel Pole, Rem	8200145	2.000	Ea
2900	Strain Pole, Steel, Anchor Base, 30 foot	8200155	12.000	Ea
2910	Strain Pole, Steel, Anchor Fdn	8200165	12.000	Ea
2920	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	5.000	Ea
2930	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
2940	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
2950	Cabinet, Rem	8200184	1.000	Ea
2960	TS, One Way Span Wire Mtd (LED)	8200313	23.000	Ea
2970	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
2980	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	6.000	Ea
2990	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	6.000	Ea
3000	TS Face, Bag	8200458	25.000	Ea
3010	TS Face, Bag, Rem	8200459	25.000	Ea
3020	Casing	8200480	111.000	Ft
3030	_ Louvered Backplate	8207050	23.000	Ea
3040	_ Wireless Data Acquisition and Alerts System	8207050	3.000	Ea
3050	Monument Box	8210001	1.000	Ea
3060	Monument Preservation	8210010	1.000	Ea
3070	Protect Corners	8210020	15.000	Ea
3080	Gate Valve and Box, 6 inch	8230051	1.000	Ea
3090	Gate Well, Rem	8230076	1.000	Ea
3100	Hydrant, Relocate, Case 1	8230095	5.000	Ea
3110	Hydrant, Relocate, Case 2	8230096	2.000	Ea
3120	Water Main, DI, 6 inch, Tr Det G	8230151	8.000	Ft
3130	Water Main, DI, 12 inch, Tr Det G	8230166	197.000	Ft
3140	Water Main, DI, 24 inch, Tr Det G	8230181	243.000	Ft
3150	Water Serv	8230240	4.000	Ea
3160	Water Serv, Long	8230245	4.000	Ea
3170	Water Serv, Conflict	8230250	4.000	Ea
3180	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
3190	Polyethylene Encasement	8230440	448.000	Ft
3200	_ Water Main, Rem	8237001	388.000	Ft

3210	_ Water Main Conflict, 12 inch	8237050	4.000	Ea
3220	_ Water Main Conflict, 16 inch	8237050	4.000	Ea
3230	_ Water Main Conflict, 24 inch	8237050	4.000	Ea
3240	_ Water Main Conflict, 6 inch	8237050	4.000	Ea
3250	Contractor Staking	8240001	1.000	LSUM
3260	Staking Plan Errors and Extras, One Person	8240020	155.000	Hr
3270	Staking Plan Errors and Extras, Two Person	8240021	62.000	Hr
3280	Staking Plan Errors and Extras, Three Person	8240022	93.000	Hr
3290	Fiber Optic, Cable, Single Mode Fiber, 96F	8260053	1,650.000	Ft
3300	Fiber Optic, Marker, Above Ground	8260069	8.000	Ea
3310	Tracer Wire	8260070	2,330.000	Ft

**Section: 2**

3320	Structures, Rem (S03 of 82025)	2040060	1.000	LSUM
3330	Structures, Rem Portions (S11 of 82024)	2040061	1.000	LSUM
3340	_ Dewatering System (S11 of 82024)	2057051	1.000	LSUM
3350	Aggregate, 6A	2060001	10.000	Cyd
3360	Backfill, Structure, CIP	2060002	17,990.000	Cyd
3370	Excavation, Fdn	2060010	30,715.000	Cyd
3380	Underdrain, Fdn, 6 inch	4040033	1,459.000	Ft
3390	Steel Sheet Piling, Permanent	7040001	2,580.000	Sft
3400	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	1,350.000	Sft
3410	_ Steel Sheet Piling, Temp, Special	7047010	8,080.000	Sft
3420	Pile Driving Equipment, Furn (S03 of 82025)	7050002	1.000	LSUM
3430	Pile Driving Equipment, Furn (S11 of 82024)	7050002	1.000	LSUM
3440	Pile, Steel, Furn and Driven, 14 inch	7050034	36,135.000	Ft
3450	Pile Point, Steel	7050039	253.000	Ea
3460	Pile, Steel, Splice	7050050	597.000	Ea
3470	_ Test Pile, Dynamic Analysis	7057050	12.000	Ea
3480	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	6.000	Ea
3490	Bridge Ltg, Furn and Rem (S03 of 82025)	7060001	1.000	LSUM
3500	Bridge Ltg, Furn and Rem (S11 of 82024)	7060001	1.000	LSUM
3510	Bridge Ltg, Oper and Maintain	7060002	973.000	Cyd
3520	Conc, Grade S2, Subfooting	7060012	114.000	Cyd
3530	Conduit, 3 inch	7060030	740.000	Ft
3540	Elec Grounding System	7060040	2.000	Ea
3550	Expansion Joint Device	7060050	184.000	Ft
3560	Expansion Joint Device, Cover Plate	7060051	72.000	Ft
3570	False Decking	7060060	45,325.000	Sft
3580	Pipe Sleeve, 8 inch	7060070	4.000	Ea
3590	Reinforcement, Steel, Epoxy Coated	7060092	766,051.000	Lb
3600	Substructure Conc, High Performance	7060101	2,649.000	Cyd
3610	Superstructure Conc, Form, Finish, and Cure (S03 of 82025)	7060111	1.000	LSUM
3620	Superstructure Conc, Form, Finish, and Cure (S11 of 82024)	7060111	1.000	LSUM

Superstructure Conc, Form, Finish, and Cure (S11 of 82024)

3630	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03 of 82025)	7060112	1.000	LSUM
3640	Superstructure Conc, Form, Finish, and Cure, Night Casting (S11 of 82024)	7060112	1.000	LSUM
3650	Superstructure Conc, High Performance	7060116	349.000	Cyd
3660	Superstructure Conc, Night Casting, High Performance	7060117	988.000	Cyd
3670	Wall Drain	7060130	193.000	Sft
3680	_ Texturing Conc	7067011	1,049.000	Syd
3690	Bearing, Elastomeric, 1 inch	7070012	3,256.000	Sin
3700	Bearing, Elastomeric, 2 inch	7070016	5,184.000	Sin
3710	Bearing, Elastomeric, 2 1/2 inch	7070018	5,184.000	Sin
3720	Bearing, Elastomeric, 3 3/4 inch	7070023	9,768.000	Sin
3730	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	15,590.000	Lb
3740	Steel Diaphragm, Prest Conc Beam, Erect	7070054	15,590.000	Lb
3750	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	1,739.000	Ft
3760	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	1,739.000	Ft
3770	Prest Conc Bulb-Tee Beam, Furn, 48 inch by 49 inch	7080120	1,656.000	Ft
3780	Prest Conc Bulb-Tee Beam, Erect, 48 inch by 49 inch	7080121	1,656.000	Ft
3790	Joint Waterproofing	7100001	929.000	Sft
3800	Joint Waterproofing, Expansion	7100003	90.000	Sft
3810	Conc Surface Coating, Warranty (S03 of 82025)	7100009	1.000	LSUM
3820	Conc Surface Coating, Warranty (S11 of 82024)	7100009	1.000	LSUM
3830	_ Bridge Barrier Railing, Aesthetic, High Performance	7117001	999.000	Ft
3840	_ Ornamental Railing, Type 1	7117001	806.000	Ft
3850	_ Ornamental Railing, Type 2	7117001	211.000	Ft
3860	_ Vibration Monitoring (S03 of 82025)	8007051	1.000	LSUM
3870	_ Vibration Monitoring (S11 of 82024)	8007051	1.000	LSUM
3880	Slope Paving Header	8130015	534.000	Ft
3890	Slope Paving, Conc	8130020	1,028.000	Syd
3900	Conduit, Fiberglass, 4 inch, Structure	8190101	6,329.000	Ft
3910	_ Hh Cover on Bridge	8197050	8.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 019

**Letting Date:** November 2, 2018

**Contract ID:** 58053-116351

**Description:** 2.23 mi of hot mix asphalt cold milling and resurfacing, widening for a center left turn lane, culvert replacement and pavement markings on US-24 from Buhl Road to Labo Road, Monroe County. This project includes a 5 year and a 3 year materials and workmanship pavement warranty. This project will be managed using the AASHTOWare Project Construction & Materials application. Please see the Special Provision for Construction Management.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
116351A	1801144	N/A	HSIP 58053
132581A	1801150	N/A	NH 58053

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$352,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.100	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0060	Dr Structure, Rem	2030011	4.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	732.000	Ft
0080	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0090	Curb and Gutter, Rem	2040020	610.000	Ft
0100	Fence, Rem	2040025	84.000	Ft
0110	Guardrail, Rem	2040035	466.000	Ft
0120	Pavt, Rem	2040050	1,650.000	Syd
0130	Embankment, CIP	2050010	1,435.000	Cyd
0140	Excavation, Earth	2050016	11,125.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0160	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0170	_ Out of Service Pipeline, Rem, 2 inch to 10 inch	2057001	1,210.000	Ft
0180	_ Subgrade Undercutting, Modified	2057021	500.000	Cyd
0190	Erosion Control, Check Dam, Stone	2080012	340.000	Ft
0200	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0210	Erosion Control, Gravel Filter Berm	2080018	150.000	Ft
0220	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0230	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0240	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd



0250	Erosion Control, Sediment Basin	2080032	30.000	Cyd
0260	Erosion Control, Sediment Trap	2080034	15.000	Ea
0270	Erosion Control, Silt Fence	2080036	1,430.000	Ft
0280	Project Cleanup	2090001	1.000	LSUM
0290	Subbase, CIP	3010002	3,966.000	Cyd
0300	Aggregate Base, 6 inch	3020016	6,460.000	Syd
0310	Aggregate Base, 12 inch	3020030	5,330.000	Syd
0320	Maintenance Gravel, LM	3060021	80.000	Cyd
0330	Approach, CI II	3070021	10.000	Ton
0340	Shoulder, CI II	3070121	470.000	Ton
0350	_ Shoulder, CI II, 7 1/2 inch	3077011	1,694.000	Syd
0360	_ Shoulder, CI II, 12 inch	3077011	1,001.000	Syd
0370	Culv End Sect, 12 inch	4010012	10.000	Ea
0380	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0390	Culv, CI F, 12 inch	4010607	144.000	Ft
0400	Culv, CI F, Conc, 12 inch	4010641	443.000	Ft
0410	Culv, Reinf Conc Ellip, HE CI IV, 48 inch by 76 inch	4010908	89.000	Ft
0420	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0430	Dr Marker Post	4011109	24.000	Ea
0440	Sewer, CI E, 12 inch, Tr Det B	4020600	621.000	Ft
0450	Sewer, CI E, 18 inch, Tr Det B	4020602	336.000	Ft
0460	Trench Undercut and Backfill	4021260	250.000	Cyd
0470	Video Taping Sewer and Culv Pipe	4021275	1,046.000	Ft
0480	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0490	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0500	Dr Structure Cover, Type B	4030010	1.000	Ea
0510	Dr Structure Cover, Type J	4030045	8.000	Ea
0520	Dr Structure, 24 inch dia	4030200	1.000	Ea
0530	Dr Structure, 48 inch dia	4030210	7.000	Ea
0540	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0550	Underdrain, Fdn, 6 inch	4040033	219.000	Ft
0560	Underdrain, Subbase, 6 inch	4040063	2,486.000	Ft
0570	Underdrain Outlet, 6 inch	4040093	188.000	Ft
0580	Underdrain, Outlet Ending, 6 inch	4040113	13.000	Ea
0590	_ Underdrain, Outlet Ending, 5 inch	4047050	1.000	Ea
0600	_ Culvert Bedding	4067021	19.000	Cyd
0610	Pavt, Cleaning	5010001	1.000	LSUM
0620	Cold Milling HMA Surface	5010002	120,067.000	Syd
0630	HMA Surface, Rem	5010005	4,565.000	Syd
0640	HMA Quality Initiative	5010007	32,726.000	Dlr
0650	Edge Trimming	5010009	10,130.000	Ft
0660	Longitudinal Joint Density Quality Initiative	5010018	104,634.000	Dlr
0670	Pavt Joint and Crack Repr, Det 7	5010020	14,590.000	Ft
0680	Pavt Joint and Crack Repr, Det 8	5010021	3,850.000	Ft
0690	Hand Patching	5010025	1,170.000	Ton

0700	HMA, 3E3	5010045	2,876.000	Ton
0710	HMA, 5E3	5010057	8,387.000	Ton
0720	HMA Approach	5010061	2,743.000	Ton
0730	HMA, 5E3, High Stress	5010515	993.000	Ton
0740	HMA Approach, High Stress	5010520	194.000	Ton
0750	HMA, Temp Pavt (LVSP)	5020807	330.000	Ton
0760	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	129.000	Syd
0770	Conc Quality Initiative	6020401	506.000	Dlr
0780	Steel Sheet Piling, Temp	7040002	230.000	Sft
0790	_ Bypass Pumping	7047050	1.000	Ea
0800	_ Construction Dam	7047050	1.000	Ea
0810	Conc, Grade S2	7060011	16.000	Cyd
0820	Reinforcement, Steel, Culv and Headwall	7060091	1,130.000	Lb
0830	Driveway, Nonreinf Conc, 8 inch	8010007	360.000	Syd
0840	Curb and Gutter, Conc, Det B2	8020016	772.000	Ft
0850	Driveway Opening, Conc, Det M	8020050	550.000	Ft
0860	Guardrail, Type MGS-8	8070004	425.000	Ft
0870	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0880	Guardrail Reflector	8070080	30.000	Ea
0890	Post, Mailbox	8070095	8.000	Ea
0900	_ Guardrail Long Span, Det MGS-1	8077050	2.000	Ea
0910	Fence, Chain Link, 84 inch, with 3 Strand of Barbed Wire	8080082	84.000	Ft
0920	Delineator Reflector, Red	8100131	48.000	Ea
0930	Delineator Reflector, Yellow	8100132	46.000	Ea
0940	Delineator Reflector, Green	8100133	31.000	Ea
0950	Delineator Reflector, White	8100134	115.000	Ea
0960	Delineator, Rem	8100349	160.000	Ea
0970	Post, Rigid, Delineator	8100361	191.000	Ea
0980	Post, Steel, 3 lb	8100371	82.000	Ft
0990	Post, Wood, 4 inch by 6 inch	8100380	44.000	Ft
1000	Sign, Type IIB	8100399	34.000	Sft
1010	Sign, Type III, Rem	8100403	5.000	Ea
1020	Sign, Type IIIA	8100404	24.000	Sft
1030	Sign, Type IIIB	8100405	10.000	Sft
1040	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
1050	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
1060	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
1070	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1080	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	164.000	Ft
1090	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	6,419.000	Ft
1100	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	34,488.000	Ft
1110	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	36,650.000	Ft
1120	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	6,355.000	Ft

1130	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
1140	Recessing Pavt Mrkg, Longit	8110450	77,557.000	Ft
1150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	33.000	Ea
1160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	33.000	Ea
1170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
1180	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
1190	Conc Barrier, Temp, Adj	8120080	580.000	Ft
1200	Conc Barrier, Temp, Furn	8120081	580.000	Ft
1210	Conc Barrier, Temp, Oper	8120082	580.000	Ft
1220	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1230	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1240	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
1250	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
1260	Minor Traf Devices	8120170	1.000	LSUM
1270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	31,060.000	Ft
1280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	29,900.000	Ft
1290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	44,600.000	Ft
1300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	36,100.000	Ft
1310	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
1320	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
1330	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	150.000	Ft
1340	Sign Cover	8120310	40.000	Ea
1350	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
1360	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
1370	Sign, Type A, Temp, Prismatic, Furn	8120340	180.000	Sft
1380	Sign, Type A, Temp, Prismatic, Oper	8120341	180.000	Sft
1390	Sign, Type B, Temp, Prismatic, Furn	8120350	2,800.000	Sft
1400	Sign, Type B, Temp, Prismatic, Oper	8120351	2,800.000	Sft
1410	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,780.000	Sft
1420	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,780.000	Sft
1430	Traf Regulator Control	8120370	1.000	LSUM
1440	Riprap, Plain	8130010	223.000	Syd
1450	Site Preparation, Max \$945.00	8150001	1.000	LSUM
1460	Watering and Cultivating, First Season, Min \$460.00	8150002	1.000	LSUM
1470	Watering and Cultivating, Second Season, Min \$570.00	8150003	1.000	LSUM
1480	Ulmus x Homestead, 1 1/2 inch	8153958	12.000	Ea
1490	Slope Restoration, Type B	8160101	13,860.000	Syd
1500	Slope Restoration, Type C	8160102	1,500.000	Syd
1510	Slope Restoration, Type D	8160103	1,190.000	Syd
1520	Cable Pole, TS, Disman	8190010	1.000	Ea

1530	Conduit, DB, 1, 1 1/2 inch	8190027	25.000	Ft
1540	Conduit, Rem	8190140	15.000	Ft
1550	Hh, Rem	8190254	1.000	Ea
1560	Hh, Round	8190260	1.000	Ea
1570	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1580	Controller and Cabinet, Rem	8200030	1.000	Ea
1590	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
1600	Serv Disconnect	8200135	1.000	Ea
1610	Serv Disconnect, Rem	8200136	1.000	Ea
1620	Warning Sign	8200260	1.000	Ea
1630	Warning Sign, Rem	8200261	1.000	Ea
1640	Wireless Vehicle Sensor Node, Rem	8200426	4.000	Ea
1650	Wireless Vehicle Sensor Node, Salv	8200427	4.000	Ea
1660	TS Head, Temp	8200453	4.000	Ea
1670	TS Face, Bag	8200458	21.000	Ea
1680	TS Face, Bag, Rem	8200459	19.000	Ea
1690	Monument Box	8210001	5.000	Ea
1700	Monument Box Adjust	8210005	5.000	Ea
1710	Monument Preservation	8210010	10.000	Ea
1720	Monument Preservation, Vertical	8210015	6.000	Ea
1730	Protect Corners	8210020	15.000	Ea
1740	Shoulder Corrugations, Ground or Cut, HMA	8220001	3,200.000	Ft
1750	Centerline Corrugations, Milled, HMA	8220013	7,613.000	Ft
1760	Gate Box, Adj, Case 2	8230432	4.000	Ea
1770	Contractor Staking, Road Only	8240007	1.000	LSUM
1780	Staking Plan Errors and Extras, One Person	8240020	28.000	Hr
1790	Staking Plan Errors and Extras, Two Person	8240021	11.000	Hr
1800	Staking Plan Errors and Extras, Three Person	8240022	17.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 020

