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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 001**Letting Date:** March 6, 2020**Contract ID:** 78000-205767

Description: 5.14 mi of hot mix asphalt overlay, aggregate shoulders and pavement markings on Sprowl Road/Burr Oak Road, Hackman Road to M-86 and Sauger Lake Road from Shimmel Road to Nottawa Road, St. Joseph County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205767A	20A0217	N/A	STL 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,700.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	3,500.000	Ton
0040	Pavt for Butt Joints, Rem	5010008	280.000	Syd
0050	HMA Approach	5010061	370.000	Ton
0060	HMA, LVSP	5010703	7,850.000	Ton
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	54,280.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	32,479.000	Ft
0090	Pavt Mrkg, Thermopl, Rumble Strip	8110470	136.000	Ft
0100	Channelizing Device, 42 inch, Furn	8120030	543.000	Ea
0110	Channelizing Device, 42 inch, Oper	8120031	543.000	Ea
0120	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0130	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,088.000	Ft
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	560.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	560.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	6.000	Sft
0190	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	6.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 200306 002**Letting Date:** March 6, 2020**Contract ID:** 70000-130717

Description: 0.85 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps and pavement markings on Lakewood Boulevard from east of 120th Avenue easterly to 112th Avenue, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130717A	20A0219	N/A	STUL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	130.000	Ft
0030	_ Sidewalk Ramp Grading	2057011	51.000	Syd
0040	Dr Structure, Adj, Add Depth	4030280	7.000	Ft
0050	Dr Structure, Temp Lowering	4030390	44.000	Ea
0060	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	44.000	Ea
0070	Cold Milling HMA Surface	5010002	28,249.000	Syd
0080	Hand Patching	5010025	5.000	Ton
0090	HMA, 5E3	5010057	3,185.000	Ton
0100	HMA Approach	5010061	80.000	Ton
0110	Detectable Warning Surface	8030010	81.000	Ft
0120	Curb Ramp Opening, Conc	8030030	130.000	Ft
0130	Sidewalk Ramp, Conc, 4 inch	8030034	455.000	Sft
0140	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	165.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	66.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,441.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,278.000	Ft
0200	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0210	Channelizing Device, 42 inch, Furn	8120030	140.000	Ea
0220	Channelizing Device, 42 inch, Oper	8120031	140.000	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, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	9,920.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,	8120236	9,867.000	Ft

	Yellow, Temp			
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,676.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,400.000	Ft
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	488.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	488.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	_ Slope Restoration	8167011	25.000	Syd
0340	_ Gate Box, Adj	8237050	11.000	Ea
0350	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr



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Report v1

Letting Call: 200306 003**Letting Date:** March 6, 2020**Contract ID:** 22000-202715-2

Description: Safe Routes to School, concrete sidewalk, ramps, curb and gutter, drainage and pavement markings on Pyle Drive at Woodland Elementary and Kingsford Middle Schools in the city of Kingsford, Dickinson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202715A	1900938	N/A	TAL 22000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0030	Curb and Gutter, Rem	2040020	420.000	Ft
0040	Sidewalk, Rem	2040055	50.000	Syd
0050	Embankment, CIP	2050010	618.000	Cyd
0060	Excavation, Earth	2050016	1,057.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0080	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0090	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0100	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0110	Dr Structure Cover, Type Q	4030065	1.000	Ea
0120	_ Dr Structure Cover, ADA Compliant	4037050	7.000	Ea
0130	HMA Surface, Rem	5010005	1,362.000	Syd
0140	Hand Patching	5010025	172.000	Ton
0150	Curb and Gutter, Conc, Det C2	8020021	618.000	Ft
0160	Detectable Warning Surface	8030010	212.000	Ft
0170	Curb Ramp Opening, Conc	8030030	413.000	Ft
0180	Sidewalk Ramp, Conc, 4 inch	8030034	1,195.000	Sft
0190	Sidewalk, Conc, 4 inch	8030044	51,200.000	Sft
0200	Sidewalk, Conc, 6 inch	8030046	7,600.000	Sft
0210	Post, Steel, 3 lb	8100371	854.000	Ft
0220	Sign, Type III, Erect, Salv	8100402	21.000	Ea
0230	Sign, Type III, Rem	8100403	21.000	Ea
0240	Sign, Type IIIA	8100404	92.000	Sft
0250	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,048.000	Ft
0260	Pavt Mrkg, Polyurea, Bike, Large Symbol	8110104	28.000	Ea
0270	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	28.000	Ea

0280	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	555.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, White	8110233	21,460.000	Ft
0300	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, High Intensity, Furn	8120250	54.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	54.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	132.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	132.000	Sft
0380	Slope Restoration, Type A	8160100	9,167.000	Syd
0390	Hydrant, Relocate, Case 2	8230096	1.000	Ea



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Report v1

Letting Call: 200306 004**Letting Date:** March 6, 2020**Contract ID:** 78000-207259

Description: 1.34 mi of hot mix asphalt crushing, shaping and resurfacing, shoulder widening and pavement markings on Fawn River Road from west of Mill Pond Road (west junction) to east of Mill Pond Road (east junction), St. Joseph County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207259A	20A0256	N/A	HRRR 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$33,900.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	172.000	Syd
0030	Embankment, CIP	2050010	1,316.000	Cyd
0040	Machine Grading	2050030	71.000	Sta
0050	Project Cleanup	2090001	1.000	LSUM
0060	Aggregate Base	3020001	657.000	Ton
0070	HMA Base Crushing and Shaping	3050002	11,347.000	Syd
0080	Shoulder, CI I	3070101	600.000	Ton
0090	Shoulder, CI II	3070121	800.000	Ton
0100	HMA Approach	5010061	100.000	Ton
0110	HMA, LVSP	5010703	3,700.000	Ton
0120	Post, Mailbox	8070095	12.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,408.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,408.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	576.000	Ft
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	141.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	141.000	Sft
0210	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	6.000	Sft
0220	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	6.000	Sft
0230	Slope Restoration, Type B	8160101	6,164.000	Syd



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Report v1

Letting Call: 200306 005**Letting Date:** March 6, 2020**Contract ID:** 14000-207342

Description: 1.09 mi of road rehabilitation, hot mix asphalt cold milling and resurfacing, shoulders and pavement markings on Marcellus Highway from Twin Lakes Road to Glenwood Road, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207342A	20A0249	N/A	STL 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,900.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	315.000	Ton
0030	Cold Milling HMA Surface	5010002	175.000	Syd
0040	HMA, 13A	5010033	1,555.000	Ton
0050	HMA Approach	5010061	20.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,510.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,755.000	Ft
0080	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0090	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM



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Report v1

Letting Call: 200306 006**Letting Date:** March 6, 2020**Contract ID:** 82000-203376

Description: 3.25 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, sidewalk and ramps, aggregate base, storm sewers, underdrain, traffic signal modernization and pavement markings on Van Horn Road from east of I-75 to Fox Court and Allen Road from Vreeland Road to West Road in the cities of Trenton and Woodhaven, Wayne County. This project includes a 5 year Local Agency Program Warranty. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203376A	1901240	N/A	EMRP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$127,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.500	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	34.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	15.000	Ea
0080	Dr Structure, Rem	2030011	47.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	2,612.000	Ft
0100	Sewer, Rem, 24 inch to 48 inch	2030016	2,273.000	Ft
0110	Curb and Gutter, Rem	2040020	56.000	Ft
0120	Curb, Rem	2040021	244.000	Ft
0130	Guardrail, Rem	2040035	233.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0150	Sidewalk, Rem	2040055	1,164.000	Syd
0160	Exploratory Investigation, Vertical	2040080	200.000	Ft
0170	_ Misc Culvert Cleanout	2047001	670.000	Ft
0180	_ Misc Pavt, Rem, Patching	2047011	1,617.000	Syd
0190	_ Pavt, Rem, Special	2047011	24,171.000	Syd
0200	_ Misc Obstruction, Rem	2047021	45.000	Cyd
0210	Excavation, Earth	2050016	21,161.000	Cyd
0220	_ Embankment, CIP, Modified	2057021	4,078.000	Cyd
0230	_ Misc Subgrade Undercutting, Type IV	2057021	13,505.000	Cyd
0240	Erosion Control, Check Dam, Stone	2080012	1,400.000	Ft
0250	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0260	Erosion Control, Inlet Protection, Fabric Drop	2080020	141.000	Ea

0270	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	47.000	Ea
0280	Erosion Control, Inlet Protection, Sediment Trap	2080024	38.000	Ea
0290	Erosion Control, Maintenance, Sediment Removal	2080026	455.000	Cyd
0300	Erosion Control, Sediment Trap	2080034	70.000	Ea
0310	Erosion Control, Silt Fence	2080036	5,000.000	Ft
0320	Project Cleanup	2090001	1.000	LSUM
0330	_ Aggregate Base, 4 inch, Modified	3027011	1,211.000	Syd
0340	_ Aggregate Base, 6 inch, Modified	3027011	3,608.000	Syd
0350	_ Aggregate Base, 9 inch, Modified	3027011	33,615.000	Syd
0360	Maintenance Gravel	3060020	580.000	Ton
0370	_ Shoulder, CI I, 3 inch, Modified	3077011	2,522.000	Syd
0380	_ Shoulder, CI I, 6 inch, Modified	3077011	1,875.000	Syd
0390	Geotextile, Separator	3080005	38,902.000	Syd
0400	Culv End Sect, 12 inch	4010012	32.000	Ea
0410	Culv End Sect, 15 inch	4010015	8.000	Ea
0420	Culv End Sect, 18 inch	4010018	1.000	Ea
0430	Culv, CI E, 12 inch	4010539	317.000	Ft
0440	Culv, CI E, 15 inch	4010540	205.000	Ft
0450	Culv, CI E, 18 inch	4010541	101.000	Ft
0460	Culv, CI E, 24 inch	4010542	159.000	Ft
0470	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0480	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	10.000	Ea
0490	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	2.000	Ea
0500	Culv, Slp End Sect, 1 on 6, 36 inch, Longit	4010961	1.000	Ea
0510	Outfall Label	4011115	4.000	Ea
0520	Sewer, CI E, 12 inch, Tr Det B	4020600	1,549.000	Ft
0530	Sewer, CI E, 15 inch, Tr Det B	4020601	266.000	Ft
0540	Sewer, CI E, 18 inch, Tr Det B	4020602	945.000	Ft
0550	Sewer, CI E, 24 inch, Tr Det B	4020603	1,358.000	Ft
0560	Sewer, CI E, 30 inch, Tr Det B	4020604	346.000	Ft
0570	Sewer, CI E, 36 inch, Tr Det B	4020605	417.000	Ft
0580	Sewer, CI E, 42 inch, Tr Det B	4020606	1,740.000	Ft
0590	Sewer Tap, 12 inch	4021204	11.000	Ea
0600	Sewer Tap, 15 inch	4021205	1.000	Ea
0610	Sewer Tap, 18 inch	4021206	4.000	Ea
0620	Sewer Tap, 24 inch	4021207	2.000	Ea
0630	Sewer Tap, 30 inch	4021208	6.000	Ea
0640	Sewer Tap, 42 inch	4021210	2.000	Ea
0650	Sewer Bulkhead, 12 inch	4021230	3.000	Ea
0660	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0670	Trench Undercut and Backfill	4021260	30.000	Cyd
0680	Video Taping Sewer and Culv Pipe	4021275	6,000.000	Ft
0690	Sewer, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch, Tr Det B	4021450	69.000	Ft
0700	Sewer, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch,	4021451	188.000	Ft

	Tr Det B			
0710	Sewer, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch, Tr Det B	4021454	527.000	Ft
0720	Dr Structure Cover, Type B	4030010	5.000	Ea
0730	Dr Structure Cover, Type G	4030040	1.000	Ea
0740	Dr Structure Lead, Cleaning, 12 inch	4030112	418.000	Ft
0750	Dr Structure Lead, Cleaning, 30 inch	4030130	1,092.000	Ft
0760	Dr Structure Lead, Cleaning, 36 inch	4030136	1,004.000	Ft
0770	Dr Structure Lead, Cleaning, 42 inch	4030142	1,192.000	Ft
0780	Dr Structure Lead, Cleaning, 54 inch	4030154	810.000	Ft
0790	Dr Structure Lead, Cleaning, 60 inch	4030160	108.000	Ft
0800	Dr Structure Lead, Cleaning, 78 inch	4030178	111.000	Ft
0810	Dr Structure, 120 inch dia	4030242	5.000	Ea
0820	Dr Structure, Add Depth of 120 inch dia, 8 foot to 15 foot	4030243	11.000	Ft
0830	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	24.000	Ft
0840	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	20.000	Ft
0850	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	21.000	Ft
0860	Dr Structure, Cleaning	4030290	45.000	Ea
0870	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0880	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0890	Mh, Precast Tee, CI II, 42 inch	4030542	1.000	Ea
0900	_ Misc Structure Reconstruct	4037001	455.000	Ft
0910	_ Misc Catch Basin A, Cover S	4037050	17.000	Ea
0920	_ Misc Drainage Control Structure, 120 inch diameter, Cover A and Cover A	4037050	1.000	Ea
0930	_ Misc Drainage Control Structure, 72 inch diameter, Cover C and Cover C	4037050	5.000	Ea
0940	_ Misc Inlet A, Cover S	4037050	17.000	Ea
0950	_ Misc Mh A, 48 inch dia, Cover C	4037050	2.000	Ea
0960	_ Misc Mh A, 48 inch dia, Cover S	4037050	3.000	Ea
0970	_ Misc Mh A, 60 inch dia, Cover C	4037050	3.000	Ea
0980	_ Misc Mh A, 60 inch dia, Cover S	4037050	1.000	Ea
0990	_ Misc Mh A, 72 inch dia, Cover C	4037050	3.000	Ea
1000	_ Misc Mh A, 72 inch dia, Cover S	4037050	1.000	Ea
1010	_ Misc Mh B, 48 inch dia, Cover A	4037050	5.000	Ea
1020	_ Misc Mh B, 60 inch dia, Cover A	4037050	6.000	Ea
1030	_ Misc Mh B, 72 inch dia, Cover A	4037050	6.000	Ea
1040	_ Misc Mh D, 48 inch dia, Cover C	4037050	9.000	Ea
1050	_ Misc Mh D, 48 inch dia, Cover S	4037050	6.000	Ea
1060	_ Misc Mh D, 60 inch dia, Cover C	4037050	2.000	Ea
1070	_ Misc Mh D, 72 inch dia, Cover A	4037050	2.000	Ea
1080	_ Misc Mh D, 72 inch dia, Cover C	4037050	3.000	Ea
1090	_ Misc Mh D, 84 inch dia, Cover A	4037050	2.000	Ea
1100	_ Misc San Structure Cover, Adj	4037050	61.000	Ea

1110	_ Misc Storm Water Pollution Control Unit, 5.0 cfs	4037050	1.000	Ea
1120	_ Misc Storm Water Pollution Control Unit, 6.5 cfs	4037050	1.000	Ea
1130	_ Misc Structure Cover, Adj	4037050	101.000	Ea
1140	_ Misc Structure Cover, Adj, Furn Cover A	4037050	30.000	Ea
1150	_ Misc Structure Cover, Adj, Furn Cover S	4037050	30.000	Ea
1160	_ Misc Underdrain Trench Lining	4047001	6,156.000	Ft
1170	_ Misc Underdrain, Subgrade, Shallow, 6 inch	4047001	6,156.000	Ft
1180	Pavt, Cleaning	5010001	1.000	LSUM
1190	HMA Surface, Rem	5010005	4,706.000	Syd
1200	Pavt for Butt Joints, Rem	5010008	400.000	Syd
1210	_ Cold Milling HMA Surface, Modified	5017011	57,197.000	Syd
1220	_ Misc Cold Milling Conc Surface	5017011	475.000	Syd
1230	_ Misc HMA, Base, Drives	5017011	93.000	Syd
1240	_ Misc HMA, Top (F), Drives	5017011	1,481.000	Syd
1250	_ Misc Bit Mixture for Patching, Temp	5017031	100.000	Ton
1260	_ Misc Conditioning Existing Pavement	5017031	600.000	Ton
1270	_ Misc HMA, 4E10	5017031	6,993.000	Ton
1280	_ Misc HMA, 5E10	5017031	6,626.000	Ton
1290	_ Misc HMA, Hand Patching	5017031	20.000	Ton
1300	_ Misc HMA, Wedge	5017031	275.000	Ton
1310	Joint, Contraction, Cp	6020200	12,393.000	Ft
1320	Joint, Contraction, C3p	6020201	492.000	Ft
1330	Joint, Contraction, C	6020202	1,009.000	Ft
1340	Joint, Expansion, E2	6020207	2,907.000	Ft
1350	Joint, Expansion, E3	6020208	35.000	Ft
1360	_ Misc Conc Base Cse, Nonreinf, ISC-4, 9 inch	6027011	6,240.000	Syd
1370	_ Misc Conc Pavt, Misc, Nonreinf, 10 inch	6027011	658.000	Syd
1380	_ Misc Conc Pavt, Nonreinf, 10 inch	6027011	7,851.000	Syd
1390	_ Misc Conc Pavt, Nonreinf, 9 inch	6027011	156.000	Syd
1400	_ Misc Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	14,027.000	Syd
1410	_ Misc Conc Pavt, Nonreinf, ISC-3, 6 inch	6027011	49.000	Syd
1420	Joint, Contraction, Crg	6030020	25.000	Ft
1430	Lane Tie, Epoxy Anchored	6030030	658.000	Ea
1440	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,605.000	Syd
1450	Conc, Grade S2	7060011	3.000	Cyd
1460	Reinforcement, Steel, Culv and Headwall	7060091	90.000	Lb
1470	_ Conc, Grade S3	7067021	20.000	Cyd
1480	Curb, Conc, Det E4	8020004	883.000	Ft
1490	Driveway Opening, Conc, Det M	8020050	1,075.000	Ft
1500	Spillway, Conc	8020075	154.000	Ft
1510	_ Misc Conc Curb Cap	8027001	1,075.000	Ft
1520	_ Misc Conc Curb Cap, Patching	8027001	925.000	Ft
1530	Detectable Warning Surface	8030010	164.000	Ft
1540	Curb Ramp Opening, Conc	8030030	56.000	Ft
1550	Sidewalk Ramp, Conc, 6 inch	8030036	2,263.000	Sft