**Letting Date:** November 2, 2018

**Contract ID:** 81000-203418

**Description:** 2.33 mi of hot mix asphalt cold milling and resurfacing, gravel shoulder and pavement markings on Baker Road from I-94 to Shield Road and on Willis Road from Platt Road to US-23, Washtenaw County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203418A	1801045	N/A	STU 81000
203622A	1801071	N/A	STU 81000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$50,400.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	_ Shoulder, CI II, Modified	3077031	244.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Cold Milling HMA Surface	5010002	12,746.000	Syd
0060	Pavt for Butt Joints, Rem	5010008	1,626.000	Syd
0070	Hand Patching	5010025	60.000	Ton
0080	HMA, 5E1	5010056	4,948.000	Ton
0090	HMA Approach	5010061	77.000	Ton
0100	_ Void Reducing Asphalt Membrane	5017001	18,756.000	Ft
0110	_ Hand Patching, Modified	5017031	10.000	Ton
0120	Post, Mailbox	8070095	1.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	45.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	66.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	6.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	6.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	7.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,204.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,088.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,572.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	19,195.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	18,088.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,572.000	Ft

0260	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0270	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0280	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	256.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,024.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	256.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,400.000	Ft
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	660.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	660.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	35.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	35.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Traf Loop, Presence	8200171	4.000	Ea
0410	Traf Loop, Calling	8200172	2.000	Ea
0420	Monument Box Adjust	8210005	2.000	Ea



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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 021**Letting Date:** November 2, 2018**Contract ID:** 62112-126379**Description:** Install Runway 18/36 Lighting at the White Cloud Airport, city of White Cloud, Newaygo County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
126379A	B-26-0137-2717	N/A	FM 62112

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Airport Light Beacon, L801A, as specified	1010510	1.000	Ea
0040	Airport Beacon Tower, Type and Height as Specified	1030530	1.000	Ea
0050	Airport Windcone, 12', Lighted, Type as Specified	1070540	1.000	Ea
0060	Misc. Remove Existing Airport Windcone	1077050	1.000	Ea
0070	Bare Counterpoise Wire, #6, Solid, Installed	1080531	7,396.000	Lft
0080	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	8,056.000	Lft
0090	Misc. 1/C, #6 AWG, THWN, 600V, Installed	1087001	1,550.000	Lft
0100	Electrical Vault Modifications, As Specified	1090515	1.000	LSUM
0110	Plastic Conduit, 1 1/4", Direct Burial	1100612	6,864.000	Lft
0120	Underground Electrical Duct, 1 Bank 3", Direct Burial	1100625	25.000	Lft
0130	Underground Electrical Duct, 3 Bank 3", Direct Burial	1100627	394.000	Lft
0140	Electrical Handhole, With Cover, as Specified	1150550	3.000	Ea
0150	Misc. Junction Can, L-867, Class I, Size D, with Cover	1157050	4.000	Ea
0160	Medium Intensity Edge Light, L861 (L), LED, (MIRL/MITL),6.6A, Base Mount, 360 Clear Color, Height as specified	1250600	24.000	Ea
0170	Medium Intensity Edge Light, L861 (L), LED, (MIRL/MITL),6.6A, Base Mount, 180 Red/180 Green Colors, Height as specified	1250601	6.000	Ea
0180	Remove Existing Medium Intensity Stake Mounted Light	1250642	40.000	Ea
0190	Remove Existing Medium Intensity Base Mounted Light	1250643	6.000	Ea
0200	Taxiway Guidance Sign, L858 (L), LED, 2 Module, Pad Mounted, Type, Size, and Style as Specified	1250706	1.000	Ea
0210	Remove Guidance Sign	1250799	1.000	Ea
0220	Misc. Install Power/Disconnect Rack	1257050	1.000	Ea
0230	Misc. Med Inty Edg Lt, L861 (L),LED,(MIRL/MITL), 6.6A, Bs Mnt, 180 Gre/180 Ob, Ht as Spec	1257050	4.000	Ea

0240	Misc. Med Inty Edg Lt, L861 (L),LED,(MIRL/MITL), 6.6A, Bs Mnt, 360 Red Col, Ht as Spec	1257050	6.000	Ea
0250	Misc. Med Inty Edg Lt, L861 (L),LED,MIRL/MITL, 6.6A, Bs Mnt,180 Gre/180 Clr Col,Ht as Spec	1257050	2.000	Ea
0260	Misc. Med Inty Edge Lt, L861 (L),LED,MIRL/MITL, 6.6A, Bs Mnt,180 Red/180 Clr Col,Ht as Spec	1257050	4.000	Ea
0270	Misc. Spare Airfield Lighting Components	1257051	1.000	LSUM
0280	Misc. Underground Electrical Duct, 1 Bank 1.25", Directional Bore	8007001	50.000	Lft
0290	Misc. Underground Electrical Duct, 2 Bank 3", Directional Bore	8007001	46.000	Lft
0300	Misc. Underground Electrical Duct, 3 Bank 3", Directional Bore	8007001	50.000	Lft
0310	Misc. Beacon Light Shield	8007051	1.000	LSUM
0320	Misc. Utility Permits	8007060	5,000.000	Dir





**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 022

**Letting Date:** November 2, 2018

**Contract ID:** 33000-130093

**Description:** 0.15 mi of intersection improvements including hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, watermain, sanitary and storm sewer, traffic signal and reconfiguration on Grand River Avenue at Washington Avenue in the city of Lansing, Ingham County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130093A	1801096	N/A	CM 33000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$112,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	7.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	1,635.000	Ft
0040	Curb and Gutter, Rem	2040020	1,765.000	Ft
0050	Sidewalk, Rem	2040055	875.000	Syd
0060	_ Track, Rem, Special	2047001	1,600.000	Ft
0070	_ Pavt, Rem, Modified	2047011	7,247.000	Syd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,185.000	Cyd
0090	_ Machine Grading, Modified	2057002	13.000	Sta
0100	_ Subgrade Undercutting, Special	2057011	1,000.000	Syd
0110	Erosion Control, Silt Fence	2080036	1,300.000	Ft
0120	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	14.000	Ea
0130	_ Street Sweeping	2087050	5.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	Aggregate Base, 8 inch	3020020	6,440.000	Syd
0160	Sewer, CI A, 12 inch, Tr Det B	4020033	370.000	Ft
0170	Sewer, CI A, 18 inch, Tr Det B	4020035	120.000	Ft
0180	Trench Undercut and Backfill	4021260	100.000	Cyd
0190	Video Taping Sewer and Culv Pipe	4021275	1,640.000	Ft
0200	_ Sanitary Sewer, CI A, 8 inch, Tr Det B	4027001	1,150.000	Ft
0210	_ Sanitary Sewer, Lateral Service, CI A, 6 inch	4027001	716.000	Ft
0220	_ Sanitary Sewer Tap, 8 inch	4027050	6.000	Ea
0230	_ Sanitary Sewer, Wye Branch Connector, 6 inch x 12 inch	4027050	8.000	Ea
0240	_ Sanitary Sewer, Wye Branch Connector, 6 inch x 8 inch	4027050	10.000	Ea

0250	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0260	Dr Structure, 24 inch dia	4030200	4.000	Ea
0270	Dr Structure, 48 inch dia	4030210	7.000	Ea
0280	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0290	Dr Structure, Tap, 18 inch	4030318	5.000	Ea
0300	_ Dr Structure Cover, Type K, Special	4037050	11.000	Ea
0310	_ Dr Structure Cover, Type Q, Special	4037050	4.000	Ea
0320	_ Sanitary Sewer Manhole	4037050	4.000	Ea
0330	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	1,990.000	Ft
0340	Cold Milling HMA Surface	5010002	1,050.000	Syd
0350	HMA, 13A	5010033	2,635.000	Ton
0360	_ Conduit, 1.5 inch, Install Only	7067001	170.000	Ft
0370	Driveway, Nonreinf Conc, 6 inch	8010005	218.000	Syd
0380	Curb, Conc, Det E1	8020001	100.000	Ft
0390	Curb and Gutter, Conc, Det F4	8020038	1,990.000	Ft
0400	Curb Ramp Opening, Conc	8030030	125.000	Ft
0410	_ Sidewalk, ADA Truncated Dome Device	8037001	125.000	Ft
0420	_ Sidewalk Ramp, Conc, 6 inch, Special	8037010	1,740.000	Sft
0430	_ Sidewalk, Conc, 6 inch, Special	8037010	9,315.000	Sft
0440	Fence, Temp	8080004	750.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	40.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	4.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	4.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,880.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,100.000	Ft
0500	Pavt Mrkg, Waterborne, 12 inch, White	8110237	625.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,880.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,100.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	625.000	Ft
0540	Barricade, Type III, High Intensity, Lighted, Furn	8120022	11.000	Ea
0550	Barricade, Type III, High Intensity, Lighted, Oper	8120023	11.000	Ea
0560	Dust Palliative, Applied	8120100	10.000	Ton
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	587.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	587.000	Sft
0620	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	310.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	310.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0650	_ Parkway Restoration	8167011	1,510.000	Syd
0660	_ Mulch, Landscape	8167021	5.000	Cyd
0670	Hh, Rem	8190254	1.000	Ea