1560	Sidewalk, Conc, 4 inch	8030044	8,480.000	Sft
1570	Conc Barrier, Single Face, Type A	8040001	71.000	Ft
1580	Guardrail, Type MGS-8	8070004	50.000	Ft
1590	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
1600	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
1610	Guardrail Reflector	8070080	4.000	Ea
1620	Post, Mailbox	8070095	14.000	Ea
1630	_ Cluster Mailbox	8077050	2.000	Ea
1640	_ Cluster Mailbox, Rem	8077050	2.000	Ea
1650	_ Misc Field Office	8097043	20.000	Mo
1660	Sign, Type III, Rem	8100403	10.000	Ea
1670	Mast Arm Pole, Cat I	8100510	11.000	Ea
1680	Mast Arm, 25 foot, Cat I	8100521	1.000	Ea
1690	Mast Arm, 35 foot, Cat I	8100523	2.000	Ea
1700	Mast Arm, 40 foot, Cat I	8100524	3.000	Ea
1710	Mast Arm, 45 foot, Cat I	8100525	2.000	Ea
1720	Mast Arm, 50 foot, Cat I	8100526	3.000	Ea
1730	Mast Arm Pole Fdn, 6 Bolt	8100550	162.000	Ft
1740	_ Misc Sign, Type B, Perm	8107010	645.000	Sft
1750	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	1,990.000	Ft
1760	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	560.000	Ft
1770	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	18.000	Ea
1780	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	5.000	Ea
1790	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	16.000	Ea
1800	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	5,220.000	Ft
1810	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	35,240.000	Ft
1820	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	19,368.000	Ft
1830	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow	8110213	300.000	Ft
1840	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	28,910.000	Ft
1850	Rem Curing Compound, for Spec Mrkg	8110321	2,000.000	Sft
1860	Rem Spec Mrkg	8110343	750.000	Sft
1870	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
1880	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
1890	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
1900	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
1910	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
1920	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
1930	Conc Barrier, Temp, Furn	8120081	720.000	Ft
1940	Conc Barrier, Temp, Oper	8120082	720.000	Ft
1950	Conc Barrier, Temp, Relocated	8120083	360.000	Ft
1960	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
1970	Lighted Arrow, Type C, Oper	8120141	12.000	Ea
1980	Minor Traf Devices	8120170	1.000	LSUM

1990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	13,200.000	Ft
2000	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,348.000	Ft
2010	Plastic Drum, High Intensity, Furn	8120250	859.000	Ea
2020	Plastic Drum, High Intensity, Oper	8120251	859.000	Ea
2030	Sign Cover	8120310	50.000	Ea
2040	Sign, Type B, Temp, Prismatic, Furn	8120350	2,955.000	Sft
2050	Sign, Type B, Temp, Prismatic, Oper	8120351	2,955.000	Sft
2060	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,238.000	Sft
2070	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,238.000	Sft
2080	Traf Regulator Control	8120370	1.000	LSUM
2090	_ Misc Temp Aggregate Base, 6 inch	8127010	12,000.000	Sft
2100	_ Misc Temp HMA Surface, 3.5 inch	8127010	12,000.000	Sft
2110	_ Riprap, Plain, Modified	8137011	3,524.000	Syd
2120	Topsoil Surface, Furn, 2 inch	8160060	7,800.000	Syd
2130	Water, Sodding/Seeding	8160090	2,934.000	Unit
2140	_ Misc Turf Grading	8167011	10,118.000	Syd
2150	_ Sodding, Modified	8167011	54,719.000	Syd
2160	_ Wetland Turf Establishment and Monitoring	8167051	1.000	LSUM
2170	Cable Pole, Sec, Disman	8190006	2.000	Ea
2180	Cable Pole, TS, Disman	8190010	1.000	Ea
2190	Conduit, DB, 1, 1 1/2 inch	8190027	629.000	Ft
2200	Conduit, DB, 1, 3 inch	8190029	330.000	Ft
2210	Conduit, DB, 2, 3 inch	8190032	27.000	Ft
2220	Conduit, DB, 3, 3 inch	8190035	136.000	Ft
2230	Conduit, DB, 4, 3 inch	8190038	52.000	Ft
2240	Conduit, Rem	8190140	35.000	Ft
2250	Conduit, Schedule 80 PVC, 3 inch	8190159	860.000	Ft
2260	Hh, Rem	8190254	2.000	Ea
2270	Hh, Round, 3 foot dia	8190259	3.000	Ea
2280	Hh, Round	8190260	39.000	Ea
2290	Cable, P.J., 600V, 1, 7/C#14	8190377	400.000	Ft
2300	Cable, Sec, 600V, 1, 3/C#6	8190399	945.000	Ft
2310	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
2320	Wood Pole, Fit Up, Sec Serv Pole	8190496	3.000	Ea
2330	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	11.000	Ea
2340	Wood Pole, Rem	8190505	1.000	Ea
2350	Conduit, Directional Bore, 1, 3 inch	8190602	80.000	Ft
2360	Conduit, Directional Bore, 2, 3 inch	8190604	560.000	Ft
2370	Case Sign, Four Way, 12 inch by 27 inch, Salv	8200012	1.000	Ea
2380	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	1.000	Ea
2390	Case Sign, Rem	8200020	2.000	Ea
2400	Controller and Cabinet, Rem	8200030	2.000	Ea
2410	Controller Fdn, Base Mount	8200045	3.000	Ea

2420	Fdn, Rem	8200065	1.000	Ea
2430	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	3.000	Ea
2440	Pedestal, Alum	8200100	9.000	Ea
2450	Pedestal, Fdn	8200105	22.000	Ea
2460	Pedestal Fdn, Rem	8200106	1.000	Ea
2470	Pedestal, Rem	8200110	1.000	Ea
2480	Power Co. (Est. Cost to Contractor)	8200116	42,000.000	Dlr
2490	Pushbutton and Sign	8200121	18.000	Ea
2500	Pushbutton Pedestal, Alum	8200123	13.000	Ea
2510	Serv Disconnect	8200135	16.000	Ea
2520	Serv Disconnect, Rem	8200136	1.000	Ea
2530	Span Wire, Rem	8200141	2.000	Ea
2540	Steel Pole, Rem	8200145	1.000	Ea
2550	TS, 4th Level Arrow, Rem	8200176	9.000	Ea
2560	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
2570	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
2580	TS, Span Wire Mtd, Rem	8200182	17.000	Ea
2590	Cabinet, NEMA Type	8200186	16.000	Ea
2600	TS, Two Way Span Wire Mtd, Salv	8200201	4.000	Ea
2610	TS, Four Way Span Wire Mtd, Salv	8200208	1.000	Ea
2620	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	7.000	Ea
2630	TS, One Way Span Wire Mtd (LED)	8200313	1.000	Ea
2640	TS, Three Way Span Wire Mtd (LED)	8200325	4.000	Ea
2650	TS, 4th Level, LTGA (LED)	8200329	10.000	Ea
2660	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
2670	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
2680	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
2690	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	5.000	Ea
2700	TS, One Way Mast Arm Mtd (LED)	8200359	23.000	Ea
2710	TS, Antenna	8200367	5.000	Ea
2720	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
2730	Video Traf Detection System	8200380	3.000	Ea
2740	Video Traf Detection Camera	8200381	10.000	Ea
2750	Wireless Intercn, Closed Loop, Repeater	8200394	1.000	Ea
2760	Wireless Intercn, Closed Loop, Remote	8200395	2.000	Ea
2770	Junction Box, Rem	8200457	2.000	Ea
2780	TS Face, Bag	8200458	23.000	Ea
2790	TS Face, Bag, Rem	8200459	17.000	Ea
2800	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
2810	Strain Pole Fdn, 6 Bolt	8200470	20.000	Ft
2820	Casing	8200480	166.000	Ft
2830	Cellular Modem, TS, 4G	8200498	14.000	Ea

2840	TS Uninterruptible Power System	8200500	3.000	Ea
2850	Backplate, TS	8200501	30.000	Ea
2860	_ Coating Galvanized Support Structures	8207050	32.000	Ea
2870	_ Controller, NEMA ATC Type	8207050	3.000	Ea
2880	_ St Name Sign, Two Way, (LED), 6 foot	8207050	9.000	Ea
2890	_ St Name Sign, Two Way, (LED), 8 foot	8207050	5.000	Ea
2900	_ Warning Beacon System	8207050	13.000	Ea
2910	Monument Box	8210001	3.000	Ea
2920	Monument Preservation	8210010	3.000	Ea
2930	_ Misc Hydrant, Adj	8237050	5.000	Ea
2940	_ Water Main Conflict, 12 inch	8237050	6.000	Ea
2950	_ Water Main Conflict, 16 inch	8237050	3.000	Ea
2960	_ Water Main Conflict, 24 inch	8237050	1.000	Ea
2970	Staking Plan Errors and Extras, One Person	8240020	104.000	Hr
2980	Staking Plan Errors and Extras, Two Person	8240021	42.000	Hr
2990	Staking Plan Errors and Extras, Three Person	8240022	63.000	Hr
3000	_ Contractor Staking, Modified	8247051	1.000	LSUM
3010	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3020	Flowable Fill, Non-Structural	8260148	20.000	Cyd
3030	_ Roadside Unit, Intersection	8267050	3.000	Ea
3040	_ Misc Audio-Video Rte Survey	8507051	1.000	LSUM
3050	_ Railroad Protection, at Grade Crossing	8507060	45,000.000	Dlr

Section: 2

3060	Structures, Rem	2040060	1.000	LSUM
3070	Structures, Rem Portions	2040061	1.000	LSUM
3080	Backfill, Structure, CIP	2060002	2,975.000	Cyd
3090	Excavation, Fdn	2060010	3,032.000	Cyd
3100	Erosion Control, Sand Bag	2080028	100.000	Ea
3110	Erosion Control, Turbidity Curtain, Shallow	2080044	270.000	Ft
3120	Underdrain, Fdn, 6 inch	4040033	343.000	Ft
3130	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
3140	_ Underdrain, Fdn, 6 inch, Modified	4047001	50.000	Ft
3150	_ Misc Culv, Precast Three-Sided or Arch, 33 foot x 10 foot	4067001	80.000	Ft
3160	Steel Sheet Piling, Temp	7040002	1,962.000	Sft
3170	Cofferdams	7040007	1.000	LSUM
3180	Prebore, Fdn Piling	7050001	382.000	Ft
3190	Pile Driving Equipment, Furn	7050002	1.000	LSUM
3200	Pile, Steel, Furn and Driven, 12 inch	7050030	2,240.000	Ft
3210	Test Pile, Steel, 12 inch	7050031	4.000	Ea
3220	Pile Point, Steel	7050039	112.000	Ea
3230	Pile, Steel, Splice	7050050	10.000	Ea
3240	Conc, Grade D	7060010	386.000	Cyd
3250	Reinforcement, Steel, Epoxy Coated	7060092	46,484.000	Lb

3260	Joint Waterproofing	7100001	156.000	Sft
3270	_ Misc Pedestrian Railing	7117001	263.000	Ft
3280	Culv, Temp	8120090	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 007

Letting Date: March 6, 2020

Contract ID: 50000-209079

Description: 1.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb and gutter, sidewalks and ramps, detail 7 joint repair, culverts and pavement markings on Jefferson Avenue from Shook Road to the city limits of St. Clair Shores, Macomb County. This is a local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209079A	20A0273	N/A	EDCF 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$279,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	6,725.000	Ft
0030	Sidewalk, Rem	2040055	207.000	Syd
0040	Embankment, CIP	2050010	370.000	Cyd
0050	Excavation, Earth	2050016	30.000	Cyd
0060	Aggregate Base, 4 inch	3020010	100.000	Syd
0070	_ Aggregate Base Repair, Modified	3027031	100.000	Ton
0080	Shoulder, CI II	3070121	740.000	Ton
0090	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0100	Culv, CI F, CSP, 12 inch	4010675	20.000	Ft
0110	Dr Structure Cover, Type K	4030050	10.000	Ea
0120	Dr Structure Cover, Type Q	4030065	5.000	Ea
0130	Dr Structure, Cleaning	4030290	45.000	Ea
0140	Dr Structure, Temp Lowering	4030390	50.000	Ea
0150	_ Dr Structure, Adj, Add Depth, Modified	4037001	15.000	Ft
0160	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	50.000	Ea
0170	_ Dr Structure Cover, Type B, Modified	4037050	22.000	Ea
0180	_ External Structure Wrap, Modified	4037050	5.000	Ea
0190	Pavt Joint and Crack Repr, Det 7	5010020	26,900.000	Ft
0200	Hand Patching	5010025	500.000	Ton
0210	HMA, 5E3	5010057	3,500.000	Ton
0220	HMA Approach	5010061	1,000.000	Ton
0230	HMA, 5E3, High Stress	5010515	3,500.000	Ton
0240	_ Cold Milling Existing Pavement, 3 inch Deep Modified	5017011	44,217.000	Syd
0250	Lane Tie, Epoxy Anchored	6030030	18,000.000	Ea
0260	Pavt Repr, Rem	6030080	15,320.000	Syd
0270	_ Expansion Joint Filler, 1.0 inch x 6 inch	6037001	600.000	Ft

0280	_ Pavt Repr, Nonreinf Conc, 6 inch, Modified	6037011	15,320.000	Syd
0290	Driveway, Nonreinf Conc, 6 inch	8010005	100.000	Syd
0300	Curb and Gutter, Conc, Det F4	8020038	6,105.000	Ft
0310	Driveway Opening, Conc, Det M	8020050	500.000	Ft
0320	Curb Ramp Opening, Conc	8030030	120.000	Ft
0330	Sidewalk, Conc, 4 inch	8030044	1,500.000	Sft
0340	_ Sidewalk Ramp, ADA, Modified	8037010	550.000	Sft
0350	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	100.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,144.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,800.000	Ft
0400	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	10,200.000	Ft
0410	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,144.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	14,800.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	888.000	Ft
0470	Plastic Drum, High Intensity, Furn	8120250	400.000	Ea
0480	Plastic Drum, High Intensity, Oper	8120251	400.000	Ea
0490	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	888.000	Ft
0500	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0510	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Turf Establishment, Modified	8167011	4,000.000	Syd
0580	Water Shutoff, Reconst, Case 1	8230401	3.000	Ea



1/31/2020 11:12 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 008**Letting Date:** March 6, 2020**Contract ID:** 27000-202443

Description: Bridge replacement with side by side post-tensioned 39 inch prestressed concrete box beams, steel cofferdams, steel H-piles, approach reconstruction, concrete curb and gutter, guardrail and pavement markings on Blackjack Road (also known as Mattson Camp Road) over the Black River, Gogebic County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202443A	20A0193	N/A	BO 27000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$93,200.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	700.000	Cyd
0030	Excavation, Earth	2050016	490.000	Cyd
0040	Erosion Control, Silt Fence	2080036	1,155.000	Ft
0050	Subbase, CIP	3010002	780.000	Cyd
0060	Aggregate Base, 8 inch	3020020	1,300.000	Syd
0070	Aggregate Surface Cse, 8 inch	3060012	1,400.000	Syd
0080	Shoulder, CI II, 3 inch	3070125	190.000	Syd
0090	HMA Surface, Rem	5010005	1,005.000	Syd
0100	HMA, LVSP	5010703	161.000	Ton
0110	Conc Pavt, Bridge Approach, Reinf	6020600	125.000	Syd
0120	Curb and Gutter, Bridge Approach	8020010	87.000	Ft
0130	Guardrail, Type B	8070000	225.000	Ft
0140	Guardrail, Curved, Type B	8070010	238.000	Ft
0150	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0160	Guardrail Reflector	8070080	40.000	Ea
0170	Guardrail Anch, Bridge, Det M2	8070131	4.000	Ea
0180	Post, Steel, 3 lb	8100371	32.000	Ft
0190	Sign, Type I, Rem	8100391	2.000	Ea
0200	Sign, Type IIIB	8100405	16.000	Sft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	970.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	970.000	Ft
0230	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0240	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0270	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea

0280	Sign, Type B, Temp, Prismatic, Furn	8120350	274.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	274.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	113.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	113.000	Sft
0320	Slope Restoration, Type C	8160102	920.000	Syd
0330	Light Std Arm, Rem	8190277	2.000	Ea
0340	Light Std Fdn, Rem	8190280	2.000	Ea
0350	Light Std Shaft, Rem	8190305	2.000	Ea
0360	Luminaire, Rem	8190360	2.000	Ea

Section: 2

0370	Structures, Rem	2040060	1.000	LSUM
0380	Excavation, Channel	2050015	15.000	Cyd
0390	Excavation, Rock	2050018	25.000	Cyd
0400	Backfill, Structure, CIP	2060002	306.000	Cyd
0410	Excavation, Fdn	2060010	746.000	Cyd
0420	Erosion Control, Filter Bag	2080014	2.000	Ea
0430	Underdrain, Fdn, 4 inch	4040031	200.000	Ft
0440	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0450	Cofferdams	7040007	1.000	LSUM
0460	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0470	Pile, Steel, Furn and Driven, 14 inch	7050034	1,300.000	Ft
0480	Test Pile, Steel, 14 inch	7050035	2.000	Ea
0490	Pile Point, Steel	7050039	30.000	Ea
0500	Pile, Steel, Splice	7050050	30.000	Ea
0510	Conc, Grade D	7060010	9.000	Cyd
0520	Reinforcement, Steel, Epoxy Coated	7060092	16,453.000	Lb
0530	Substructure Conc	7060100	122.000	Cyd
0540	Superstructure Conc	7060110	51.000	Cyd
0550	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0560	Bearing, Elastomeric, 2 inch	7070016	4,752.000	Sin
0570	Prest Conc Deck, 33 inch	7080005	2,470.000	Sft
0580	Post Tensioning	7080015	1.000	LSUM
0590	Joint Waterproofing	7100001	168.000	Sft
0600	Bridge Railing, 2 Tube	7110008	138.000	Ft
0610	Riprap, Heavy	8130005	260.000	Syd
0620	Riprap, Plain	8130010	12.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 200306 009**Letting Date:** March 6, 2020**Contract ID:** 49555-120338**Description:** 5.00 mi of hot mix asphalt crushing, shaping and resurfacing, shoulder aggregate and pavement marking on Krause Road north of Raski Road, Mackinac County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
120338A	20A0247	N/A	STL 49555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$83,300.00	1500001	1.000	LSUM
0020	Aggregate Base, Conditioning	3020051	73.000	Sta
0030	HMA Base Crushing and Shaping	3050002	63,520.000	Syd
0040	Shoulder, CI II	3070121	2,375.000	Ton
0050	HMA, 4E1	5010050	7,165.000	Ton
0060	Curb Sloped, HMA	8050010	1,900.000	Ft
0070	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	52,600.000	Ft
0080	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	50,000.000	Ft
0090	Channelizing Device, 42 inch, Furn	8120030	64.000	Ea
0100	Channelizing Device, 42 inch, Oper	8120031	64.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,130.000	Ft
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	588.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	588.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Monument Box Adjust	8210005	2.000	Ea
0190	Monument Preservation	8210010	5.000	Ea



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 010**Letting Date:** March 6, 2020**Contract ID:** 52555-129818

Description: 1.92 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb and gutter and pavement markings on County Road 581 from County Road PRE to Tony's Lane, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129818A	20A0253	N/A	STL 52555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$70,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	268.000	Ft
0030	Ditch Cleanout	2050006	5.000	Sta
0040	Embankment, LM	2050011	510.000	Cyd
0050	Erosion Control, Silt Fence	2080036	100.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0070	Aggregate Base, 3 inch	3020008	32,045.000	Syd
0080	HMA Base Crushing and Shaping	3050002	32,045.000	Syd
0090	Approach, CI III, 3 inch	3070045	2,070.000	Syd
0100	Shoulder, CI III, 4 inch	3070146	3,512.000	Syd
0110	HMA, 4E3	5010051	3,584.000	Ton
0120	HMA, 5E3	5010057	2,688.000	Ton
0130	HMA Approach	5010061	517.000	Ton
0140	Curb and Gutter, Conc, Det B2	8020016	274.000	Ft
0150	_ HMA Spillway	8027010	300.000	Sft
0160	Curb Sloped, HMA	8050010	2,400.000	Ft
0170	Post, Mailbox	8070095	2.000	Ea
0180	Post, Steel, 2 lb	8100370	1,500.000	Ft
0190	Sign, Type III, Rem	8100403	45.000	Ea
0200	Sign, Type IIIA	8100404	63.000	Sft
0210	Sign, Type IIIB	8100405	201.000	Sft
0220	Recessing Pavt Mrkg, Longit	8110450	37,341.000	Ft
0230	Pavt Mrkg, Wet Retrflec Modified Urethane, 4 inch, White	8110510	20,600.000	Ft
0240	Pavt Mrkg, Wet Retrflec Modified Urethane, 4 inch, Yellow	8110514	16,741.000	Ft
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	824.000	Ft
0290	Plastic Drum, High Intensity, Furn	8120250	206.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	206.000	Ea
0310	Sign Cover	8120310	1.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	304.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	304.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	Riprap, Plain	8130010	45.000	Syd
0360	_ Slope Restoration, Modified	8167011	1,760.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 200306 011

Letting Date: March 6, 2020

Contract ID: 63000-203646

Description: 0.40 mi of hot mix asphalt pulverizing and resurfacing, storm sewer, concrete curb, gutter and sidewalk and pavement markings on Franklin Road from Northwestern Highway (M-10) to the north city limits in the city of Southfield, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203646A	20A0259	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1027060	5,000.000	Dlr
0020	Mobilization, Max \$68,500.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.200	Acre
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	32.000	Ft
0060	Sewer, Rem, 24 inch to 48 inch	2030016	130.000	Ft
0070	Curb and Gutter, Rem	2040020	1,133.000	Ft
0080	Sidewalk, Rem	2040055	81.000	Syd
0090	_ Pavt, Rem, Modified	2047011	2,767.000	Syd
0100	_ Pulverize Existing Pavement	2047011	5,510.000	Syd
0110	_ Trenching, Exploratory	2057001	20.000	Ft
0120	_ Station Grading, Modified	2057002	21.000	Sta
0130	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0150	_ 21AA Agg for Traff Maintenance	3027031	500.000	Ton
0160	_ Aggregate Base, Mod	3027031	1,837.000	Ton
0170	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0180	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0190	Culv End Sect, Conc, 42 inch	4010054	2.000	Ea
0200	Sewer, CI IV, 12 inch, Tr Det B	4020987	165.000	Ft
0210	Sewer, CI IV, 24 inch, Tr Det B	4020993	6.000	Ft
0220	Sewer, CI IV, 30 inch, Tr Det B	4020994	259.000	Ft
0230	Sewer, CI IV, 42 inch, Tr Det B	4020996	98.000	Ft
0240	Video Taping Sewer and Culv Pipe	4021275	200.000	Ft
0250	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0260	Dr Structure Cover, Type B	4030010	3.000	Ea
0270	Dr Structure Cover, Type K	4030050	2.000	Ea

0280	Dr Structure, 48 inch dia	4030210	5.000	Ea
0290	Dr Structure, 72 inch dia	4030230	3.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0310	_ Dr Structure Cover, Adj, Case1, Special	4037050	7.000	Ea
0320	_ Dr Structure, Cover, Type 1040N	4037050	3.000	Ea
0330	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	100.000	Ft
0340	HMA, 4E03	5010049	952.000	Ton
0350	HMA, 5E03	5010055	571.000	Ton
0360	HMA Approach	5010061	348.000	Ton
0370	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	530.000	Syd
0380	_ Joint, HMA Plane of Weakness	6027001	4,646.000	Ft
0390	Curb and Gutter, Conc, Det F4	8020038	2,428.000	Ft
0400	Driveway Opening, Conc, Det M	8020050	1,142.000	Ft
0410	Sidewalk, Conc, 4 inch	8030044	726.000	Sft
0420	Sidewalk, Conc, 6 inch	8030046	800.000	Sft
0430	Post, Steel, 3 lb	8100371	50.000	Ft
0440	Sign, Type I, Erect, Salv	8100390	3.000	Ea
0450	Sign, Type I, Rem	8100391	8.000	Ea
0460	Sign, Type IIIB	8100405	40.000	Sft
0470	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,200.000	Ft
0480	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,120.000	Ft
0490	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	90.000	Ft
0500	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	20.000	Ft
0510	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0520	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0530	Pavt Mrkg, Modified Urethane, 6 inch, Cross Hatching Yellow	8110535	189.000	Ft
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0560	Conc Barrier, Temp, Furn	8120081	30.000	Ft
0570	Conc Barrier, Temp, Oper	8120082	30.000	Ft
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Plastic Drum, High Intensity, Lighted, Furn	8120260	100.000	Ea
0600	Plastic Drum, High Intensity, Lighted, Oper	8120261	100.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	234.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	234.000	Sft
0630	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	280.000	Sft
0640	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	280.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	Riprap, Plain	8130010	40.000	Syd
0670	_ Turf Establishment	8167011	4,188.000	Syd
0680	Gate Box, Adj, Case 2	8230432	1.000	Ea
0690	_ Sprinkler Head Restoration	8237050	50.000	Ea
0700	_ Color Audio Video Route Survey	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 200306 012**Letting Date:** March 6, 2020**Contract ID:** 14555-129858**Description:** 0.96 mi of hot mix asphalt cold milling and resurfacing, shoulders and pavement markings on Dutch Settlement Street from Goff Lake Road to Savage Road, Cass County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129858A	20A0248	N/A	STL 14555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,900.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	275.000	Ton
0030	Cold Milling HMA Surface	5010002	165.000	Syd
0040	HMA, 13A	5010033	1,270.000	Ton
0050	HMA Approach	5010061	85.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,112.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,056.000	Ft
0080	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0090	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, High Intensity, Furn	8120250	55.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	55.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0160	Monument Box Adjust	8210005	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 013

Letting Date: March 6, 2020

Contract ID: 82000-203578

Description: 1.44 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk and ramps, signing, bridge rehabilitation including epoxy overlay, concrete patching and pavement markings on Middle Belt Road from Michigan Avenue (US-12) to Cherry Hill Road over the Lower Rouge River in the city of Inkster, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203578A	20A0255	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$227,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.500	Acre
0030	Curb and Gutter, Rem	2040020	545.000	Ft
0040	Guardrail, Rem	2040035	50.000	Ft
0050	Sidewalk, Rem	2040055	682.000	Syd
0060	_ Misc Pavt, Rem, Patching	2047011	1,460.000	Syd
0070	_ Misc Obstruction, Rem	2047021	3.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	51.000	Ea
0090	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0100	Project Cleanup	2090001	1.000	LSUM
0110	Dr Structure, Temp Lowering	4030390	36.000	Ea
0120	_ Misc Structure Reconstruct	4037001	26.000	Ft
0130	_ Misc San Structure Cover, Adj	4037050	6.000	Ea
0140	_ Misc Structure Cover, Adj	4037050	72.000	Ea
0150	_ Misc Structure Cover, Adj, Furn Cover A	4037050	4.000	Ea
0160	_ Misc Structure Cover, Adj, Furn Cover S	4037050	4.000	Ea
0170	Cold Milling HMA Surface	5010002	51,166.000	Syd
0180	HMA Surface, Rem	5010005	60.000	Syd
0190	Pavt Joint and Crack Repr, Det 8	5010021	540.000	Ft
0200	_ Misc Bit Mixture for Patching, Temp	5017031	50.000	Ton
0210	_ Misc Conditioning Existing Pavement	5017031	900.000	Ton
0220	_ Misc HMA, 4E10	5017031	6,332.000	Ton
0230	_ Misc HMA, 5E10	5017031	4,432.000	Ton
0240	_ Misc HMA, Hand Patching	5017031	89.000	Ton
0250	_ Misc HMA, Wedge	5017031	288.000	Ton
0260	Joint, Contraction, Cp	6020200	584.000	Ft
0270	Joint, Expansion, E2	6020207	88.000	Ft

0280	Lane Tie, Epoxy Anchored	6030030	413.000	Ea
0290	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,460.000	Syd
0300	_ Misc Conc Curb Cap	8027001	70.000	Ft
0310	_ Misc Conc Curb Cap, Patching	8027001	350.000	Ft
0320	Detectable Warning Surface	8030010	304.000	Ft
0330	Curb Ramp Opening, Conc	8030030	536.000	Ft
0340	Sidewalk Ramp, Conc, 4 inch	8030034	3,839.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	35,187.000	Sft
0360	Sidewalk, Conc, 6 inch	8030046	792.000	Sft
0370	_ Sidewalk Ramp, Conc, 8 inch	8037010	1,697.000	Sft
0380	Guardrail, Type B	8070000	50.000	Ft
0390	Guardrail Reflector	8070080	20.000	Ea
0400	_ Misc Field Office	8097043	5.000	Mo
0410	_ Misc Sign, Type B, Perm	8107010	302.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	450.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	125.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	250.000	Ft
0450	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,500.000	Ft
0460	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	20,500.000	Ft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0490	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
0500	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
0510	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,500.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
0570	Plastic Drum, High Intensity, Furn	8120250	500.000	Ea
0580	Plastic Drum, High Intensity, Oper	8120251	500.000	Ea
0590	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	1,500.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,500.000	Ft
0610	Sign Cover	8120310	10.000	Ea
0620	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0630	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	797.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	797.000	Sft
0660	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0670	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft

0680	Traf Regulator Control	8120370	1.000	LSUM
0690	Topsoil Surface, Furn, 2 inch	8160060	6,675.000	Syd
0700	Water, Sodding/Seeding	8160090	361.000	Unit
0710	_ Sodding, Modified	8167011	6,675.000	Syd
0720	Monument Box	8210001	2.000	Ea
0730	Monument Preservation	8210010	2.000	Ea
0740	Protect Corners	8210020	2.000	Ea

Section: 2

0750	HMA Patch, Rem	5010006	38.000	Syd
0760	Expansion Joint Device, Cover Plate	7060051	10.000	Ft
0770	Hand Chipping, Shallow	7120003	42.000	Syd
0780	Hand Chipping, Other Than Deck	7120007	8.000	Cft
0790	Patching Mortar or Conc	7120015	55.000	Cyd
0800	Patch, Forming	7120017	10.000	Sft
0810	Epoxy Ovly	7120020	1,270.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 200306 014**Letting Date:** March 6, 2020**Contract ID:** 13000-206748**Description:** 3.20 mi of cold in place recycling, hot mix asphalt resurfacing and pavement markings on 8 Mile Road (Union City Road) from 7 1/2 Mile Road to M-60, Calhoun County. This is a Local Agency Project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206748A	20A0245	N/A	STL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$107,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	10.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0050	Pavt, Rem	2040050	120.000	Syd
0060	Embankment, CIP	2050010	100.000	Cyd
0070	Excavation, Earth	2050016	100.000	Cyd
0080	Shoulder, CI I	3070101	2,900.000	Ton
0090	Trenching	3070200	334.000	Sta
0100	_ Approach CI II, Modified	3077031	100.000	Ton
0110	Dr Structure Cover, Type E	4030035	1.000	Ea
0120	_ Leaching Basin, 48 inch dia	4037050	1.000	Ea
0130	Pavt for Butt Joints, Rem	5010008	1,000.000	Syd
0140	HMA, 4E1	5010050	8,000.000	Ton
0150	_ Cold-In-Place Recycling	5017011	42,000.000	Syd
0160	Post, Mailbox	8070095	50.000	Ea
0170	Post, Steel, 3 lb	8100371	520.000	Ft
0180	Sign, Type III, Rem	8100403	24.000	Ea
0190	Sign, Type IIIB	8100405	302.000	Sft
0200	Sign, Type V, Rem	8100421	4.000	Ea
0210	Sign, Type VB	8100425	40.000	Sft
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	35,000.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,500.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	35,000.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	18,500.000	Ft
0260	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0270	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0280	Channelizing Device, 42 inch, Furn	8120030	340.000	Ea

0290	Channelizing Device, 42 inch, Oper	8120031	340.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0340	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	1,042.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	1,042.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Slope Restoration, Type B	8160101	7,500.000	Syd
0390	Monument Preservation	8210010	2.000	Ea
0400	_ Cold-In-Place Emulsified Asphalt	8507022	50,400.000	Gal



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Schedule of Pay Items

Report v1

Letting Call: 200306 015**Letting Date:** March 6, 2020**Contract ID:** 31000-207996