0680	Case Sign, Rem	8200020	1.000	Ea
0690	Controller and Cabinet, Rem	8200030	1.000	Ea
0700	Fdn, Rem	8200065	3.000	Ea
0710	Pedestal Fdn, Rem	8200106	1.000	Ea
0720	Pedestal, Rem	8200110	1.000	Ea
0730	Serv Disconnect, Rem	8200136	1.000	Ea
0740	Span Wire, Rem	8200141	2.000	Ea
0750	Steel Pole, Rem	8200145	3.000	Ea
0760	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0770	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0780	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0790	Emergency Pre-emption, Rem	8200415	2.000	Ea
0800	_ Parking Meter Post	8207050	19.000	Ea
0810	_ Water Main, 12 inch, Abandon and Fill	8237001	370.000	Ft
0820	_ Water Main, 2 inch, Abandon and Fill	8237001	40.000	Ft
0830	_ Water Main, 4 inch, Abandon and Fill	8237001	128.000	Ft
0840	_ Water Main, 6 inch, Abandon and Fill	8237001	1,105.000	Ft
0850	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	370.000	Ft
0860	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	37.000	Ft
0870	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	620.000	Ft
0880	_ Water Service, Service Lateral, 1 1/2 inch	8237001	85.000	Ft
0890	_ Water Service, Service Lateral, 1 inch	8237001	125.000	Ft
0900	_ Water Service, Service Lateral, 3/4 inch	8237001	1,105.000	Ft
0910	_ Water Service, Service Lateral, 4 inch	8237001	40.000	Ft
0920	_ Fire Hydrant Assembly	8237050	1.000	Ea
0930	_ Hydrant, Rem	8237050	1.000	Ea
0940	_ Tapping Sleeve and Valve, 12 inch x 12 inch	8237050	1.000	Ea
0950	_ Tapping Sleeve and Valve, 6 inch x 6 inch	8237050	4.000	Ea
0960	_ Valve Box	8237050	4.000	Ea
0970	_ Valve, 12 inch	8237050	1.000	Ea
0980	_ Valve, 8 inch	8237050	3.000	Ea
0990	_ Water Main, 6 inch, Cap Off	8237050	4.000	Ea
1000	_ Water Main, Connect to Existing	8237050	6.000	Ea
1010	_ Water Service, Curb Stop and Box	8237050	23.000	Ea
1020	_ Water Service, Curb Stop, Adjust	8237050	5.000	Ea
1030	_ Water Service, Main Connection, 1 1/2 inch	8237050	2.000	Ea
1040	_ Water Service, Main Connection, 1 inch	8237050	3.000	Ea
1050	_ Water Service, Main Connection, 3/4 inch	8237050	17.000	Ea
1060	_ Water Service, Main Connection, 4 inch	8237050	1.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 023

**Letting Date:** November 2, 2018

**Contract ID:** 70000-200821

**Description:** 1.17 mi of shared-use path including hot mix asphalt pavement, concrete sidewalks, drainage, earthwork, signing and pavement markings on Cottonwood Drive from Carriage Lane to 10th Avenue, Ottawa County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200821A	1801066	N/A	TA 70000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$37,700.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	7.000	Ea
0030	Curb and Gutter, Rem	2040020	28.000	Ft
0040	Sidewalk, Rem	2040055	16.000	Syd
0050	_ Sidewalk Ramp Grading	2057011	206.000	Syd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0070	Erosion Control, Maintenance, Sediment Removal	2080026	1.000	Cyd
0080	Erosion Control, Silt Fence	2080036	900.000	Ft
0090	Aggregate Base, 6 inch	3020016	7,340.000	Syd
0100	Dr Structure Cover, Type G	4030040	7.000	Ea
0110	Dr Structure, 24 inch dia	4030200	7.000	Ea
0120	Underdrain, Subgrade, 6 inch	4040073	536.000	Ft
0130	HMA Surface, Rem	5010005	832.000	Syd
0140	Detectable Warning Surface	8030010	124.000	Ft
0150	Curb Ramp Opening, Conc	8030030	28.000	Ft
0160	Sidewalk Ramp, Conc, 4 inch	8030034	1,806.000	Sft
0170	Sidewalk, Conc, 4 inch	8030044	143.000	Sft
0180	Shared use Path, Grading	8060030	5,475.000	Ft
0190	Shared use Path, HMA	8060040	1,241.000	Ton
0200	Post, Steel, 3 lb	8100371	136.000	Ft
0210	Sign, Type IIIA	8100404	30.000	Sft
0220	Sign, Type IIIB	8100405	8.000	Sft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	448.000	Ft
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Plastic Drum, High Intensity, Furn	8120250	62.000	Ea

0280	Plastic Drum, High Intensity, Oper	8120251	62.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	560.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	560.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Mulch Blanket, High Velocity	8160028	200.000	Syd
0330	_ Slope Restoration	8167011	3,052.000	Syd

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 024

**Letting Date:** November 2, 2018

**Contract ID:** 41000-204186

**Description:** 1.51 mi of hot mix asphalt including concrete curb, gutter, sidewalk and ramps along Hammond Avenue SE from north of 76th Street to 68th Street, Kent County. This is a Local Agency Project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204186A	1801067	N/A	TA 41000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$28,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.150	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	32.000	Ea
0050	Curb and Gutter, Rem	2040020	230.000	Ft
0060	Pavt, Rem	2040050	548.000	Syd
0070	Sidewalk, Rem	2040055	55.000	Syd
0080	Structures, Rem Portions	2040061	1.000	LSUM
0090	Exploratory Investigation, Vertical	2040080	40.000	Ft
0100	Embankment, CIP	2050010	664.000	Cyd
0110	Excavation, Earth	2050016	365.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	165.000	Cyd
0130	Erosion Control, Aggregate Cover	2080010	120.000	Syd
0140	Erosion Control, Silt Fence	2080036	500.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	80.000	Cyd
0170	_ Shared Use Path Aggregate, 4 inch, Modified	3017021	555.000	Cyd
0180	_ Shared Use Path Aggregate, 6 inch, Modified	3017021	610.000	Cyd
0190	HMA Base Crushing and Shaping	3050002	1,600.000	Syd
0200	Trenching	3070200	21.000	Sta
0210	Geotextile, Separator	3080005	200.000	Syd
0220	Culv, CI E, 15 inch	4010540	48.000	Ft
0230	Sewer, CI E, 12 inch, Tr Det B	4020600	38.000	Ft
0240	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0250	Dr Structure Cover, Type D	4030025	1.000	Ea
0260	HMA Approach	5010061	74.000	Ton
0270	Driveway, Nonreinf Conc, 6 inch	8010005	20.000	Syd
0280	Curb and Gutter, Conc, Det F4	8020038	80.000	Ft

0290	Detectable Warning Surface	8030010	64.000	Ft
0300	Curb Ramp Opening, Conc	8030030	118.000	Ft
0310	Sidewalk Ramp, Conc, 6 inch	8030036	2,100.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	2,135.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	600.000	Sft
0340	Shared use Path, Grading	8060030	5,410.000	Ft
0350	Shared use Path, HMA	8060040	1,066.000	Ton
0360	Post, Mailbox	8070095	5.000	Ea
0370	Pavt Mrkg, Waterborne, 6 inch, White	8110233	180.000	Ft
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	224.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	224.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	Riprap, Plain	8130010	14.000	Syd
0450	Slope Restoration, Type A	8160100	700.000	Syd
0460	Slope Restoration, Type C	8160102	2,620.000	Syd
0470	_ Slope Restoration, Type E	8167011	3,555.000	Syd
0480	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0490	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0500	_ Non-Selective Weed Spray Under HMA	8507010	39,000.000	Sft