Description: 0.99 mi of hot mix asphalt reconstruction, aggregate base, culverts, sewer, drainage, earth work and pavement markings on Coal Dock Road north of M-26, Houghton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207996A	20A0274	N/A	ER 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.380	Acre
0030	Culv, Rem, Less than 24 inch	2030001	15.000	Ea
0040	Curb and Gutter, Rem	2040020	95.000	Ft
0050	Embankment, CIP	2050010	1,900.000	Cyd
0060	Excavation, Earth	2050016	3,600.000	Cyd
0070	Excavation, Rock	2050018	500.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	90.000	Ft
0090	Erosion Control, Silt Fence	2080036	750.000	Ft
0100	Subbase, CIP	3010002	1,380.000	Cyd
0110	Aggregate Base	3020001	1,950.000	Ton
0120	Approach, CI II	3070021	120.000	Ton
0130	Shoulder, CI II, 3 inch	3070125	1,025.000	Syd
0140	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0150	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0160	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0170	Culv, CI E, Conc, 36 inch	4010578	48.000	Ft
0180	Culv, CI F, CSP, 24 inch	4010678	310.000	Ft
0190	Sewer, CI E, 12 inch, Tr Det B	4020600	250.000	Ft
0200	Sewer, CI E, 15 inch, Tr Det B	4020601	1,053.000	Ft
0210	Sewer, CI E, 18 inch, Tr Det B	4020602	56.000	Ft
0220	Sewer, CI II, 24 inch, Tr Det A	4020723	427.000	Ft
0230	Video Taping Sewer and Culv Pipe	4021275	1,794.000	Ft
0240	Dr Structure Cover, Type C	4030015	16.000	Ea
0250	Dr Structure Cover, Type E	4030035	5.000	Ea
0260	Dr Structure, 24 inch dia	4030200	8.000	Ea
0270	Dr Structure, 48 inch dia	4030210	13.000	Ea

0280	HMA Surface, Rem	5010005	6,750.000	Syd
0290	HMA, 4E1	5010050	605.000	Ton
0300	HMA, 5E1	5010056	605.000	Ton
0310	HMA Approach	5010061	40.000	Ton
0320	Curb and Gutter, Conc, Det D2	8020031	2,410.000	Ft
0330	Spillway, Conc	8020075	10.000	Ft
0340	Curb Sloped, HMA	8050010	30.000	Ft
0350	Post, Steel, 3 lb	8100371	42.000	Ft
0360	Sign, Type IIIA	8100404	13.000	Sft
0370	Sign, Type IIIB	8100405	9.000	Sft
0380	Pavt Mrkg, Polyurea, 4 inch, White	8110091	10,500.000	Ft
0390	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	10,500.000	Ft
0400	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	16.000	Ft
0410	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0470	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	244.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	244.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Riprap, Plain	8130011	490.000	Ton
0520	_ Slope Resoration, Modified	8167011	10,000.000	Syd
0530	Contractor Staking	8240001	1.000	LSUM
0540	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0550	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0560	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 200306 016

Letting Date: March 6, 2020

Contract ID: 17000-206116

Description: 1.69 mi of hot mix asphalt cold milling and resurfacing, earthwork, drainage, signing and pavement markings on Democrat/Ontario Street from Spring Bay Road to Elizabeth Street in the village of Detour, Chippewa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206116A	20A0246	N/A	STL 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$68,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Guardrail, Rem	2040035	28.000	Ft
0060	Pavt, Rem	2040050	34.000	Syd
0070	Sidewalk, Rem	2040055	153.000	Syd
0080	Ditch Cleanout	2050006	6.000	Sta
0090	Embankment, CIP	2050010	200.000	Cyd
0100	Excavation, Earth	2050016	1,288.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0120	Erosion Control, Check Dam, Stone	2080012	460.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0140	Erosion Control, Inlet Protection, Sediment Trap	2080024	23.000	Ea
0150	Subbase, CIP	3010002	477.000	Cyd
0160	Aggregate Base, 8 inch	3020020	1,502.000	Syd
0170	Aggregate Surface Cse	3060006	50.000	Ton
0180	Maintenance Gravel	3060020	50.000	Ton
0190	Shoulder, CI II	3070121	533.000	Ton
0200	Trenching	3070200	100.000	Sta
0210	Geotextile, Stabilization	3080010	128.000	Syd
0220	Culv End Sect, 15 inch	4010015	2.000	Ea
0230	Culv, CI A, 15 inch	4010132	24.000	Ft
0240	Dr Structure Cover, Adj, Case 1	4030005	36.000	Ea
0250	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0260	Dr Structure Cover, Type B	4030010	10.000	Ea
0270	Dr Structure Cover, Type D	4030025	16.000	Ea

0280	Dr Structure Cover, Type G	4030040	1.000	Ea
0290	Dr Structure Cover, Type Q	4030065	11.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0310	Cold Milling HMA Surface	5010002	14,421.000	Syd
0320	HMA Surface, Rem	5010005	2,843.000	Syd
0330	Hand Patching	5010025	15.000	Ton
0340	HMA Approach	5010061	231.000	Ton
0350	HMA, LVSP	5010703	3,700.000	Ton
0360	Detectable Warning Surface	8030010	109.000	Ft
0370	Sidewalk Ramp, Conc, 4 inch	8030034	1,144.000	Sft
0380	Sidewalk, Conc, 4 inch	8030044	739.000	Sft
0390	Curb Sloped, HMA	8050010	4,798.000	Ft
0400	Post, Steel, 3 lb	8100371	606.000	Ft
0410	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0420	Sign, Type III, Rem	8100403	68.000	Ea
0430	Sign, Type IIIA	8100404	173.000	Sft
0440	Sign, Type IIIB	8100405	144.000	Sft
0450	Sign, Type V, Rem	8100421	2.000	Ea
0460	Sign, Type VB	8100425	16.000	Sft
0470	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	87.000	Ft
0480	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	16,927.000	Ft
0490	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	16,044.000	Ft
0500	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	526.000	Ft
0510	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	16,927.000	Ft
0520	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	16,044.000	Ft
0530	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	526.000	Ft
0540	Protective Ovly, Snowmobile Trail Crossing	8110550	97.000	Syd
0550	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0560	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0640	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	16.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	16.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	Riprap, Plain	8130010	36.000	Syd
0680	_ Turf Establishment, Performance	8167011	5,000.000	Syd
0690	Monument Box Adjust	8210005	1.000	Ea
0700	Gate Box, Adj, Case 1	8230431	12.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 017**Letting Date:** March 6, 2020**Contract ID:** 17000-206119

Description: 2.00 mi of hot mix asphalt crushing, shaping, resurfacing and sloped curb, aggregate shoulders and pavement markings on Ranger Road from Plantation Road to Lakeshore Drive, Chippewa County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206119A	20A0244	N/A	STL 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,200.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	795.000	Syd
0030	HMA Base Crushing and Shaping	3050002	30,577.000	Syd
0040	Approach, CI I	3070001	68.000	Ton
0050	Approach, CI II	3070021	68.000	Ton
0060	Shoulder, CI II	3070121	1,000.000	Ton
0070	HMA, 4E1	5010050	3,363.000	Ton
0080	HMA Approach	5010061	82.000	Ton
0090	Saw Cut, Intermediate	6030090	350.000	Ft
0100	Curb Sloped, HMA	8050010	2,000.000	Ft
0110	Post, Mailbox	8070095	27.000	Ea
0120	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	12.000	Ft
0130	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	20,800.000	Ft
0140	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	13,044.000	Ft
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,500.000	Ft
0190	Plastic Drum, High Intensity, Furn	8120250	101.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	101.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	312.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	312.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	Riprap, Plain	8130011	20.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 200306 018**Letting Date:** March 6, 2020**Contract ID:** 51000-202419**Description:** Bridge rehabilitation including epoxy overlay, concrete patching, bridge railing and joints on High Bridge Road over Big Manistee River, Manistee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202419A	20A0297	N/A	BHT 51000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$26,100.00	1500001	1.000	LSUM
0020	_ MCRC Guardrail Anch, Bridge, Det T3, Modified	8077050	1.000	Ea
0030	Pavt Mrkg, Waterborne, 4 inch, White	8110231	858.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	858.000	Ft
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	421.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	421.000	Sft
Section: 2				
0100	Conc, Grade D	7060010	28.000	Cyd
0110	Expansion Joint Device	7060050	83.000	Ft
0120	False Decking	7060060	4,162.000	Sft
0130	Reinforcement, Steel, Epoxy Coated	7060092	5,995.000	Lb
0140	_ Silane Treatment	7107010	1,050.000	Sft
0150	_ Bridge Railing, Open Parapet Type, Reconst Portions	7117001	80.000	Ft
0160	Hand Chipping, Deep	7120004	140.000	Syd
0170	Patch, Forming	7120017	112.000	Sft
0180	Epoxy Ovly	7120020	1,879.000	Syd
0190	Structures, Rehabilitation, Rem Portions (SN 6451)	7120070	1.000	LSUM
0200	Deck Joint, Rem	7120071	83.000	Ft
0210	Flushing Cracks, Water	7120098	6.000	Ft
0220	Structural Crack, Repr	7120099	6.000	Ft
0230	_ Hand Chipping, Full Depth	7127020	30.000	Cft



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Schedule of Pay Items

Report v1

Letting Call: 200306 019**Letting Date:** March 6, 2020**Contract ID:** 27000-207589

Description: 3.00 mi of hot mix asphalt shared use path, improve drainage, new benches, trash receptacles, signing and ADA ramps on Gogebic County Iron Belle Trail from Moore Street to Ramsay Road in the city of Bessemer, Gogebic County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207589A	20A0234	N/A	TAL 27000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$115,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	9.000	Acre
0030	Thinning, Selective, Type II	2010006	1.000	Acre
0040	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0050	Ditch Cleanout	2050006	5.000	Sta
0060	Embankment, CIP	2050010	5,596.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	185.000	Cyd
0080	_ Ditching, Modified	2057001	1,005.000	Ft
0090	_ Excavation, Earth, Modified	2057021	7,082.000	Cyd
0100	Erosion Control, Silt Fence	2080036	5,614.000	Ft
0110	Subbase, CIP	3010002	3,294.000	Cyd
0120	Aggregate Base, LM	3020002	232.000	Cyd
0130	Aggregate Base, 3 inch	3020008	3,859.000	Syd
0140	Aggregate Base, 6 inch	3020016	7,624.000	Syd
0150	Aggregate Base, 8 inch	3020020	8,891.000	Syd
0160	Geotextile, Separator	3080005	500.000	Syd
0170	Culv End Sect, 18 inch	4010018	20.000	Ea
0180	Culv, CI A, CSP, 12 inch	4010199	396.000	Ft
0190	Culv, CI A, CSP, 18 inch	4010201	380.000	Ft
0200	Culv, CI A, CSP, 36 inch	4010204	40.000	Ft
0210	_ Haul Road Crossing	6027011	68.000	Syd
0220	Sidewalk Ramp, Conc, 6 inch	8030036	917.000	Sft
0230	Sidewalk, Conc, 4 inch	8030044	772.000	Sft
0240	_ Detectable Warning Surface, Cast Iron, Special	8037001	100.000	Ft
0250	Shared use Path, HMA	8060040	2,424.000	Ton
0260	_ Shared Use Path, Grading, Modified	8067001	4,402.000	Ft
0270	_ Fence, Chain Link, 72 inch, Special	8087001	375.000	Ft

0280	Post, Steel, 3 lb	8100371	456.000	Ft
0290	Sign, Type IIIA	8100404	44.000	Sft
0300	Sign, Type IIIB	8100405	222.000	Sft
0310	_ Trail Mile Marker	8107050	6.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	257.000	Ft
0330	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0340	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0350	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	60.000	Ft
0390	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0430	Riprap, Heavy	8130005	15.000	Syd
0440	Riprap, Plain	8130010	45.000	Syd
0450	_ ADA Picnic Table	8157050	2.000	Ea
0460	_ Bench, Surface Mount	8157050	3.000	Ea
0470	_ Trash Receptacle, Combination Recycling Unit	8157050	2.000	Ea
0480	_ Slope Restoration, Type A, Modified	8167011	7,329.000	Syd
0490	_ Slope Restoration, Type B, Modified	8167011	20,786.000	Syd
0500	_ Slope Restoration, Type C, Modified	8167011	5,768.000	Syd
0510	_ Slope Restoration, Type D, Modified	8167011	3,305.000	Syd
0520	Contractor Staking	8240001	1.000	LSUM
0530	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0540	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0550	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr
0560	_ Interpretive Sign, Type 1	8507050	1.000	Ea
0570	_ Interpretive Sign, Type 2	8507050	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 020**Letting Date:** March 6, 2020**Contract ID:** 27000-130997-2

Description: 0.44 mi of hot mix asphalt base crushing and shaping, shared use path, aggregate shoulder and guardrail along Thousand Island Lake Road south of US-2, Gogebic County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130997A	FLAP041	N/A	FLAP 27000
209145A	20A0270	N/A	STL 27000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$97,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0030	Guardrail, Rem	2040035	450.000	Ft
0040	_ Stream Bedding, Special	2057011	171.000	Syd
0050	_ Embankment, CIP, Modified	2057021	4,200.000	Cyd
0060	_ Excavation, Earth, Modified	2057021	3,400.000	Cyd
0070	Erosion Control, Silt Fence	2080036	150.000	Ft
0080	_ Bypass Pumping	2087050	1.000	Ea
0090	_ Construction Dam	2087050	1.000	Ea
0100	Subbase, CIP	3010002	190.000	Cyd
0110	Aggregate Base, 4 inch	3020010	5,435.000	Syd
0120	Aggregate Base, 8 inch	3020020	520.000	Syd
0130	HMA Base Crushing and Shaping	3050002	8,260.000	Syd
0140	Material, Surplus and Unsuitable, Rem, LM	3050010	100.000	Cyd
0150	Shoulder, CI II, 3 inch	3070125	1,033.000	Syd
0160	Trenching	3070200	47.000	Sta
0170	Geotextile, Stabilization	3080010	590.000	Syd
0180	Trench Undercut and Backfill	4021260	90.000	Cyd
0190	Culv Bedding, Box Culv	4060005	90.000	Cyd
0200	_ Culv, Precast Conc Box, 12 foot by 6 foot, Modified	4067001	128.000	Ft
0210	HMA Surface, Rem	5010005	310.000	Syd
0220	HMA, LVSP	5010703	1,193.000	Ton
0230	Guardrail, Type B	8070000	375.000	Ft
0240	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0250	Guardrail Reflector	8070080	20.000	Ea
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	10.000	Ea
0320	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Riprap, Heavy	8130005	720.000	Syd
0370	Slope Restoration, Type C	8160102	380.000	Syd
0380	_ Slope Resotation Modified	8167001	2,323.000	Ft



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 021**Letting Date:** March 6, 2020**Contract ID:** 73000-130442

Description: 2.10 mi of hot mix asphalt reconstruction, concrete curb and gutter, ditching, culverts, storm sewer, signing and pavement markings on Davis Road From Tittabawassee Road to Pierce Road, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130442A	20A0358	N/A	STUL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$475,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	25.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	6.000	Ea
0040	Culv, Rem, Over 48 inch	2030003	7.000	Ea
0050	Culv, End, Rem, Over 48 inch	2030007	2.000	Ea
0060	Dr Structure, Rem	2030011	10.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	2,629.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	41.000	Ft
0090	Sewer, Rem, Over 48 inch	2030017	60.000	Ft
0100	Curb and Gutter, Rem	2040020	316.000	Ft
0110	Guardrail, Rem	2040035	241.000	Ft
0120	Masonry and Conc Structure, Rem	2040045	35.000	Cyd
0130	Pavt, Rem	2040050	241.000	Syd
0140	Sidewalk, Rem	2040055	46.000	Syd
0150	Structures, Rem	2040060	1.000	LSUM
0160	Embankment, CIP	2050010	20,703.000	Cyd
0170	Excavation, Earth	2050016	53,879.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	2,000.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0200	_ Ditching, Modified	2057002	8.000	Sta
0210	Erosion Control, Check Dam, Stone	2080012	175.000	Ft
0220	Erosion Control, Inlet Protection, Fabric Drop	2080020	26.000	Ea
0230	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0240	Erosion Control, Sediment Basin	2080032	14.000	Cyd
0250	Erosion Control, Sediment Trap	2080034	12.000	Ea
0260	Erosion Control, Silt Fence	2080036	500.000	Ft
0270	Subbase, CIP	3010002	17,136.000	Cyd