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 025

**Letting Date:** November 2, 2018

**Contract ID:** 70000-202478

**Description:** 0.27 mi of concrete sidewalk construction and drainage along Riley Street from Cobblestone Lane to 24th Avenue, Ottawa County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202478A	1801153	N/A	TAU 70000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$13,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0030	Curb and Gutter, Rem	2040020	20.000	Ft
0040	Fence, Rem	2040025	123.000	Ft
0050	Pavt, Rem	2040050	108.000	Syd
0060	Sidewalk, Rem	2040055	203.000	Syd
0070	Embankment, CIP	2050010	100.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	10.000	Cyd
0090	_ Sidewalk Grading	2057001	2,807.000	Ft
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0110	Erosion Control, Silt Fence	2080036	420.000	Ft
0120	Subbase, CIP	3010002	195.000	Cyd
0130	Dr Structure Cover, Type G	4030040	1.000	Ea
0140	Dr Structure, 24 inch dia	4030200	1.000	Ea
0150	_ Adjust Sanitary Sewer Cleanout	4037050	1.000	Ea
0160	HMA Surface, Rem	5010005	126.000	Syd
0170	HMA Approach	5010061	10.000	Ton
0180	Detectable Warning Surface	8030010	6.000	Ft
0190	Curb Ramp Opening, Conc	8030030	20.000	Ft
0200	Sidewalk Ramp, Conc, 6 inch	8030036	90.000	Sft
0210	Sidewalk, Conc, 4 inch	8030044	10,965.000	Sft
0220	Sidewalk, Conc, 6 inch	8030046	3,157.000	Sft
0230	Fence, Moving	8080120	45.000	Ft
0240	_ Fence, Chain Link, 48 inch, Vinyl Coated	8087001	168.000	Ft
0250	_ Fence, Rustic Split Rail	8087001	90.000	Ft
0260	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0270	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea



0280	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0320	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Mulch Blanket	8160027	125.000	Syd
0370	Mulch Blanket, High Velocity	8160028	100.000	Syd
0380	Topsoil Surface, Furn, 4 inch	8160062	100.000	Syd
0390	_ Turf Establishment, Performance	8167011	1,305.000	Syd
0400	Hydrant, Relocate, Case 1	8230095	2.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 026**Letting Date:** November 2, 2018**Contract ID:** 01052-201107

**Description:** 2.09 mi of hot mix asphalt cold milling, single course overlay, and centerline and shoulder corrugations on US-23 from south of Black River Road to south of Sayers Road, Alcona County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201107A	N/A	N/A	M 01052

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$69,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	220.000	Ton
0030	Cold Milling HMA Surface	5010002	82,590.000	Syd
0040	HMA Quality Initiative	5010007	15,708.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	55,070.000	Dlr
0060	HMA Approach	5010061	174.000	Ton
0070	HMA, LVSP	5010703	7,680.000	Ton
0080	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	60.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,515.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,030.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	22,030.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,515.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,030.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	22,030.000	Ft
0160	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	320.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	320.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg Cover, Type R, Black	8120200	800.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,800.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,800.000	Ft
0250	Sign Cover	8120310	8.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	524.000	Sft

0270	Sign, Type B, Temp, Prismatic, Oper	8120351	524.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0290	Monument Box Adjust	8210005	4.000	Ea
0300	Centerline Corrugations, Milled, HMA	8220013	11,030.000	Ft
0310	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	22,060.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 027

**Letting Date:** November 2, 2018

**Contract ID:** 35032-201109

**Description:** 0.66 mi of hot mix asphalt cold milling and single course overlay, concrete curb, gutter, sidewalk ramp, and pavement markings on US-23 from Evans Road to north of Tawas Beach Road in the city of East Tawas, Iosco County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201109A	1801196	N/A	NH 35032

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$21,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	30.000	Ft
0030	Pavt, Rem	2040050	10.000	Syd
0040	Sidewalk, Rem	2040055	8.000	Syd
0050	Excavation, Earth	2050016	3.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0070	Shoulder, CI II	3070121	50.000	Ton
0080	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0090	Cold Milling HMA Surface	5010002	20,090.000	Syd
0100	HMA Quality Initiative	5010007	3,848.000	Dlr
0110	Longitudinal Joint Density Quality Initiative	5010018	10,420.000	Dlr
0120	Hand Patching	5010025	5.000	Ton
0130	HMA, 5E1	5010056	1,845.000	Ton
0140	HMA Approach	5010061	74.000	Ton
0150	Lane Tie, Epoxy Anchored	6030030	4.000	Ea
0160	Curb and Gutter, Conc, Det C6	8020025	20.000	Ft
0170	Detectable Warning Surface	8030010	20.000	Ft
0180	Curb Ramp Opening, Conc	8030030	10.000	Ft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	72.000	Sft
0200	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	280.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	120.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,680.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,680.000	Ft
0260	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,250.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,680.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,680.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,250.000	Ft
0300	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0310	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	140.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	140.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Pavt Mrkg Cover, Type R, Black	8120200	800.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	400.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	550.000	Ft
0390	Sign Cover	8120310	8.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	608.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	608.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	_ Railroad Protection, at Grade Crossing	8507060	2,000.000	Dlr



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### Schedule of Pay Items

Report v1

**Letting Call:** 181102 028

**Letting Date:** November 2, 2018

**Contract ID:** 47000-127522

**Description:** Delineation installation on various routes in the city of Ann Arbor, Washtenaw, Livingston and Oakland Counties.

#### Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127522A	1801109	N/A	HSIP 47000

#### List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$5,000.00	1500001	1.000	LSUM
0020	Delineator Reflector, Red	8100131	10.000	Ea
0030	Delineator Reflector, Yellow	8100132	55.000	Ea
0040	Delineator Reflector, White	8100134	125.000	Ea
0050	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	13.000	Ea
0060	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	2.000	Ea
0070	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	24.000	Ea
0080	Post, Flexible, Delineator	8100360	26.000	Ea
0090	Post, Rigid, Delineator	8100361	180.000	Ea
0100	_ Enhanced Delineation, Bidirectional, Conc Barrier, Top Mount	8117001	5,700.000	Ft
0110	_ Enhanced Delineation, Unidirectional, Conc Barrier, Top Mount	8117001	2,885.000	Ft
0120	_ Enhanced Delineation, Unidirectional, Guardrail, Post Mount	8117001	2,415.000	Ft
0130	_ Traffic Control	8127051	1.000	LSUM
0140	_ Railroad Inspection and Flagging	8507060	3,000.000	Dir
0150	_ Railroad Protection	8507060	3,000.000	Dir



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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 029**Letting Date:** November 2, 2018**Contract ID:** 82052-202178**Description:** 0.50 mi of sidewalk construction, signing and pavement markings along US-24 from Hayes Street to north of Ecorse Road ramps in the city of Taylor, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202178A	1801219	N/A	TA 82052

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$51,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Curb and Gutter, Rem	2040020	170.000	Ft
0050	Pavt, Rem	2040050	94.000	Syd
0060	Sidewalk, Rem	2040055	365.000	Syd
0070	_ Clearing, Special	2047011	15.000	Syd
0080	Embankment, CIP	2050010	508.000	Cyd
0090	Excavation, Earth	2050016	1,364.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0110	Erosion Control, Silt Fence	2080036	4,130.000	Ft
0120	Subbase, CIP	3010002	212.000	Cyd
0130	Open-Graded Dr Cse, 4 inch	3030004	195.000	Syd
0140	Sewer Tap, 24 inch	4021207	1.000	Ea
0150	Dr Structure Cover, Type D	4030025	1.000	Ea
0160	Dr Structure, 24 inch dia	4030200	1.000	Ea
0170	HMA Surface, Rem	5010005	25.000	Syd
0180	Lane Tie, Epoxy Anchored	6030030	120.000	Ea
0190	Reflective Marker, Permanent Barrier	7110003	10.000	Ea
0200	Curb, Conc, Det G1	8020005	40.000	Ft
0210	Curb and Gutter, Conc, Det B2	8020016	10.000	Ft
0220	Curb and Gutter, Conc, Det D2	8020031	40.000	Ft
0230	Curb and Gutter, Conc, Det F6	8020040	10.000	Ft
0240	_ Valley Gutter, Conc, 9.5 inch, Modified	8027001	253.000	Ft
0250	Detectable Warning Surface	8030010	50.000	Ft
0260	Curb Ramp Opening, Conc	8030030	70.000	Ft
0270	Sidewalk Ramp, Conc, 4 inch	8030034	4,718.000	Sft
0280	Sidewalk Ramp, Conc, 6 inch	8030036	833.000	Sft

0290	Sidewalk, Conc, 4 inch	8030044	13,547.000	Sft
0300	Conc Barrier, Single Face, Type A	8040001	467.000	Ft
0310	Conc Barrier Backfill, CIP	8040030	265.000	Cyd
0320	Fence, Protective	8080007	5,000.000	Ft
0330	_ Fence, Chain Link, 48 inch, Vinyl Coated	8087001	1,140.000	Ft
0340	Post, Steel, 3 lb	8100371	496.000	Ft
0350	Post, Wood, 4 inch by 6 inch	8100380	34.000	Ft
0360	Sign, Type II, Rem	8100397	1.000	Ea
0370	Sign, Type IIB	8100399	28.000	Sft
0380	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0390	Sign, Type III, Rem	8100403	2.000	Ea
0400	Sign, Type IIIB	8100405	216.000	Sft
0410	Reflective Panel for Permanent Sign Support, 6 foot	8100616	32.000	Ea
0420	Pavt Mrkg, Polyurea, 6 inch, White	8110094	592.000	Ft
0430	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	198.000	Ft
0440	_ Pavt Mrkg, Ovly Cold Plastic, Slow	8117050	2.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0470	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0480	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0490	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Mobile Attenuator	8120180	2.000	Ea
0550	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	50.000	Ft
0560	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0570	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0580	Sign Cover	8120310	10.000	Ea
0590	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0600	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0630	Slope Restoration, Type A	8160100	1,707.000	Syd
0640	Slope Restoration, Type B	8160101	2,863.000	Syd
0650	Slope Restoration, Type C	8160102	2,541.000	Syd
0660	Contractor Staking, Road Only	8240007	1.000	LSUM
0670	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0680	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0690	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr
0700	_ Railroad Inspection and Flagging	8507060	67,500.000	Dlr



0710

\_ Railroad Protection

8507060

25,000.000

Dir

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 030

**Letting Date:** November 2, 2018

**Contract ID:** 77031-201102

**Description:** 0.50 mi of hot mix asphalt shared use path including concrete curb, gutter and sidewalk and pavement markings along I-94BL (Gratiot Avenue) from east of the I-94 interchange to just west of Pickford Road, St. Clair County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201102A	1800956	N/A	TAU 77031

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$18,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Curb and Gutter, Rem	2040020	124.000	Ft
0040	Fence, Rem	2040025	75.000	Ft
0050	Granular Material, CI III	2050024	35.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0070	_ Ditch Clearing and Grading	2057011	182.000	Syd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0090	Erosion Control, Silt Fence	2080036	1,395.000	Ft
0100	Aggregate Base	3020001	26.000	Ton
0110	Culv End Sect, 15 inch	4010015	4.000	Ea
0120	Culv End Sect, 18 inch	4010018	2.000	Ea
0130	Culv End Sect, 24 inch	4010024	2.000	Ea
0140	Culv, CI A, 15 inch	4010132	70.000	Ft
0150	Culv, CI A, 18 inch	4010133	101.000	Ft
0160	Culv, CI A, 24 inch	4010134	48.000	Ft
0170	HMA Surface, Rem	5010005	241.000	Syd
0180	HMA Approach	5010061	13.000	Ton
0190	Curb and Gutter, Conc, Det F4	8020038	57.000	Ft
0200	Detectable Warning Surface	8030010	84.000	Ft
0210	Curb Ramp Opening, Conc	8030030	77.000	Ft
0220	Sidewalk Ramp, Conc, 6 inch	8030036	702.000	Sft
0230	Shared use Path, Aggregate	8060010	881.000	Ton
0240	Shared use Path, Grading	8060030	2,336.000	Ft
0250	Shared use Path, HMA	8060040	483.000	Ton
0260	_ Fence, Moving, Modified	8087001	553.000	Ft
0270	Post, Steel, 3 lb	8100371	205.000	Ft

0280	Sign, Type II, Erect, Salv	8100396	4.000	Ea
0290	Sign, Type IIIA	8100404	16.000	Sft
0300	Sign, Type IIIB	8100405	29.000	Sft
0310	Pavt Mrkg, Polyurea, 4 inch, White	8110091	87.000	Ft
0320	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	300.000	Ft
0330	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	23.000	Ft
0340	Rem Spec Mrkg	8110343	68.000	Sft
0350	Pavt Mrkg, Polyurea, Lt & Rt Turn Arrow Sym	8110404	2.000	Ea
0360	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0370	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0380	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	38.000	Ft
0430	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0470	Traf Regulator Control	8120370	1.000	LSUM
0480	Riprap, Plain	8130010	4.000	Syd
0490	_ Slope Restoration, Modified	8167011	2,500.000	Syd

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 031

**Letting Date:** November 2, 2018

**Contract ID:** 33000-129897

**Description:** 0.75 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage, watermain and pavement markings on Jefferson Street from north of Oak Street to Kipp Road in the city of Mason, Ingham County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129897A	1801089	N/A	STU 33000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$55,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	5.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	500.000	Ft
0040	Curb and Gutter, Rem	2040020	700.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0060	Sidewalk, Rem	2040055	620.000	Syd
0070	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0080	_ Machine Grading, Modified	2057002	38.000	Sta
0090	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0110	Erosion Control, Silt Fence	2080036	500.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0130	Aggregate Base, 8 inch	3020020	5,050.000	Syd
0140	Sewer, CI A, 12 inch, Tr Det B	4020033	765.000	Ft
0150	Video Taping Sewer and Culv Pipe	4021275	765.000	Ft
0160	_ Sanitary Sewer, PVC, 8 inch, Tr Det B	4027001	74.000	Ft
0170	_ Sanitary Structure, 48 inch dia	4027050	1.000	Ea
0180	_ Sewer Tap _ inch, Special	4027050	1.000	Ea
0190	Dr Structure Cover, Adj, Case 1	4030005	18.000	Ea
0200	Dr Structure Cover, Type B	4030010	11.000	Ea
0210	Dr Structure Cover, Type K	4030050	8.000	Ea
0220	Dr Structure, 48 inch dia	4030210	8.000	Ea
0230	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0240	Underdrain, Subbase, 4 inch	4040061	500.000	Ft
0250	Cold Milling HMA Surface	5010002	9,220.000	Syd
0260	HMA Surface, Rem	5010005	5,050.000	Syd
0270	Hand Patching	5010025	40.000	Ton

0280	HMA, 13A	5010033	2,840.000	Ton
0290	HMA Approach	5010061	120.000	Ton
0300	Saw Cut, Intermediate	6030090	500.000	Ft
0310	Driveway, Nonreinf Conc, 6 inch	8010005	210.000	Syd
0320	Curb, Conc, Det E4	8020004	120.000	Ft
0330	Curb and Gutter, Conc, Det F4	8020038	670.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	1,350.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	2,200.000	Sft
0360	Sidewalk, Conc, 6 inch	8030046	1,100.000	Sft
0370	_ Detectable Warning Surface, Modified	8037001	65.000	Ft
0380	Guardrail, Type B	8070000	20.000	Ft
0390	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0400	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0410	Guardrail, Salv	8070075	150.000	Ft
0420	Guardrail, Reconst, Type B	8070105	8.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	680.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0470	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	300.000	Ft
0480	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	6,800.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0510	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0520	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Plastic Drum, High Intensity, Furn	8120250	70.000	Ea
0550	Plastic Drum, High Intensity, Oper	8120251	70.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	_ Slope Restoration, Type A, Modified	8167011	1,400.000	Syd
0600	Hydrant, Rem	8230091	1.000	Ea
0610	Water Main, 6 inch, Cut and Plug	8230131	4.000	Ea
0620	Gate Box, Adj, Temp, Case 1	8230391	4.000	Ea
0630	_ Water Main, DI, 10 inch, Tr Det G, Modified	8237001	80.000	Ft
0640	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	120.000	Ft
0650	_ Fire Hydrant, Modified	8237050	1.000	Ea
0660	_ Gate Valve and Box, 10 inch, Modified	8237050	4.000	Ea
0670	_ Gate Valve and Box, 6 inch, Modified	8237050	3.000	Ea
0680	_ Water Main, Connection to Existing	8237050	7.000	Ea

**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 032**Letting Date:** November 2, 2018**Contract ID:** 58015-131207

**Description:** 0.01 mi of sidewalk construction and infill, crosswalk striping and ADA ramps on Division Street at Summerfield Elementary, Junior High and High Schools in the city of Petersburg, Monroe County. This is a Local Agency Project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
131207A	1800936	N/A	TA 58015

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$35,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	148.000	Ft
0030	Sidewalk, Rem	2040055	1,289.000	Syd
0040	Embankment, CIP	2050010	13.000	Cyd
0050	Excavation, Earth	2050016	1,142.000	Cyd
0060	Granular Material, CI II	2050023	548.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	37.000	Ea
0080	Erosion Control, Silt Fence	2080036	282.000	Ft
0090	Aggregate Base, 4 inch	3020010	786.000	Syd
0100	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0110	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0120	HMA Surface, Rem	5010005	219.000	Syd
0130	Curb and Gutter, Conc, Det F4	8020038	70.000	Ft
0140	Curb and Gutter, Conc, Det F5	8020039	58.000	Ft
0150	Detectable Warning Surface	8030010	268.000	Ft
0160	Sidewalk Ramp, Conc, 4 inch	8030034	4,545.000	Sft
0170	Sidewalk, Conc, 4 inch	8030044	40,667.000	Sft
0180	Sidewalk, Conc, 6 inch	8030046	7,054.000	Sft
0190	Shared use Path, Aggregate	8060010	456.000	Ton
0200	Shared use Path, Grading	8060030	1,347.000	Ft
0210	Shared use Path, HMA	8060040	268.000	Ton
0220	Post, Steel, 3 lb	8100371	316.000	Ft
0230	Sign, Type I, Erect, Salv	8100390	12.000	Ea
0240	Sign, Type I, Rem	8100391	17.000	Ea
0250	Sign, Type IIIA	8100404	35.000	Sft
0260	Sign, Type IIIB	8100405	4.000	Sft
0270	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,832.000	Ft