0280	_ Aggregate Base, 8 inch, Modified	3027011	45,395.000	Syd
0290	Maintenance Gravel	3060020	500.000	Ton
0300	_ Trenching, Modified	3077002	9.000	Sta
0310	_ Approach, CI I, 8 inch, Modified	3077011	2,888.000	Syd
0320	_ Approach, CI II, 6 inch, Modified	3077011	946.000	Syd
0330	_ Shoulder, CI II, 4 inch, Modified	3077011	8,079.000	Syd
0340	Culv End Sect, 12 inch	4010012	79.000	Ea
0350	Culv End Sect, 15 inch	4010015	2.000	Ea
0360	Culv End Sect, 18 inch	4010018	5.000	Ea
0370	Culv End Sect, 24 inch	4010024	1.000	Ea
0380	Culv, CI A, 24 inch	4010134	8.000	Ft
0390	Culv, CI E, Conc, 15 inch	4010574	16.000	Ft
0400	Culv, CI E, Conc, 42 inch	4010579	152.000	Ft
0410	Culv, CI F, CSP, 12 inch	4010675	1,788.000	Ft
0420	Culv, CI F, CSP, 18 inch	4010677	24.000	Ft
0430	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0440	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	3.000	Ea
0450	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0460	Culv, Slp End Sect, 1 on 4, 42 inch, Longit	4010931	2.000	Ea
0470	_ Culv, CSP Arch, CI E, 142 inch by 91 inch, Modified	4017001	116.000	Ft
0480	_ Culv, CSP Arch, CI F, 128 inch by 83 inch, Modified	4017001	285.000	Ft
0490	Sewer, CI A, 12 inch, Tr Det B	4020033	515.000	Ft
0500	Sewer, CI A, 15 inch, Tr Det B	4020034	217.000	Ft
0510	Sewer, CI A, 18 inch, Tr Det B	4020035	1,437.000	Ft
0520	Sewer, CI A, 24 inch, Tr Det B	4020036	1,109.000	Ft
0530	Sewer, CI A, 54 inch, Tr Det B	4020041	62.000	Ft
0540	Sewer, CI IV, 24 inch, Tr Det B	4020993	176.000	Ft
0550	Sewer Tap, 12 inch	4021204	1.000	Ea
0560	Sewer Tap, 24 inch	4021207	1.000	Ea
0570	Sewer Bulkhead, 36 inch	4021237	1.000	Ea
0580	Sewer Bulkhead, 48 inch	4021239	6.000	Ea
0590	Video Taping Sewer and Culv Pipe	4021275	5,975.000	Ft
0600	_ Sump Pump Lead and Drain Tile Connection	4027001	174.000	Ft
0610	_ Sewer Cap, 60 inch, with 24 inch Hole	4027050	2.000	Ea
0620	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0630	Dr Structure Cover, Adj, Case 2	4030006	25.000	Ea
0640	Dr Structure Cover, Type B	4030010	7.000	Ea
0650	Dr Structure Cover, Type J	4030045	1.000	Ea
0660	Dr Structure Cover, Type K	4030050	2.000	Ea
0670	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0680	Dr Structure, Tap, 6 inch	4030306	3.000	Ea
0690	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0700	Dr Structure, Tap, 54 inch	4030354	1.000	Ea
0710	_ Dr Structure Cover, Type DG	4037050	15.000	Ea
0720	_ Dr Structure, 36 inch dia, Modified	4037050	3.000	Ea

0730	_ Dr Structure, 48 inch dia, Modified	4037050	20.000	Ea
0740	_ Dr Structure, 60 inch dia, Modified	4037050	1.000	Ea
0750	_ Dr Structure, 84 inch dia, Modified	4037050	1.000	Ea
0760	_ Manhole Cover, Collar	4037050	2.000	Ea
0770	Underdrain, Subbase, 6 inch	4040063	19,812.000	Ft
0780	Underdrain, Subgrade, 6 inch	4040073	600.000	Ft
0790	Underdrain Outlet, 6 inch	4040093	500.000	Ft
0800	Underdrain, Outlet Ending, 6 inch	4040113	44.000	Ea
0810	_ Culv, Precast Conc Box, 14 foot by 7 foot, Modified	4067001	70.000	Ft
0820	Cold Milling HMA Surface	5010002	5,717.000	Syd
0830	HMA Surface, Rem	5010005	25,433.000	Syd
0840	Hand Patching	5010025	9.000	Ton
0850	HMA Approach	5010061	683.000	Ton
0860	HMA, LVSP	5010703	8,246.000	Ton
0870	Conc, Grade P1	6020030	60.000	Cyd
0880	Curb and Gutter, Conc, Det B2	8020016	677.000	Ft
0890	Curb and Gutter, Conc, Det F4	8020038	352.000	Ft
0900	Driveway Opening, Conc, Det M	8020050	77.000	Ft
0910	Detectable Warning Surface	8030010	40.000	Ft
0920	Curb Ramp Opening, Conc	8030030	25.000	Ft
0930	Sidewalk Ramp, Conc, 6 inch	8030036	389.000	Sft
0940	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0950	Post, Mailbox	8070095	23.000	Ea
0960	Post, Steel, 3 lb	8100371	1,201.000	Ft
0970	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0980	Sign, Type III, Rem	8100403	65.000	Ea
0990	Sign, Type IIIA	8100404	137.000	Sft
1000	Sign, Type IIIB	8100405	255.000	Sft
1010	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
1020	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
1030	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	144.000	Ft
1040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	104.000	Ft
1050	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	29.000	Ft
1060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
1070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,943.000	Ft
1080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,777.000	Ft
1090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	19,943.000	Ft
1100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,777.000	Ft
1110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	28.000	Ea
1120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	28.000	Ea
1130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1150	Minor Traf Devices	8120170	1.000	LSUM

1160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	875.000	Ft
1170	Plastic Drum, High Intensity, Furn	8120250	280.000	Ea
1180	Plastic Drum, High Intensity, Oper	8120251	280.000	Ea
1190	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	875.000	Ft
1200	Sign Cover	8120310	55.000	Ea
1210	Sign, Type B, Temp, Prismatic, Furn	8120350	1,400.000	Sft
1220	Sign, Type B, Temp, Prismatic, Oper	8120351	1,400.000	Sft
1230	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	456.000	Sft
1240	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	456.000	Sft
1250	Traf Regulator Control	8120370	1.000	LSUM
1260	Riprap, Plain	8130010	350.000	Syd
1270	_ Grass Spillway	8167001	100.000	Ft
1280	_ Turf Establishment, Performance, Modified	8167011	53,000.000	Syd
1290	Monument Box	8210001	5.000	Ea
1300	Monument Preservation	8210010	5.000	Ea
1310	Hydrant, Rem	8230091	1.000	Ea
1320	Water Main, 12 inch, Cut and Plug	8230134	1.000	Ea
1330	Water Main, 16 inch, Cut and Plug	8230135	1.000	Ea
1340	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
1350	Water Shutoff, Adj, Case 2	8230422	26.000	Ea
1360	Gate Box, Adj, Case 1	8230431	7.000	Ea
1370	Gate Box, Adj, Case 2	8230432	17.000	Ea
1380	_ Water Main, 12 inch, PVC, Tr Det G	8237001	555.000	Ft
1390	_ Water Main, 12 inch, Rem	8237001	427.000	Ft
1400	_ Water Main, 16 inch, Rem	8237001	113.000	Ft
1410	_ Water Main, 36 inch, Rem	8237001	7,919.000	Ft
1420	_ Water Main, 48 inch, Rem	8237001	164.000	Ft
1430	_ Water Main, 6 inch, PVC, Tr Det G	8237001	80.000	Ft
1440	_ Actuator, Salv	8237050	1.000	Ea
1450	_ Air Relief Structure Over 6 foot, Rem	8237050	1.000	Ea
1460	_ Air Relief Structure, Rem	8237050	4.000	Ea
1470	_ Blowoff, Rem	8237050	5.000	Ea
1480	_ Butterfly Valve and Actuator, Salv	8237050	1.000	Ea
1490	_ Butterfly Valve and Structure Over 6 foot, Rem	8237050	1.000	Ea
1500	_ Butterfly Valve, Rem	8237050	4.000	Ea
1510	_ Butterfly Valve, Salv	8237050	2.000	Ea
1520	_ Connection to Existing 12 inch Water Main	8237050	3.000	Ea
1530	_ Connection to Existing 6 inch Water Main	8237050	1.000	Ea
1540	_ Fire Hydrant, Complete	8237050	1.000	Ea
1550	_ Gate Valve and Box, 12 inch	8237050	4.000	Ea
1560	_ Gate Valve and Box, 6 inch	8237050	1.000	Ea
1570	_ Gate Valve, Rem	8237050	2.000	Ea
1580	_ Vault, Abandon	8237050	1.000	Ea

1590	_ Water Main, 48 inch, Cut and Plug	8237050	1.000	Ea
1600	_ Flowable Fill	8267021	1,627.000	Cyd
1610	_ Bollard, 5 post	8507050	1.000	Ea



1/31/2020 11:12 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 022**Letting Date:** March 6, 2020**Contract ID:** 37013-130105

Description: 6.05 mi of hot mix asphalt cold milling and two course overlay, joint repairs, guardrail upgrades, structure underclearance improvements, signing, bridge rehabilitation of 3 structures including deck replacement, pin and hanger replacement, full painting, substructure repair and pavement markings on US-127 from US-127BR northerly to M-20, and on US-127BR from US-127 to Bluegrass Road, Isabella County. This project includes a 5 year materials and workmanship pavement warranty, 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
130105A	20A0296	N/A	NH 37013
130237A	20A0295	N/A	NH 37013
202227A	20A0299	N/A	NH 37013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,312,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.120	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0050	Dr Structure, Rem	2030011	2.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	119.000	Ft
0070	Curb and Gutter, Rem	2040020	1,500.000	Ft
0080	Fence, Rem	2040025	710.000	Ft
0090	Guardrail, Rem	2040035	13,340.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	25.000	Cyd
0110	Pavt, Rem	2040050	10,640.000	Syd
0120	Sidewalk, Rem	2040055	230.000	Syd
0130	Ditch Cleanout	2050006	453.000	Sta
0140	Embankment, CIP	2050010	12,395.000	Cyd
0150	Excavation, Earth	2050016	112,055.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	400.000	Cyd
0170	Subgrade Undercutting, Type I	2050040	2,000.000	Cyd
0180	Subgrade Undercutting, Type II	2050041	4,000.000	Cyd
0190	Erosion Control, Check Dam, Stone	2080012	3,764.000	Ft
0200	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0210	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0220	Erosion Control, Inlet Protection, Sediment Trap	2080024	11.000	Ea
0230	Erosion Control, Maintenance, Sediment Removal	2080026	140.000	Cyd

0240	Erosion Control, Sediment Basin	2080032	40.000	Cyd
0250	Erosion Control, Sediment Trap	2080034	189.000	Ea
0260	Erosion Control, Silt Fence	2080036	5,411.000	Ft
0270	_ Erosion Control, Check Dam, Stone, Special	2087001	140.000	Ft
0280	Subbase, CIP	3010002	30,560.000	Cyd
0290	Aggregate Base, 6 inch	3020016	23,902.000	Syd
0300	_ Aggregate Base, 7.5 inch	3027011	10,085.000	Syd
0310	Shoulder, CI II	3070121	24.000	Ton
0320	Shoulder, CI II, 3 inch	3070125	30,100.000	Syd
0330	Shoulder, CI II, 5 inch	3070127	1,240.000	Syd
0340	Shoulder, CI II, 6 inch	3070128	4,960.000	Syd
0350	Shoulder, CI II, 5 inch, Temp	3070182	3,030.000	Syd
0360	Culv End Sect, 18 inch	4010018	10.000	Ea
0370	Culv End Sect, Salv, 30 inch or less	4010119	4.000	Ea
0380	Culv, CI A, 18 inch	4010133	499.000	Ft
0390	Dr Marker Post	4011109	17.000	Ea
0400	Sewer, CI A, 12 inch, Tr Det B	4020033	236.000	Ft
0410	Video Taping Sewer and Culv Pipe	4021275	737.000	Ft
0420	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0430	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0440	Dr Structure Cover, Type B	4030010	6.000	Ea
0450	Dr Structure Cover, Type CX	4030020	5.000	Ea
0460	Dr Structure Cover, Type RX	4030075	4.000	Ea
0470	Dr Structure, 48 inch dia	4030210	13.000	Ea
0480	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	29.000	Ft
0490	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0500	Underdrain, Subbase, 6 inch	4040063	15,800.000	Ft
0510	Underdrain Outlet, 6 inch	4040093	1,590.000	Ft
0520	Underdrain, Outlet Ending, 6 inch	4040113	58.000	Ea
0530	_ Video Inspection of Underdrain	4047001	15,800.000	Ft
0540	Cold Milling HMA Surface	5010002	177,050.000	Syd
0550	HMA Surface, Rem	5010005	35,280.000	Syd
0560	HMA Quality Initiative	5010007	104,658.000	Dlr
0570	Pavt for Butt Joints, Rem	5010008	2,250.000	Syd
0580	Longitudinal Joint Density Quality Initiative	5010018	310,086.000	Dlr
0590	Pavt Joint and Crack Repr, Det 8	5010021	1,730.000	Ft
0600	Hand Patching	5010025	665.000	Ton
0610	HMA, 3E3	5010045	4,376.000	Ton
0620	HMA, 4E1	5010050	10,138.000	Ton
0630	HMA, 4E3	5010051	16,813.000	Ton
0640	HMA, 5E1	5010056	7,317.000	Ton
0650	HMA, 5E3	5010057	11,294.000	Ton
0660	HMA Approach	5010061	1,726.000	Ton
0670	HMA, Temp Pavt (3E3)	5010804	766.000	Ton

0680	HMA, Temp Pavt (4E3)	5010805	766.000	Ton
0690	HMA, Temp Pavt (5E3)	5010806	576.000	Ton
0700	_ Ride Incentive	5017060	70,500.000	Dlr
0710	Joint, Contraction, Cp	6020200	600.000	Ft
0720	Joint, Expansion, E3	6020208	320.000	Ft
0730	Conc Quality Initiative	6020401	230.000	Dlr
0740	Cement	6030005	20.000	Ton
0750	Joint, Contraction, Crg	6030020	600.000	Ft
0760	Lane Tie, Epoxy Anchored	6030030	600.000	Ea
0770	Non-Chloride Accelerator	6030035	500.000	Gal
0780	Pavt Repr, Nonreinf Conc, 9 inch	6030046	800.000	Syd
0790	Pavt Repr, Rem	6030080	800.000	Syd
0800	Saw Cut, Intermediate	6030090	1,800.000	Ft
0810	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	820.000	Syd
0820	Conc, Grade S2	7060011	7.000	Cyd
0830	Reinforcement, Steel, Culv and Headwall	7060091	238.000	Lb
0840	Curb and Gutter, Bridge Approach	8020010	330.000	Ft
0850	Curb and Gutter, Conc, Det B2	8020016	730.000	Ft
0860	Curb and Gutter, Conc, Det D2	8020031	1,350.000	Ft
0870	Shoulder Gutter, Conc, Det 2	8020056	9.000	Ea
0880	Valley Gutter, Conc	8020060	670.000	Ft
0890	Spillway, Conc	8020075	89.000	Ft
0900	_ Sidewalk, Conc, 7 inch, Decorative	8037010	1,822.000	Sft
0910	Conc Barrier, Single Face, Type A	8040001	408.000	Ft
0920	Guardrail, Type MGS-8	8070004	11,941.000	Ft
0930	Guardrail, Type T, Temp	8070007	13.000	Ft
0940	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0950	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
0960	Guardrail Approach Terminal, Type 2M	8070044	20.000	Ea
0970	Guardrail Approach Terminal, Type 1T, Temp	8070046	1.000	Ea
0980	Guardrail Departing Terminal, Type MGS	8070052	14.000	Ea
0990	Guardrail Reflector	8070080	288.000	Ea
1000	Guardrail Anch, Bridge, Det M1	8070130	13.000	Ea
1010	Fence, Woven Wire with Steel Post	8080002	90.000	Ft
1020	Fence, Chain Link, 48 inch	8080011	620.000	Ft
1030	Bridge Sign Connection, Bolt Replacement	8100020	6.000	Ea
1040	Bridge Sign Connection, Conc, Type A1	8100031	3.000	Ea
1050	Bridge Sign Connection, Type A, Rem	8100080	3.000	Ea
1060	Delineator Reflector, Red	8100131	22.000	Ea
1070	Delineator Reflector, Yellow	8100132	91.000	Ea
1080	Delineator Reflector, Green	8100133	42.000	Ea
1090	Delineator Reflector, White	8100134	281.000	Ea
1100	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	10.000	Ea
1110	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	11.000	Ea