0280	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	296.000	Ft
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Plastic Drum, High Intensity, Furn	8120250	153.000	Ea
0310	Plastic Drum, High Intensity, Oper	8120251	153.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	469.000	Sft
0330	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	469.000	Sft
0340	Mulch	8160025	1.000	Syd
0350	Seeding, Mixture THV	8160040	5.000	Lb
0360	Topsoil Surface, Salv, 3 inch	8160076	98.000	Syd
0370	Fish Beacon, Solar Power, Dual	8200073	1.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 033

**Letting Date:** November 2, 2018

**Contract ID:** 39022-129576

**Description:** Deck patching, epoxy overlay, joint replace and repair, substructure repair, concrete surface coating and approach work on 4 structures over I-94, Kalamazoo County. This project includes a 2 year bridge coating warranty and a 2 year concrete surface coating warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129576A	1801147	N/A	IM 39022

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	21,000.000	Dlr
0060	Mobilization, Max \$217,500.00	1500001	1.000	LSUM
0070	Dr Structure, Rem	2030011	4.000	Ea
0080	Guardrail, Rem	2040035	458.000	Ft
0090	Pavt, Rem	2040050	450.000	Syd
0100	Embankment, LM	2050011	10.000	Cyd
0110	Excavation, Earth	2050016	62.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	90.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0140	Aggregate Base, LM	3020002	14.000	Cyd
0150	Aggregate Base, Conditioning	3020050	292.000	Syd
0160	Shoulder, CI II	3070121	8.000	Ton
0170	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0180	Dr Structure Cover, Type CX	4030020	4.000	Ea
0190	Hand Patching	5010025	4.000	Ton
0200	Joint, Expansion, E2	6020207	96.000	Ft
0210	Joint, Expansion, E3	6020208	98.000	Ft
0220	Joint, Expansion, E4	6020209	48.000	Ft
0230	Joint, Pressure Relief	6020213	72.000	Ft
0240	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	120.000	Syd
0250	Shoulder, Nonreinf Conc, High Performance	6020524	61.000	Syd
0260	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	235.000	Syd
0270	Curb and Gutter, Bridge Approach	8020010	87.000	Ft



0280	Guardrail, Type T	8070002	88.000	Ft
0290	Guardrail, Type MGS-8	8070004	282.000	Ft
0300	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0310	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0320	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0330	Bridge Sign Connection, Steel, Type A1	8100060	1.000	Ea
0340	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
0350	Delineator Reflector, Green	8100133	2.000	Ea
0360	Post, Rigid, Delineator	8100361	2.000	Ea
0370	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0380	Sign, Type I, Rem	8100391	2.000	Ea
0390	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0400	Sign, Type II, Rem	8100397	1.000	Ea
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	80.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,016.000	Ft
0430	Pavt Mrkg, Waterborne, 6 inch, White	8110233	840.000	Ft
0440	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	300.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	80.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,016.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	840.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	300.000	Ft
0490	_ Enhanced Delineation, Bidirectional, Conc Barrier, Side Mount	8117001	330.000	Ft
0500	Barricade, Type III, High Intensity, Lighted, Furn	8120022	35.000	Ea
0510	Barricade, Type III, High Intensity, Lighted, Oper	8120023	35.000	Ea
0520	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0530	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0560	Ltg for Night Work	8120160	1.000	LSUM
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
0590	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
0600	Sign Cover	8120310	40.000	Ea
0610	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0620	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	2,909.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	2,909.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	25.000	Sft
0660	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	25.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0680	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	26.000	Ea
0690	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	26.000	Ea
0700	Slope Restoration, Type C	8160102	500.000	Syd

0710	Contractor Staking	8240001	1.000	LSUM
0720	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0730	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0740	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

**Section: 2**

0750	Excavation, Fdn	2060010	75.000	Cyd
0760	Expansion Joint Device	7060050	229.000	Ft
0770	False Decking	7060060	10,717.000	Sft
0780	Reinforcement, Steel, Epoxy Coated	7060092	3,420.000	Lb
0790	_ Conc, Deck Joint Replacement	7067021	45.000	Cyd
0800	Bushing	7070030	48.000	Ea
0810	_ Metal Mesh Panels, Rem and Re-Erect (S07 of 39022)	7077051	1.000	LSUM
0820	Conc Surface Coating, Warranty (S05 of 39022)	7100009	1.000	LSUM
0830	Conc Surface Coating, Warranty (S07 of 39022)	7100009	1.000	LSUM
0840	Conc Surface Coating, Warranty (S06 of 39022)	7100009	1.000	LSUM
0850	Substructure Horizontal Surface Sealer (S05 of 39022)	7100030	59.000	Syd
0860	Substructure Horizontal Surface Sealer (S06 of 39022)	7100030	47.000	Syd
0870	Substructure Horizontal Surface Sealer (S07 of 39022)	7100030	38.000	Syd
0880	_ Silane Treatment	7107010	5,101.000	Sft
0890	Reflective Marker, Permanent Barrier	7110003	18.000	Ea
0900	Bridge Railing, Thrie Beam Retrofit	7110006	384.000	Ft
0910	Hand Chipping, Shallow	7120003	155.000	Syd
0920	Hand Chipping, Deep	7120004	155.000	Syd
0930	Hand Chipping, Other Than Deck	7120007	847.000	Cft
0940	Patch, Forming	7120017	3,388.000	Sft
0950	Epoxy Ovly	7120020	2,399.000	Syd
0960	Deck Joint, Rem	7120071	234.000	Ft
0970	Reinforcement, Mechanical Splice	7120084	194.000	Ea
0980	Patching Conc, C-L	7120112	51.000	Cyd
0990	Embedded Galvanic Anode	7120120	3,004.000	Ea
1000	_ Structural Crack, Historic, Repr	7127001	30.000	Ft
1010	_ Deck, Scaling	7127010	6,431.000	Sft
1020	_ Hand Chipping, Full Depth	7127020	250.000	Cft
1030	_ Patching Conc, Historic	7127021	2.000	Cyd
1040	_ Conc Testing, Historic (S08 of 39022)	7127051	1.000	LSUM
1050	Beam Plate, Seal Perimeter	7130010	2,475.000	Ft
1060	Cutting Beam Ends, Simple Span	7130020	16.000	Ea
1070	Hanger Assembly, Field Measurement	7130030	12.000	Ea
1080	Hanger Assembly, Rem and Erect	7130031	12.000	Ea
1090	Structural Steel, Furn and Fab, Pin and Hanger	7130070	2,640.000	Lb
1100	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,812.000	Lb

1110	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	500.000	Lb
1120	Support, Column, Temp	7130080	7.000	Ea
1130	Support, Suspension, Temp	7130082	12.000	Ea
1140	_ Pack Rust Repair	7137001	20.000	Ft
1150	_ Support, Temp, Special, Type 1	7137050	27.000	Ea
1160	_ Steel Structure, Cleaning, ExPAS (S05 of 39022)	7157051	1.000	LSUM
1170	_ Steel Structure, Cleaning, ExPAS (S06 of 39022)	7157051	1.000	LSUM
1180	_ Steel Structure, Cleaning, ExPAS (S07 of 39022)	7157051	1.000	LSUM
1190	_ Steel Structure, Cleaning, ExPAS (S08 of 39022)	7157051	1.000	LSUM
1200	_ Steel Structure, Coating, ExPAS (S05 of 39022)	7157051	1.000	LSUM
1210	_ Steel Structure, Coating, ExPAS (S06 of 39022)	7157051	1.000	LSUM
1220	_ Steel Structure, Coating, ExPAS (S07 of 39022)	7157051	1.000	LSUM
1230	_ Steel Structure, Coating, ExPAS (S08 of 39022)	7157051	1.000	LSUM
1240	Field Repair of Damaged Coating (S05 of 39022)	7160001	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 034

**Letting Date:** November 2, 2018

**Contract ID:** 33084-132556

**Description:** 8.60 mi of hot mix asphalt cold milling and resurfacing and double micro-surfacing on I-96 from west of Meridian Road to M-52, Ingham County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132556A	1801133	N/A	IM 33084

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$196,500.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	2,420.000	Ton
0040	Cold Milling HMA Surface	5010002	115,538.000	Syd
0050	HMA Quality Initiative	5010007	19,064.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	31,680.000	Dlr
0070	Pavt Joint and Crack Repr, Det 7	5010020	6,000.000	Ft
0080	Pavt Joint and Crack Repr, Det 8	5010021	4,000.000	Ft
0090	HMA, 5E30	5010059	9,532.000	Ton
0100	Overband Crack Fill, Lane	5020003	18.000	Lnmi
0110	Micro-Surface, Warranty	5040030	193,200.000	Syd
0120	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	22,700.000	Ft
0130	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	90,750.000	Ft
0140	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	90,750.000	Ft
0150	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	4,500.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,340.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	45,340.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	45,340.000	Ft
0190	Pavt Mrkg, Waterborne, 12 inch, White	8110237	2,500.000	Ft
0200	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0210	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,000.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,000.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Ltg for Night Work	8120160	1.000	LSUM
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Mobile Attenuator	8120180	2.000	Ea
0290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	102,002.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,900.000	Ft
0310	Sign Cover	8120310	10.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0340	Sign, Type A, Temp, Prismatic, Furn	8120340	31.000	Sft
0350	Sign, Type A, Temp, Prismatic, Oper	8120341	31.000	Sft
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	2,500.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	2,500.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	280.000	Sft
0390	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	280.000	Sft
0400	Monument Preservation	8210010	2.000	Ea
0410	Shoulder Corrugations, Ground or Cut, HMA	8220001	136,081.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 035