1120	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	33.000	Ea
1130	Fdn, Wood Support, Rem	8100280	27.000	Ea
1140	Perforated Steel Square Tube Breakaway System	8100330	9.000	Ea
1150	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	10.000	Ea
1160	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
1170	Delineator, Rem	8100349	417.000	Ea
1180	Post, Flexible, Delineator	8100360	44.000	Ea
1190	Post, Rigid, Delineator	8100361	408.000	Ea
1200	Post, Steel, 3 lb	8100371	2,153.000	Ft
1210	Post, Wood, 4 inch by 6 inch	8100380	280.000	Ft
1220	Post, Wood, 6 inch by 8 inch	8100382	224.000	Ft
1230	Sign, Type I, Erect, Salv	8100390	3.000	Ea
1240	Sign, Type I, Rem	8100391	3.000	Ea
1250	Sign, Type II, Erect, Salv	8100396	31.000	Ea
1260	Sign, Type II, Rem	8100397	39.000	Ea
1270	Sign, Type IIB	8100399	140.000	Sft
1280	Sign, Type III, Erect, Salv	8100402	137.000	Ea
1290	Sign, Type III, Rem	8100403	132.000	Ea
1300	Sign, Type IIIA	8100404	30.000	Sft
1310	Sign, Type VA	8100424	9.000	Sft
1320	Sign, Type VB	8100425	48.000	Sft
1330	Reflective Panel for Permanent Sign Support, 3 foot	8100613	18.000	Ea
1340	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
1350	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	537.000	Ft
1360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	245.000	Ft
1370	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
1380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	20.000	Ea
1390	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	7.000	Ea
1400	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	13.000	Ea
1410	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	3.000	Ea
1420	Rem Spec Mrkg	8110343	1,043.000	Sft
1430	Recessing Pavt Mrkg, Longit	8110450	139,341.000	Ft
1440	Pavt Mrkg, Wet Retrflc Polyurea, 4 inch, White	8110500	19,532.000	Ft
1450	Pavt Mrkg, Wet Retrflc Polyurea, 6 inch, White	8110501	63,399.000	Ft
1460	Pavt Mrkg, Wet Retrflc Polyurea, 12 inch, White	8110503	1,323.000	Ft
1470	Pavt Mrkg, Wet Retrflc Polyurea, 4 inch, Yellow	8110504	5,000.000	Ft
1480	Pavt Mrkg, Wet Retrflc Polyurea, 6 inch, Yellow	8110505	61,767.000	Ft
1490	Barricade, Type III, High Intensity, Lighted, Furn	8120022	16.000	Ea
1500	Barricade, Type III, High Intensity, Lighted, Oper	8120023	16.000	Ea
1510	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	5.000	Ea
1520	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	5.000	Ea
1530	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	19.000	Ea

1540	Conc Barrier, Temp, Adj	8120080	7,460.000	Ft
1550	Conc Barrier, Temp, Furn	8120081	7,390.000	Ft
1560	Conc Barrier, Temp, Oper	8120082	7,390.000	Ft
1570	Conc Barrier, Temp, Relocated	8120083	1,350.000	Ft
1580	Delineator, Flexible, Temp, Furn	8120091	50.000	Ea
1590	Delineator, Flexible, Temp, Oper	8120092	50.000	Ea
1600	High Intensity Light, Type B, Furn	8120110	7.000	Ea
1610	High Intensity Light, Type B, Oper	8120111	7.000	Ea
1620	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1630	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1640	Ltg for Night Work	8120160	1.000	LSUM
1650	Minor Traf Devices	8120170	1.000	LSUM
1660	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	47,329.000	Ft
1670	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	45.000	Ft
1680	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	16,789.000	Ft
1690	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	16,789.000	Ft
1700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	25,209.000	Ft
1710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	31,939.000	Ft
1720	Plastic Drum, Fluorescent, Furn	8120252	910.000	Ea
1730	Plastic Drum, Fluorescent, Oper	8120253	910.000	Ea
1740	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
1750	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	72.000	Ft
1760	Sign Cover	8120310	25.000	Ea
1770	Sign Cover, Type 1	8120320	4.000	Ea
1780	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
1790	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
1800	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
1810	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
1820	Sign, Type B, Temp, Prismatic, Furn	8120350	4,191.000	Sft
1830	Sign, Type B, Temp, Prismatic, Oper	8120351	4,191.000	Sft
1840	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	219.000	Sft
1850	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	219.000	Sft
1860	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	690.000	Ft
1870	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	690.000	Ft
1880	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	640.000	Ft
1890	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	640.000	Ft
1900	Conc Barrier, Temp, Limited Deflection, Det 2, Adj	8121102	640.000	Ft
1910	Riprap, Plain	8130010	336.000	Syd
1920	Slope Restoration, Type A	8160100	79,280.000	Syd
1930	Slope Restoration, Type B	8160101	68,640.000	Syd
1940	Slope Restoration, Type C	8160102	13,930.000	Syd

1950	Slope Restoration, Type D	8160103	160.000	Syd
1960	Shoulder Corrugations, Ground or Cut, HMA	8220001	81,360.000	Ft

Section: 2

1970	Asbestos Materials, Rem and Disposal	2040001	15,000.000	Dir
1980	_ Flowable Fill	2057021	2.000	Cyd
1990	Backfill, Structure, CIP	2060002	440.000	Cyd
2000	Excavation, Fdn	2060010	440.000	Cyd
2010	Bridge Ltg, Furn and Rem (S06 of 37013)	7060001	1.000	LSUM
2020	Bridge Ltg, Furn and Rem (S08-1 of 37013)	7060001	1.000	LSUM
2030	Bridge Ltg, Furn and Rem (S08-2 of 37013)	7060001	1.000	LSUM
2040	Bridge Ltg, Oper and Maintain	7060002	400.000	Cyd
2050	Expansion Joint Device	7060050	327.000	Ft
2060	False Decking	7060060	10,114.000	Sft
2070	Reinforcement, Steel, Epoxy Coated	7060092	134,721.000	Lb
2080	Superstructure Conc, Form, Finish, and Cure, Night Casting (S06 of 37013)	7060112	1.000	LSUM
2090	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08-1 of 37013)	7060112	1.000	LSUM
2100	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08-2 of 37013)	7060112	1.000	LSUM
2110	Superstructure Conc, Night Casting, High Performance	7060117	400.000	Cyd
2120	_ Insulation Board, 1 inch	7067010	425.000	Sft
2130	_ Conc, Deck Joint Replacement	7067021	36.000	Cyd
2140	Bushing	7070030	64.000	Ea
2150	Shear Developers (S06 of 37013)	7070040	1.000	LSUM
2160	Shear Developers (S08-1 of 37013)	7070040	1.000	LSUM
2170	Shear Developers (S08-2 of 37013)	7070040	1.000	LSUM
2180	Joint Waterproofing	7100001	498.000	Sft
2190	Conc Surface Coating, Warranty (S06 of 37013)	7100009	1.000	LSUM
2200	Conc Surface Coating, Warranty (S08-1 of 37013)	7100009	1.000	LSUM
2210	Conc Surface Coating, Warranty (S08-2 of 37013)	7100009	1.000	LSUM
2220	Substructure Horizontal Surface Sealer (S08-1 of 37013)	7100030	26.000	Syd
2230	Substructure Horizontal Surface Sealer (S08-2 of 37013)	7100030	21.000	Syd
2240	Bridge Railing, Aesthetic, Type 6, Det 2, High Performance	7110056	1,057.000	Ft
2250	Hand Chipping, Other Than Deck	7120007	417.000	Cft
2260	Patch, Forming	7120017	1,080.000	Sft
2270	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	156.000	Ea
2280	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	132.000	Ea
2290	Structures, Rehabilitation, Rem Portions (S06 of 37013)	7120070	1.000	LSUM
2300	Structures, Rehabilitation, Rem Portions (S08-1 of 37013)	7120070	1.000	LSUM
2310	Structures, Rehabilitation, Rem Portions (S08-2 of 37013)	7120070	1.000	LSUM

2320	Deck Joint, Rem	7120071	208.000	Ft
2330	Filler Wall Conc	7120087	33.000	Cyd
2340	Masonry Plate, Grout	7120090	2.000	Ea
2350	Top Flanges and Beam Ends, Clean and Coat	7120100	268.000	Syd
2360	Patching Conc, C-L	7120112	18.000	Cyd
2370	Embedded Galvanic Anode	7120120	968.000	Ea
2380	_ Placing and Finishing Polyester Polymer Conc Ovly	7127011	1,998.000	Syd
2390	_ Conc, Deck Surface Repr	7127021	3.000	Cyd
2400	_ Polyester Polymer Conc Ovly	7127021	42.000	Cyd
2410	Beam Plate, Seal Perimeter	7130010	20,400.000	Ft
2420	Cutting Beam Ends, Simple Span	7130020	18.000	Ea
2430	Hanger Assembly, Field Measurement	7130030	16.000	Ea
2440	Hanger Assembly, Rem and Erect	7130031	16.000	Ea
2450	Rocker, Realign	7130050	18.000	Ea
2460	Structural Steel, Furn and Fab, Pin and Hanger	7130070	3,119.000	Lb
2470	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	500.000	Lb
2480	Support, Column, Temp	7130080	45.000	Ea
2490	_ Beam Ends, Pin Plate Cutting	7137050	16.000	Ea
2500	Steel Structure, Cleaning, Type 4 (S06 of 37013)	7150045	1.000	LSUM
2510	Steel Structure, Cleaning, Type 4 (S08-1 of 37013)	7150045	1.000	LSUM
2520	Steel Structure, Cleaning, Type 4 (S08-2 of 37013)	7150045	1.000	LSUM
2530	Steel Structure, Coating, Type 4 (S06 of 37013)	7150046	1.000	LSUM
2540	Steel Structure, Coating, Type 4 (S08-1 of 37013)	7150046	1.000	LSUM
2550	Steel Structure, Coating, Type 4 (S08-2 of 37013)	7150046	1.000	LSUM
2560	Field Repair of Damaged Coating (S06 of 37013)	7160001	1.000	LSUM
2570	Slope Paving Header	8130015	547.000	Ft
2580	Slope Paving, Conc	8130020	702.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 200306 023

Letting Date: March 6, 2020

Contract ID: 31052-201248

Description: 9.64 mi of hot mix asphalt cold milling, resurfacing and widening, concrete curb and gutter, sidewalk ramps and pavement markings on M-41 from Quincy Street to Agent Street in the city of Hancock, Houghton County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201248A	20A0371	N/A	ST 31052
204419A	20A0376	N/A	ST 31052
209758A	20A0379	N/A	HSIP 31052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$567,600.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0050	Curb and Gutter, Rem	2040020	10,410.000	Ft
0060	Guardrail, Rem	2040035	88.000	Ft
0070	Sidewalk, Rem	2040055	74.000	Syd
0080	Embankment, CIP	2050010	1,910.000	Cyd
0090	Embankment, LM	2050011	200.000	Cyd
0100	Excavation, Earth	2050016	6,465.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0120	_ Ditching, Modified	2057001	250.000	Ft
0130	_ Berm Grading	2057002	17.000	Sta
0140	Obliterate Old Road	2070002	0.400	Acre
0150	Erosion Control, Check Dam, Stone	2080012	276.000	Ft
0160	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0170	Erosion Control, Inlet Protection, Fabric Drop	2080020	57.000	Ea
0180	Erosion Control, Inlet Protection, Sediment Trap	2080024	9.000	Ea
0190	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0200	Erosion Control, Sediment Trap	2080034	17.000	Ea
0210	Erosion Control, Silt Fence	2080036	508.000	Ft
0220	Subbase, CIP	3010002	265.000	Cyd
0230	Aggregate Base	3020001	5,273.000	Ton
0240	Approach, CI I	3070001	2,377.000	Ton
0250	Approach, CI II	3070021	340.000	Ton

0260	Shoulder, CI II	3070121	3,675.000	Ton
0270	Trenching	3070200	5.000	Sta
0280	Culv, CI A, Conc, 18 inch	4010167	100.000	Ft
0290	Culv, CI F, 18 inch	4010609	144.000	Ft
0300	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	4.000	Ea
0310	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	5.000	Ea
0320	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0330	Culv, Slp End Sect, 1 on 4, 27 inch, Transv	4010926	1.000	Ea
0340	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	8.000	Ea
0350	_ Culv Cleanout	4017001	935.000	Ft
0360	Sewer, CI A, 12 inch, Tr Det B	4020033	12.000	Ft
0370	Video Taping Sewer and Culv Pipe	4021275	38.000	Ft
0380	_ Slotted Drain, Galv, 12 inch	4027001	5.000	Ft
0390	Dr Structure Cover, Adj, Case 1	4030005	72.000	Ea
0400	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0410	Dr Structure Cover, Type B	4030010	3.000	Ea
0420	Dr Structure Cover, Type C	4030015	39.000	Ea
0430	Dr Structure Cover, Type G	4030040	1.000	Ea
0440	Dr Structure, 24 inch dia	4030200	1.000	Ea
0450	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0460	_ Dr Structure Repair, Add Depth, Composite Pavt	4037001	20.000	Ft
0470	_ Dr Structure Repair, Add Depth, Flexible Pavt	4037001	15.000	Ft
0480	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0490	_ Dr Structure Repair, Composite Pavt	4037050	12.000	Ea
0500	_ Dr Structure Repair, Flexible Pavt	4037050	9.000	Ea
0510	_ Dr Structure, Repr	4037050	32.000	Ea
0520	Cold Milling HMA Surface	5010002	222,977.000	Syd
0530	Bump Grinding	5010004	200.000	Syd
0540	HMA Surface, Rem	5010005	16,999.000	Syd
0550	HMA Quality Initiative	5010007	86,008.000	Dlr
0560	Longitudinal Joint Density Quality Initiative	5010018	281,552.000	Dlr
0570	Hand Patching	5010025	13.000	Ton
0580	HMA, 4E3	5010051	14,134.000	Ton
0590	HMA, 5E3	5010057	13,093.000	Ton
0600	HMA Approach	5010061	1,740.000	Ton
0610	HMA, LVSP	5010703	14,024.000	Ton
0620	_ Ride Incentive	5017060	61,085.000	Dlr
0630	Cold Milling Conc Pavt	6030014	300.000	Syd
0640	_ Pavt Sensor, Invasive Condition, Replacement	8007050	1.000	Ea
0650	_ Subsurface Temperature Probe Replacement	8007050	1.000	Ea
0660	Curb and Gutter, Conc, Det B2	8020016	308.000	Ft
0670	Curb and Gutter, Conc, Det D2	8020031	8,673.000	Ft
0680	Driveway Opening, Conc, Det M	8020050	415.000	Ft
0690	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0700	Spillway, Conc	8020075	5.000	Ft

0710	_ Curb and Gutter, Conc, Det D2, Modified	8027001	237.000	Ft
0720	Detectable Warning Surface	8030010	47.000	Ft
0730	Curb Ramp Opening, Conc	8030030	118.000	Ft
0740	Sidewalk Ramp, Conc, 6 inch	8030036	648.000	Sft
0750	Sidewalk, Conc, 4 inch	8030044	30.000	Sft
0760	Curb Sloped, HMA	8050010	2,600.000	Ft
0770	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0780	Guardrail Reflector	8070080	4.000	Ea
0790	Guardrail Height, Adj	8070100	1,565.000	Ft
0800	Guardrail, Reconst, Type B	8070105	450.000	Ft
0810	Fdn, Wood Support, Rem	8100280	9.000	Ea
0820	Post, Steel, 3 lb	8100371	292.000	Ft
0830	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0840	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0850	Sign, Type II, Rem	8100397	1.000	Ea
0860	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0870	Sign, Type III, Rem	8100403	11.000	Ea
0880	Sign, Type IIIA	8100404	27.000	Sft
0890	Sign, Type IIIB	8100405	49.000	Sft
0900	Sign, Type V, Rem	8100421	1.000	Ea
0910	Sign, Type VB	8100425	7.000	Sft
0920	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0930	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	2.000	Ea
0940	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	545.000	Ft
0950	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,674.000	Ft
0960	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	48,758.000	Ft
0970	Pavt Mrkg, Waterborne, 6 inch, White	8110233	83,074.000	Ft
0980	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,674.000	Ft
0990	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	48,758.000	Ft
1000	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	83,074.000	Ft
1010	Witness, Log, \$1,000.00	8110350	2,000.000	Dlr
1020	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
1030	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
1040	Recessing Pavt Mrkg, Longit	8110450	137,506.000	Ft
1050	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
1060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
1070	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1080	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1090	Ltg for Night Work	8120160	1.000	LSUM
1100	Minor Traf Devices	8120170	1.000	LSUM
1110	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,740.000	Ft
1120	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,470.000	Ft

1130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,740.000	Ft
1140	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,470.000	Ft
1150	Plastic Drum, Fluorescent, Furn	8120252	660.000	Ea
1160	Plastic Drum, Fluorescent, Oper	8120253	660.000	Ea
1170	Sign Cover	8120310	10.000	Ea
1180	Sign, Type B, Temp, Prismatic, Furn	8120350	2,002.000	Sft
1190	Sign, Type B, Temp, Prismatic, Oper	8120351	2,002.000	Sft
1200	Traf Regulator Control	8120370	1.000	LSUM
1210	Riprap, Plain	8130010	41.000	Syd
1220	Slope Restoration, Type A	8160100	215.000	Syd
1230	Slope Restoration, Type B	8160101	16,910.000	Syd
1240	Slope Restoration, Type C	8160102	35.000	Syd
1250	Monument Box Adjust	8210005	9.000	Ea
1260	Protect Corners	8210020	17.000	Ea
1270	Centerline Corrugations, Milled, HMA	8220013	32,110.000	Ft
1280	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	66,785.000	Ft
1290	Gate Box, Adj, Case 1	8230431	6.000	Ea
1300	Contractor Staking, Road Only	8240007	1.000	LSUM
1310	Staking Plan Errors and Extras, One Person	8240020	41.000	Hr
1320	Staking Plan Errors and Extras, Two Person	8240021	17.000	Hr
1330	Staking Plan Errors and Extras, Three Person	8240022	26.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 200306 024