**Letting Date:** November 2, 2018

**Contract ID:** 52011-201147

**Description:** 6.32 mi of chip seal, double, warranty, overband crack fill, lane, gravel shoulders, and permanent pavement markings on M-95 from south of County Road LLK north to US-41 in Humboldt Township, Marquette County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201147A	1801199	N/A	NH 52011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$61,900.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	79.000	Sta
0030	Shoulder, CI II	3070121	2,049.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Hand Patching	5010025	20.000	Ton
0060	Overband Crack Fill, Lane	5020003	13.210	Lnmi
0070	Chip Seal, Double, Warranty	5050020	121,305.000	Syd
0080	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	172.000	Ft
0090	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	72.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	842.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	28,182.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	66,329.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	842.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	28,182.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	66,329.000	Ft
0160	Rem Spec Mrkg	8110343	450.000	Sft
0170	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0180	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0190	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0200	Protective Ovly, Snowmobile Trail Crossing	8110550	50.000	Syd
0210	_ Traffic Control	8127051	1.000	LSUM
0220	Fertilizer, Chemical Nutrient, CI A	8160020	63.000	Lb
0230	Mulch	8160025	1,334.000	Syd
0240	Mulch Anchoring	8160026	1,334.000	Syd
0250	Seeding, Mixture THV	8160040	61.000	Lb



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 036

**Letting Date:** November 2, 2018

**Contract ID:** 78041-200709

**Description:** 116.41 mi of hot mix asphalt crack treatment on various routes, Berrien, Calhoun, Cass, Jackson, Kalamazoo, St. Joseph and Van Buren Counties. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200709A	1801120	N/A	ST 78041

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$110,500.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	272.100	Lnmi
0030	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	550.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	550.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0070	Ltg for Night Work	8120160	1.000	LSUM
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0110	Sign Cover	8120310	10.000	Ea
0120	Sign, Type A, Temp, Prismatic, Furn	8120340	36.000	Sft
0130	Sign, Type A, Temp, Prismatic, Oper	8120341	36.000	Sft
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	2,952.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	2,952.000	Sft
0160	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
0170	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0190	_ Railroad Protection, at Grade Crossing	8127060	2,000.000	Dir



**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 037

**Letting Date:** November 2, 2018

**Contract ID:** 29011-203794

**Description:** 1.81 mi of full depth concrete pavement repairs with shoulder work on US-127 from east of Begole Road northerly to west of Alger Road, Gratiot County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203794A	N/A	N/A	GF19 29011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$95,600.00	1500001	1.000	LSUM
0020	Aggregate Base	3020001	100.000	Ton
0030	Trenching	3070200	192.000	Sta
0040	HMA Quality Initiative	5010007	4,000.000	Dlr
0050	HMA Approach	5010061	120.000	Ton
0060	HMA, LVSP	5010703	1,880.000	Ton
0070	Joint, Contraction, Cp	6020200	2,076.000	Ft
0080	Joint, Contraction, Crg	6030020	8,593.000	Ft
0090	Joint, Expansion, Erg	6030021	456.000	Ft
0100	Lane Tie, Epoxy Anchored	6030030	100.000	Ea
0110	Pavt Repr, Nonreinf Conc, 10 inch	6030048	3,306.000	Syd
0120	Pavt Repr, Rem	6030080	3,306.000	Syd
0130	Saw Cut, Intermediate	6030090	2,112.000	Ft
0140	_ Joint, Tied, Special	6037001	12,970.000	Ft
0150	_ Pavt Repr, Nonreinf, 10 inch, Special	6037011	1,797.000	Syd
0160	_ Pavt Repr, Rem, Special	6037011	1,797.000	Syd
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,800.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,800.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	450.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	450.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign Cover	8120310	2.000	Ea
0260	Sign, Type A, Temp, Prismatic, Furn	8120340	65.000	Sft
0270	Sign, Type A, Temp, Prismatic, Oper	8120341	65.000	Sft
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	1,608.000	Sft



0290	Sign, Type B, Temp, Prismatic, Oper	8120351	1,608.000	Sft
0300	Shoulder Corrugations, Ground or Cut, HMA	8220001	19,200.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 181102 038

**Letting Date:** November 2, 2018

**Contract ID:** 17000-200553

**Description:** 1.69 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, drainage, ADA sidewalk and pavement markings on Ferry Dock Road from Portage Avenue to Sugar Island Ferry Dock and on I-75 BS from the Portage Canal to the Sugar Island Ferry Dock Road in the city of Sault Ste. Marie, Chippewa County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200553A	N/A	N/A	EDF 17032
200694A	N/A	N/A	M 17032

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$52,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	20.000	Ft
0040	_ Monitoring Well, Adjust	2037050	2.000	Ea
0050	Curb and Gutter, Rem	2040020	249.000	Ft
0060	Curb, Rem	2040021	75.000	Ft
0070	Pavt, Rem	2040050	55.000	Syd
0080	Sidewalk, Rem	2040055	197.000	Syd
0090	Structures, Rem Portions	2040061	1.000	LSUM
0100	Embankment, CIP	2050010	115.000	Cyd
0110	Excavation, Earth	2050016	69.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	185.000	Cyd
0140	_ Ditching	2057001	210.000	Ft
0150	Aggregate Base	3020001	402.000	Ton
0160	HMA Base Crushing and Shaping	3050002	2,051.000	Syd
0170	Approach, CI II	3070021	20.000	Ton
0180	Shoulder, CI II	3070121	120.000	Ton
0190	Culv End Sect, 18 inch	4010018	1.000	Ea
0200	Culv, CI A, Conc, 18 inch	4010167	8.000	Ft
0210	_ Culvert Cleanout	4017001	36.000	Ft
0220	Dr Structure Cover, Adj, Case 1	4030005	47.000	Ea
0230	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0240	Dr Structure, Adj, Add Depth	4030280	10.000	Ft

0250	Underdrain Outlet, 12 inch	4040099	20.000	Ft
0260	Cold Milling HMA Surface	5010002	12,620.000	Syd
0270	HMA Surface, Rem	5010005	13.000	Syd
0280	HMA Quality Initiative	5010007	7,384.000	Dlr
0290	Longitudinal Joint Density Quality Initiative	5010018	27,306.000	Dlr
0300	Hand Patching	5010025	1.000	Ton
0310	HMA Approach	5010061	207.000	Ton
0320	HMA, LVSP	5010703	3,484.000	Ton
0330	Conc, Grade S2	7060011	1.000	Cyd
0340	_ Pedestrian Path, Temp	8007001	350.000	Ft
0350	_ Pedestrian Path, Ramp	8007050	16.000	Ea
0360	Driveway, Nonreinf Conc, 6 inch	8010005	5.000	Syd
0370	Curb, Conc, Det E2	8020002	35.000	Ft
0380	Curb and Gutter, Conc, Det B1	8020015	166.000	Ft
0390	Detectable Warning Surface	8030010	83.000	Ft
0400	Curb Ramp Opening, Conc	8030030	210.000	Ft
0410	Sidewalk Ramp, Conc, 6 inch	8030036	1,826.000	Sft
0420	Delineator Reflector, White	8100134	6.000	Ea
0430	Fdn, Wood Support, Rem	8100280	2.000	Ea
0440	Post, Rigid, Delineator	8100361	6.000	Ea
0450	Post, Steel, 3 lb	8100371	105.000	Ft
0460	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0470	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	12.000	Ft
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,960.000	Ft
0490	Pavt Mrkg, Waterborne, 6 inch, White	8110233	17,335.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,960.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	17,335.000	Ft
0520	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0550	Pedestrian Type II Barricade, Temp	8120026	40.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0580	Ltg for Night Work	8120160	1.000	LSUM
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,960.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,960.000	Ft
0620	Plastic Drum, Fluorescent, Furn	8120252	162.000	Ea
0630	Plastic Drum, Fluorescent, Oper	8120253	162.000	Ea
0640	Sign Cover	8120310	10.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft

0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Slope Restoration, Type A	8160100	640.000	Syd
0690	Slope Restoration, Type B	8160101	800.000	Syd
0700	Slope Restoration, Type C	8160102	160.000	Syd
0710	Monument Box	8210001	4.000	Ea
0720	Monument Box Adjust	8210005	1.000	Ea
0730	Monument Preservation	8210010	23.000	Ea
0740	Protect Corners	8210020	2.000	Ea
0750	Gate Box, Adj, Case 1	8230431	15.000	Ea
0760	Contractor Staking, Road Only	8240007	1.000	LSUM
0770	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0780	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0790	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

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