Letting Date: March 6, 2020

Contract ID: 63000-206542

Description: Application of pavement markings on various routes, Macomb, Oakland and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206542A	20A0378	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$275,700.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,228,963.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,186,573.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,641,130.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	4,269,601.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	932,966.000	Ft
0070	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	15.000	Ea
0080	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	2,100.000	Ft
0090	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	41,500.000	Ft
0100	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	1,052,620.000	Ft
0110	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	100.000	Mi
0120	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	100.000	Mi
0130	_ Call Back, Intermideiate Transportation, Non-Freeway Longline, \$8.00	8117003	100.000	Mi
0140	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	6.000	Ea
0150	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	6.000	Ea
0160	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,000.000	Ft



2/7/2020 8:34 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 025**Letting Date:** March 6, 2020**Contract ID:** 64016-123163**Description:** 0.01 mi of hot mix asphalt reconstruction, culvert replacement, approach work, cofferdams, riprap and pavement markings on US-31BR (Polk Road) over Russell Creek in the city of Hart, Oceana County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
123163A	20A0407	N/A	ST 64016

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$123,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0040	Pavt, Rem	2040050	530.000	Syd
0050	Excavation, Earth	2050016	920.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	75.000	Ft
0070	Erosion Control, Filter Bag	2080014	2.000	Ea
0080	Erosion Control, Gravel Filter Berm	2080018	90.000	Ft
0090	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0100	Erosion Control, Sand Bag	2080028	952.000	Ea
0110	Erosion Control, Sediment Trap	2080034	4.000	Ea
0120	Erosion Control, Silt Fence	2080036	700.000	Ft
0130	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	852.000	Syd
0140	Subbase, CIP	3010002	610.000	Cyd
0150	Aggregate Base, 6 inch	3020016	740.000	Syd
0160	Shoulder, CI II, 6 inch	3070128	66.000	Syd
0170	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0180	Culv, CI A, CSP, 12 inch	4010199	48.000	Ft
0190	Bump Grinding	5010004	100.000	Syd
0200	HMA Surface, Rem	5010005	250.000	Syd
0210	HMA Quality Initiative	5010007	510.000	Dlr
0220	Longitudinal Joint Density Quality Initiative	5010018	1,260.000	Dlr
0230	HMA Approach	5010061	255.000	Ton
0240	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	4.000	Ea
0250	Delineator, Rem	8100349	5.000	Ea
0260	Post, Rigid, Delineator	8100361	2.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	310.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	310.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	310.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	310.000	Ft
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0380	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	449.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	449.000	Sft
0410	Slope Restoration, Type B	8160101	2,000.000	Syd
0420	Contractor Staking	8240001	1.000	LSUM
0430	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0440	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0450	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr

Section: 2

0460	Structures, Rem (C01 of 64016)	2040060	1.000	LSUM
0470	Excavation, Channel	2050015	2,103.000	Cyd
0480	_ Flowable Fill	2057021	197.000	Cyd
0490	Aggregate, 6A	2060001	45.000	Cyd
0500	Backfill, Structure, CIP	2060002	7,850.000	Cyd
0510	Excavation, Fdn	2060010	7,300.000	Cyd
0520	_ Geotextile, Separator, Non-Woven	3087011	618.000	Syd
0530	_ Culv, Aluminum Multi-Plate Pipe Arch, 20 foot 7 inch by 14 foot 3 inch	4017001	109.000	Ft
0540	Underdrain, Fdn, 4 inch	4040031	268.000	Ft
0550	Underdrain Outlet, 4 inch	4040091	16.000	Ft
0560	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0570	Culv Bedding, Box Culv	4060005	226.000	Cyd
0580	Steel Sheet Piling, Temp	7040002	812.000	Sft
0590	Cofferdams (C01 of 64016)	7040007	1.000	LSUM
0600	Riprap, Plain	8130010	11.000	Syd
0610	_ Riprap, Special, Class II	8137031	533.000	Ton
0620	_ Riprap, Within Structure, Class I	8137031	266.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 200306 026**Letting Date:** March 6, 2020**Contract ID:** 84921-129413

Description: 381.98 mi of installation of sinusoidal corrugations on hot mix asphalt shoulders on various routes, Alger, Baraga, Chippewa, Delta, Gogebic, Houghton, Luce, Mackinac, Marquette, Menominee, and Ontonagon Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129413A	20A0384	N/A	HSIP 84921

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$109,400.00	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	Sign, Type B, Temp, Prismatic, Furn	8120350	172.000	Sft
0060	Sign, Type B, Temp, Prismatic, Oper	8120351	172.000	Sft
0070	Traf Regulator Control	8120370	1.000	LSUM
0080	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	4,033,678.000	Ft
0090	Contractor Staking, Road Only	8240007	1.000	LSUM
0100	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
0110	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0120	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 200306 027**Letting Date:** March 6, 2020**Contract ID:** 44000-202395

Description: Bridge replacement with 22 foot by 11 foot precast concrete box culvert, cofferdams, culvert, drainage, guardrail, approach work and pavement markings on Burnside Road over North Branch Flint River Overflow, Lapeer County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202395A	20A0286	N/A	HIPL 44000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,900.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017012	0.110	Acre
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Guardrail, Rem	2040035	880.000	Ft
0050	_ Pavt, Rem, Modified	2047011	595.000	Syd
0060	Embankment, CIP	2050010	115.000	Cyd
0070	Excavation, Earth	2050016	225.000	Cyd
0080	Erosion Control, Silt Fence	2080036	700.000	Ft
0090	Subbase, CIP	3010002	335.000	Cyd
0100	_ Aggregate Base, 10 inch, Modified	3027011	940.000	Syd
0110	_ Shoulder, CI II, 4.5 inch, Modified	3077011	126.000	Syd
0120	_ Approach, CI II, Modified	3077031	70.000	Ton
0130	Culv End Sect, 15 inch	4010015	2.000	Ea
0140	Culv, CI F, 15 inch	4010608	64.000	Ft
0150	Underdrain, Subgrade, 4 inch	4040071	678.000	Ft
0160	HMA, 3C	5010031	175.000	Ton
0170	HMA, 4E1	5010050	100.000	Ton
0180	Guardrail, Type B	8070000	450.000	Ft
0190	Guardrail, Type MGS-8	8070004	138.000	Ft
0200	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0210	Guardrail Post, Culv	8070070	16.000	Ea
0220	Guardrail Reflector	8070080	32.000	Ea
0230	Post, Mailbox	8070095	1.000	Ea
0240	_ Guardrail Anch, Bridge, Det A2	8077050	4.000	Ea
0250	Sign, Type III, Rem	8100403	3.000	Ea
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	634.000	Ft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	45.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	45.000	Sft
0320	_ Slope Restoration, Modified	8167011	1,400.000	Syd

Section: 2

0330	Structures, Rem	2040060	1.000	LSUM
0340	Backfill, Structure, CIP	2060002	972.000	Cyd
0350	Excavation, Fdn	2060010	1,521.000	Cyd
0360	Erosion Control, Filter Bag	2080014	1.000	Ea
0370	Underdrain, Fdn, 4 inch	4040031	164.000	Ft
0380	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0390	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0400	_ Culv, Precast Conc Box, 22 foot by 11 foot	4067001	40.000	Ft
0410	_ Culv Bedding, Box Culv, Modified	4067021	42.000	Cyd
0420	Cofferdams	7040007	1.000	LSUM
0430	Conc, Grade T	7060013	636.000	Cyd
0440	False Decking	7060060	368.000	Sft
0450	Joint Waterproofing	7100001	273.000	Sft
0460	Membrane, Preformed Waterproofing	7100008	960.000	Sft
0470	_ Riprap, Heavy, Modified	8137011	82.000	Syd
0480	Flowable Fill, Non-Structural	8260148	32.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 200306 028**Letting Date:** March 6, 2020**Contract ID:** 14000-203032**Description:** 1.17 mi of hot mix asphalt cold milling and resurfacing, shoulders and pavement markings on Conrad Road from US-12 to Brizandine Road, Cass County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203032A	20A0307	N/A	STL 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$14,300.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	340.000	Ton
0030	Cold Milling HMA Surface	5010002	190.000	Syd
0040	HMA, 13A	5010033	1,680.000	Ton
0050	HMA Approach	5010061	25.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,000.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,500.000	Ft
0080	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0090	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, High Intensity, Furn	8120250	70.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	70.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	818.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	818.000	Sft
0150	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Monument Box Adjust	8210005	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 029**Letting Date:** March 6, 2020**Contract ID:** 21000-207351

Description: 0.68 mi of guardrail installation, aggregate shoulders, clearing, slope restoration, sign removal and pavement markings on County Road 420 from the Escanaba River to west of O Lane, Delta County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207351A	20A0316	N/A	HSIP 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.300	Acre
0030	Erosion Control, Silt Fence	2080036	3,600.000	Ft
0040	Shoulder, CI II, 3 inch	3070125	2,200.000	Syd
0050	Trenching	3070200	35.000	Sta
0060	Guardrail, Type B	8070000	3,000.000	Ft
0070	Guardrail, Curved, Type B	8070010	250.000	Ft
0080	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0090	Guardrail Departing Terminal, Type B	8070050	9.000	Ea
0100	Guardrail Reflector	8070080	146.000	Ea
0110	Post, Mailbox	8070095	2.000	Ea
0120	_ Guardrail, Salv, Modified	8077001	25.000	Ft
0130	Delineator, Rem	8100349	24.000	Ea
0140	Sign, Type III, Rem	8100403	1.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,200.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	900.000	Ft
0170	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
0220	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0230	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	396.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	396.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM
0270	Slope Restoration, Type C	8160102	1,945.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 200306 030**Letting Date:** March 6, 2020**Contract ID:** 14555-129857**Description:** 0.80 mi of hot mix asphalt cold milling and resurfacing, shoulders and pavement markings on Dailey Road south of M-60, Cass County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129857A	20A0285	N/A	STL 14555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$10,100.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	245.000	Ton
0030	Cold Milling HMA Surface	5010002	125.000	Syd
0040	HMA, 13A	5010033	1,210.000	Ton
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,990.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,495.000	Ft
0070	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0080	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Plastic Drum, High Intensity, Furn	8120250	45.000	Ea
0110	Plastic Drum, High Intensity, Oper	8120251	45.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	418.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	418.000	Sft
0140	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2.000	Sft
0150	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0170	Monument Box Adjust	8210005	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 031**Letting Date:** March 6, 2020**Contract ID:** 50000-206485

Description: 1.20 mi of concrete cold milling, hot mix asphalt surfacing, concrete curb and gutter, joint detail 7 repair and pavement markings on Garfield Road from M-59 to south of 19 Mile Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206485A	20A0269	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$294,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	10,315.000	Ft
0030	Pavt, Rem	2040050	1,000.000	Syd
0040	Sidewalk, Rem	2040055	56.000	Syd
0050	Project Cleanup	2090001	1.000	LSUM
0060	_ Aggregate Base, Repair	3027031	300.000	Ton
0070	Dr Structure Cover, Type D	4030025	43.000	Ea
0080	Dr Structure Cover, Type K	4030050	6.000	Ea
0090	Dr Structure, Cleaning	4030290	78.000	Ea
0100	Dr Structure, Temp Lowering	4030390	73.000	Ea
0110	_ Dr Structure, Adj, Add Depth, Modified	4037001	43.000	Ft
0120	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	78.000	Ea
0130	_ Dr Structure Cover, Type B, Modified	4037050	30.000	Ea
0140	Pavt, Cleaning	5010001	1.000	LSUM
0150	Pavt Joint and Crack Repr, Det 7	5010020	25,400.000	Ft
0160	Hand Patching	5010025	1,013.000	Ton
0170	HMA, 5E10	5010058	3,880.000	Ton
0180	HMA Approach	5010061	643.000	Ton
0190	HMA, 5E10, High Stress	5010516	3,880.000	Ton
0200	_ Cold Milling Existing Pavement, 3 inch Deep	5017011	46,300.000	Syd
0210	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	1,000.000	Syd
0220	Lane Tie, Epoxy Anchored	6030030	21,220.000	Ea
0230	_ Expansion Joint Filler, 1.0 inch x 6 inch	6037001	2,178.000	Ft
0240	_ Integral Curb Saw Cutting, Modified	6037001	12,900.000	Ft
0250	_ Pavt Repr, Nonreinf Conc, 6 inch, Modified	6037011	11,138.000	Syd
0260	_ Pavt Repr, Rem, Modified	6037011	11,138.000	Syd
0270	Curb and Gutter, Conc, Det F3	8020037	8,013.000	Ft

0280	Driveway Opening, Conc, Det M	8020050	2,303.000	Ft
0290	Curb Ramp Opening, Conc	8030030	125.000	Ft
0300	Sidewalk, Conc, 4 inch	8030044	925.000	Sft
0310	_ Sidewalk Ramp, ADA, Modified	8037010	245.000	Sft
0320	Pavt Mrkg, Polyurea, 4 inch, White	8110091	3,900.000	Ft
0330	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	16,138.000	Ft
0340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	500.000	Ft
0350	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	192.000	Ft
0360	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0370	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0380	Recessing Pavt Mrkg, Longit	8110450	20,025.000	Ft
0390	Recessing Pavt Mrkg, Transv	8110451	692.000	Sft
0400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	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, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	3,175.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	16,138.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,175.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,263.000	Ft
0490	Plastic Drum, High Intensity, Furn	8120250	575.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	575.000	Ea
0510	Sign Cover	8120310	10.000	Ea
0520	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0530	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0560	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
0570	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	_ Pavt Mrkg, Type NR, 6 inch, Crosswalk, Temp	8127001	144.000	Ft
0600	_ Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar, Temp	8127001	496.000	Ft
0610	_ Turf Establishment, Modified	8167011	5,263.000	Syd
0620	Monument Box Adjust	8210005	2.000	Ea
0630	Water Shutoff, Reconst, Case 1	8230401	4.000	Ea
0640	Gate Box, Reconst, Case 1	8230411	2.000	Ea
0650	Water Shutoff, Adj, Case 1	8230421	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 032**Letting Date:** March 6, 2020**Contract ID:** 63000-204989

Description: 0.83 mi of concrete pavement repairs, curb, gutter and sidewalk, guardrail and pavement markings on North Squirrel Road from south of M-59 to Featherstone Road in the city of Auburn Hills, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204989A	20A0331	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio Video Route Survey	1077051	1.000	LSUM
0020	Mobilization, Max \$257,500.00	1500001	1.000	LSUM
0030	Guardrail, Rem	2040035	200.000	Ft
0040	Sidewalk, Rem	2040055	277.000	Syd
0050	_ Conc Pavt, Rem	2047011	18,932.000	Syd
0060	_ HMA Pavt, Rem	2047011	1,037.000	Syd
0070	_ Reinforced Conc Pavt, Rem	2047011	8,316.000	Syd
0080	_ Repair Pavt, Rem	2047011	405.000	Syd
0090	Embankment, CIP	2050010	750.000	Cyd
0100	Excavation, Earth	2050016	1,250.000	Cyd
0110	_ Subgrade Undercutting, Type II, 1 by 3	2057021	500.000	Cyd
0120	_ Subgrade Undercutting, Type II, 21AA	2057021	500.000	Cyd
0130	_ Erosion Control, Silt Fence, OCWRC	2087001	1,000.000	Ft
0140	_ Erosion Control, Inlet Protection, Fabric Drop, OCWRC	2087050	100.000	Ea
0150	Project Cleanup	2090001	1.000	LSUM
0160	Aggregate Base, Conditioning	3020050	27,653.000	Syd
0170	_ Aggregate Base, Modified	3027031	518.000	Ton
0180	Maintenance Gravel	3060020	1,000.000	Ton
0190	Dr Structure Cover, Adj, Case 1, Modified	4030004	20.000	Ea
0200	Dr Structure Cover, Adj, Case 1	4030005	42.000	Ea
0210	Dr Structure Cover, Type B	4030010	10.000	Ea
0220	Dr Structure Cover, Type D	4030025	20.000	Ea
0230	Dr Structure Cover, Type J	4030045	20.000	Ea
0240	Dr Structure Cover, Type K	4030050	10.000	Ea
0250	Dr Structure Cover, Type Q	4030065	10.000	Ea
0260	Dr Structure, Adj, Add Depth	4030280	50.000	Ft
0270	_ San Structure Cover, Adj, Add Depth	4037001	50.000	Ft

0280	_ Wtr Structure Cover, Adj, Add Depth	4037001	50.000	Ft
0290	_ San Structure Cover, Adj, Case 1	4037050	1.000	Ea
0300	_ Wtr Structure Cover, Adj, Case 1	4037050	6.000	Ea
0310	Hand Patching	5010025	111.000	Ton
0320	HMA Approach	5010061	507.000	Ton
0330	_ Conc Pavt with Curb, Nonreinf, 9 inch, Modified	6027011	10,389.000	Syd
0340	_ Conc Pavt, Nonreinf, 9 inch, Modified	6027011	16,859.000	Syd
0350	_ Pavt Repr with Curb, Nonreinf Conc, 9 inch, Modified	6037011	182.000	Syd
0360	_ Pavt Repr, Nonreinf Conc, 9 inch, Modified	6037011	223.000	Syd
0370	Sidewalk Ramp, Conc, 6 inch	8030036	2,225.000	Sft
0380	Sidewalk, Conc, 4 inch	8030044	2,500.000	Sft
0390	_ Detectable Warning Surface, Modified	8037001	106.000	Ft
0400	Shared use Path, HMA	8060040	7.000	Ton
0410	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0420	Sign, Type III, Erect, Salv	8100402	25.000	Ea
0430	Pavt Mrkg, Polyurea, 4 inch, White	8110091	12,825.000	Ft
0440	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	200.000	Ft
0450	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	275.000	Ft
0460	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	575.000	Ft
0470	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	15.000	Ea
0480	Pavt Mrkg, Polyurea, Only	8110410	21.000	Ea
0490	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0500	Recessing Pavt Mrkg, Longit	8110450	12,825.000	Ft
0510	Recessing Pavt Mrkg, Transv	8110451	3,023.000	Sft
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	100.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	100.000	Ea
0540	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0550	Channelizing Device, 42 inch, Furn	8120030	750.000	Ea
0560	Channelizing Device, 42 inch, Oper	8120031	750.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Sign Cover	8120310	20.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	1,070.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	1,070.000	Sft
0630	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	30.000	Sft
0640	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	30.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	_ Turf Establishment, Performance	8167002	41.000	Sta
0670	Monument Box	8210001	5.000	Ea
0680	Monument Box Adjust	8210005	5.000	Ea
0690	Monument Preservation	8210010	5.000	Ea
0700	Water Shutoff, Adj, Case 1	8230421	10.000	Ea

0710	_ Sprinkler Line	8237001	5,000.000	Ft
0720	_ Irrigation Control Box, Relocate	8237050	5.000	Ea
0730	_ Irrigation Control Box, Replace	8237050	5.000	Ea
0740	_ Sprinkler Head, Relocate	8237050	250.000	Ea
0750	_ Sprinkler Head, Replace	8237050	250.000	Ea



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 033**Letting Date:** March 6, 2020**Contract ID:** 09000-130309

Description: 2.24 mi of hot mix asphalt cold milling and resurfacing, drainage, pedestrian signals, signing and pavement markings on Old Kawkawlin Road from Two Mile Road to State Park Drive, Bay County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130309A	20A0308	N/A	STUL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$218,500.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	15.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	14.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	8.000	Ea
0070	Dr Structure, Rem	2030011	8.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	707.000	Ft
0090	Sewer, Rem, 24 inch to 48 inch	2030016	16.000	Ft
0100	Curb and Gutter, Rem	2040020	152.000	Ft
0110	Pavt, Rem	2040050	1,547.000	Syd
0120	Sidewalk, Rem	2040055	11.000	Syd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	800.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0150	_ Minor Grading	2057001	2,399.000	Ft
0160	_ Machine Grading, Modified	2057002	3.000	Sta
0170	Erosion Control, Inlet Protection, Fabric Drop	2080020	36.000	Ea
0180	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0190	Subbase, CIP	3010002	465.000	Cyd
0200	_ Aggregate Base, 4 1/2 inch, Modified	3027011	122.000	Syd
0210	_ Aggregate Base, 8 inch, Modified	3027011	17,538.000	Syd
0220	Maintenance Gravel	3060020	1,200.000	Ton
0230	_ Trenching, Modified	3077002	229.000	Sta
0240	_ Approach, CI I, 6 inch, Modified	3077011	3,243.000	Syd
0250	_ Approach, CI II, Modified	3077031	693.000	Ton
0260	Sewer, CI A, 12 inch, Tr Det B	4020033	388.000	Ft
0270	Sewer, CI A, 24 inch, Tr Det B	4020036	16.000	Ft

0280	Sewer Tap, 12 inch	4021204	2.000	Ea
0290	Sewer Tap, 24 inch	4021207	1.000	Ea
0300	Video Taping Sewer and Culv Pipe	4021275	437.000	Ft
0310	_ Sewer, CI A, 12 inch, Modified	4027001	33.000	Ft
0320	_ Sump Pump Lead and Drain Tile Connection	4027050	500.000	Ea
0330	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0340	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0350	Dr Structure Cover, Type B	4030010	5.000	Ea
0360	Dr Structure Cover, Type J	4030045	1.000	Ea
0370	Dr Structure Cover, Type K	4030050	2.000	Ea
0380	Dr Structure Cover, Type Q	4030065	1.000	Ea
0390	Dr Structure Lead, Cleaning, 12 inch	4030112	200.000	Ft
0400	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	3.000	Ft
0410	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0420	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0430	Drop Inlet, Type 1	4030395	4.000	Ea
0440	_ Dr Structure Collar, Modified	4037050	2.000	Ea
0450	_ Dr Structure Cover, Type DG	4037050	24.000	Ea
0460	_ Dr Structure, 36 inch dia, Modified	4037050	5.000	Ea
0470	_ Dr Structure, 36 inch, Leach Basin	4037050	16.000	Ea
0480	_ Dr Structure, 48 inch dia, Modified	4037050	3.000	Ea
0490	Underdrain, Subbase, 6 inch	4040063	435.000	Ft
0500	Underdrain, Subgrade, 6 inch	4040073	800.000	Ft
0510	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	750.000	Ft
0520	Underdrain Outlet, 6 inch	4040093	80.000	Ft
0530	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0540	Cold Milling HMA Surface	5010002	31,004.000	Syd
0550	HMA Surface, Rem	5010005	3,975.000	Syd
0560	Pavt for Butt Joints, Rem	5010008	566.000	Syd
0570	Pavt Joint and Crack Repr, Det 8	5010021	3,400.000	Ft
0580	Hand Patching	5010025	597.000	Ton
0590	HMA, 4E1	5010050	5,660.000	Ton
0600	HMA, 5E1	5010056	4,230.000	Ton
0610	HMA Approach	5010061	1,108.000	Ton
0620	Driveway, Nonreinf Conc, 6 inch	8010005	109.000	Syd
0630	Curb and Gutter, Conc, Det B2	8020016	325.000	Ft
0640	Curb and Gutter, Conc, Det C4	8020023	64.000	Ft
0650	Curb and Gutter, Conc, Det F4	8020038	564.000	Ft
0660	Driveway Opening, Conc, Det M	8020050	124.000	Ft
0670	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
0680	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0690	Spillway, Conc	8020075	14.000	Ft
0700	Detectable Warning Surface	8030010	76.000	Ft
0710	Curb Ramp Opening, Conc	8030030	134.000	Ft

0720	Sidewalk Ramp, Conc, 6 inch	8030036	1,317.000	Sft
0730	Post, Mailbox	8070095	184.000	Ea
0740	Post, Steel, 3 lb	8100371	1,500.000	Ft
0750	Sign, Type IIA	8100398	38.000	Sft
0760	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0770	Sign, Type III, Rem	8100403	49.000	Ea
0780	Sign, Type IIIA	8100404	31.000	Sft
0790	Sign, Type IIIB	8100405	248.000	Sft
0800	Reflective Panel for Permanent Sign Support, 6 foot	8100616	22.000	Ea
0810	_ Sign, Type IIA, Modified	8107010	51.000	Sft
0820	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	432.000	Ft
0830	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	97.000	Ft
0840	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0850	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0860	Pavt Mrkg, Waterborne, 4 inch, White	8110231	93.000	Ft
0870	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,887.000	Ft
0880	Pavt Mrkg, Waterborne, 6 inch, White	8110233	22,727.000	Ft
0890	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	93.000	Ft
0900	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,887.000	Ft
0910	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	22,727.000	Ft
0920	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	48.000	Ea
0930	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	48.000	Ea
0940	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0950	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0960	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0970	Minor Traf Devices	8120170	1.000	LSUM
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	32.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	964.000	Ft
1000	Plastic Drum, High Intensity, Furn	8120250	362.000	Ea
1010	Plastic Drum, High Intensity, Oper	8120251	362.000	Ea
1020	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	32.000	Ft
1030	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	964.000	Ft
1040	Sign Cover	8120310	56.000	Ea
1050	Sign, Type B, Temp, Prismatic, Furn	8120350	866.000	Sft
1060	Sign, Type B, Temp, Prismatic, Oper	8120351	866.000	Sft
1070	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	276.000	Sft
1080	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	276.000	Sft
1090	Traf Regulator Control	8120370	1.000	LSUM
1100	Riprap, Plain	8130010	69.000	Syd
1110	Slope Restoration, Type A	8160100	15,000.000	Syd
1120	Conduit, DB, 1, 1 1/2 inch	8190027	98.000	Ft

1130	Pedestal, Alum	8200100	3.000	Ea
1140	Pedestal, Fdn	8200105	3.000	Ea
1150	Pedestal Fdn, Rem	8200106	1.000	Ea
1160	Pedestal, Rem	8200110	1.000	Ea
1170	Pushbutton and Sign	8200121	4.000	Ea
1180	Pushbutton, Rem	8200122	8.000	Ea
1190	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
1200	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1210	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1220	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1230	Radar Vehicle Presence Stop-Bar Detector System	8200510	1.000	Ea
1240	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	2.000	Ea
1250	Monument Box	8210001	1.000	Ea
1260	Monument Preservation	8210010	1.000	Ea
1270	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
1280	Water Shutoff, Adj, Case 2	8230422	24.000	Ea
1290	Gate Box, Adj, Case 1	8230431	10.000	Ea
1300	Gate Box, Adj, Case 2	8230432	7.000	Ea
1310	_ Water Main, Conflict, 12 inch	8237050	1.000	Ea
1320	_ Water Main, Conflict, 6 inch	8237050	2.000	Ea
1330	_ Water Main, Conflict, 8 inch	8237050	1.000	Ea
1340	_ Sanitary Serv, Conflict	8257050	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 034

Letting Date: March 6, 2020

Contract ID: 25000-130630

Description: 1.01 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, drainage, storm sewer and pavement markings on Van Slyke Road from Maple Road to Bristol Road, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130630A	20A0363	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$110,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	3,185.000	Ft
0030	_ Pavt, Rem, Modified	2047011	200.000	Syd
0040	Ditch Cleanout	2050006	1.000	Sta
0050	Embankment, CIP	2050010	350.000	Cyd
0060	Excavation, Earth	2050016	1,000.000	Cyd
0070	_ Subgrade Undercutting, Type II, Modified	2057021	200.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0090	Erosion Control, Silt Fence	2080036	100.000	Ft
0100	_ Aggregate Base, Modified	3027031	50.000	Ton
0110	_ Maintenance Gravel, Modified	3067031	50.000	Ton
0120	Sewer, Cl B, 12 inch, Tr Det B	4020183	48.000	Ft
0130	Dr Structure Cover, Adj, Case 1	4030005	36.000	Ea
0140	Dr Structure Cover, Type E	4030035	1.000	Ea
0150	Dr Structure Cover, Type K	4030050	1.000	Ea
0160	Dr Structure, 24 inch dia	4030200	2.000	Ea
0170	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0180	Cold Milling HMA Surface	5010002	30,000.000	Syd
0190	Pavt Joint and Crack Repr, Det 7	5010020	1,600.000	Ft
0200	Pavt Joint and Crack Repr, Det 8	5010021	600.000	Ft
0210	Hand Patching	5010025	500.000	Ton
0220	HMA, 3C	5010031	4,500.000	Ton
0230	HMA, 4C	5010032	3,600.000	Ton
0240	_ HMA Driveway, Special	5017011	250.000	Syd
0250	Cold Milling Conc Pavt	6030014	1,000.000	Syd
0260	Pavt Repr, Nonreinf Conc, 12 inch	6030052	150.000	Syd
0270	Pavt Repr, Rem	6030080	150.000	Syd

0280	_ Driveway, Nonreinf Conc, 5 inch, Modified	8017011	50.000	Syd
0290	Curb and Gutter, Conc, Det C4	8020023	3,185.000	Ft
0300	Post, Mailbox	8070095	1.000	Ea
0310	Post, Steel, 3 lb	8100371	380.000	Ft
0320	Sign, Type III, Rem	8100403	7.000	Ea
0330	Sign, Type IIIB	8100405	140.000	Sft
0340	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	60.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	60.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0390	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,000.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	26,000.000	Ft
0410	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	10,000.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	26,000.000	Ft
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0450	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0460	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0470	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	850.000	Ft
0510	Sign Cover	8120310	10.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Turf Establishment, Performance	8167011	5,800.000	Syd
0580	Wireless Vehicle Sensor Node, Rem	8200426	3.000	Ea
0590	Wireless Vehicle Sensor Node, Salv	8200427	3.000	Ea
0600	Monument Preservation	8210010	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 035**Letting Date:** March 6, 2020**Contract ID:** 77111-103341

Description: 0.50 mi of roundabout construction, hot mix asphalt base crushing, shaping and resurfacing, concrete pavement, curb and gutter, drainage and pavement markings on Range Road at Dove Road, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
103341A	20A0405	N/A	ST 77111
202929A	20A0292	N/A	CPMG 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$100,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	45.000	Ft
0050	Curb and Gutter, Rem	2040020	760.000	Ft
0060	Guardrail, Rem	2040035	664.000	Ft
0070	_ Pavt, Rem, Modified	2047011	6,619.000	Syd
0080	Ditch Cleanout	2050006	4.000	Sta
0090	Embankment, CIP	2050010	1,190.000	Cyd
0100	Excavation, Earth	2050016	1,540.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	71.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0130	Project Cleanup	2090001	1.000	LSUM
0140	Subbase, CIP	3010002	201.000	Cyd
0150	_ Aggregate Base, Modified	3027031	3,090.000	Ton
0160	_ Approach, CI II, Modified	3027031	90.000	Ton
0170	_ Shoulder, CI II, Modified	3027031	538.000	Ton
0180	HMA Base Crushing and Shaping	3050002	5,536.000	Syd
0190	Salv Crushed Material, LM	3050015	1,230.000	Cyd
0200	_ Geotextile Base Reinforcement	3087011	1,028.000	Syd
0210	Culv End Sect, Footing	4010072	1.000	Ea
0220	Culv End Sect, Salv, over 30 inch	4010120	1.000	Ea
0230	Culv, CI A, Conc, 48 inch	4010172	8.000	Ft
0240	Culv, CI F, CSP, 15 inch	4010676	152.000	Ft
0250	Sewer, CI IV, 12 inch, Tr Det B	4020987	97.000	Ft
0260	Sewer, CI IV, 24 inch, Tr Det B	4020993	164.000	Ft

0270	Video Taping Sewer and Culv Pipe	4021275	261.000	Ft
0280	Dr Structure Cover, Type B	4030010	1.000	Ea
0290	Dr Structure Cover, Type J	4030045	3.000	Ea
0300	Dr Structure, 24 inch dia	4030200	3.000	Ea
0310	Dr Structure, 48 inch dia	4030210	1.000	Ea
0320	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	3.000	Ft
0330	HMA, 3E10	5010046	1,026.000	Ton
0340	HMA, 4E10	5010052	951.000	Ton
0350	HMA Approach	5010061	324.000	Ton
0360	HMA, 4E10, High Stress	5010510	439.000	Ton
0370	Conc Pavt, Nonreinf, 9 inch	6020106	2,014.000	Syd
0380	Joint, Contraction, Cp	6020200	1,861.000	Ft
0390	Joint, Expansion, E2	6020207	310.000	Ft
0400	_ Conc Pavt, Colored, Nonreinf, 6 inch	6027011	542.000	Syd
0410	_ Conc Pavt, Colored, Nonreinf, 9 inch	6027011	358.000	Syd
0420	Driveway, Nonreinf Conc, 8 inch	8010007	340.000	Syd
0430	Curb and Gutter, Conc, Det B1	8020015	590.000	Ft
0440	Curb and Gutter, Conc, Det B2	8020016	996.000	Ft
0450	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0460	Spillway, Conc	8020075	4.000	Ft
0470	_ Curb and Gutter, Conc, Det B1, Modified	8027001	631.000	Ft
0480	_ Curb and Gutter, Conc, Det B2, Modified	8027001	525.000	Ft
0490	_ Curb and Gutter, Conc, Det D1, Modified	8027001	343.000	Ft
0500	Guardrail, Type B	8070000	200.000	Ft
0510	Guardrail, Type MGS-8	8070004	147.000	Ft
0520	Guardrail, Curved, Type B	8070010	75.000	Ft
0530	Guardrail, Curved, Type MGS-8	8070012	197.000	Ft
0540	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0550	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0560	Guardrail Reflector	8070080	16.000	Ea
0570	_ Relocate Mailboxes	8077050	9.000	Ea
0580	Sign, Type III, Rem	8100403	22.000	Ea
0590	_ Sign, Type III, Salv	8107050	12.000	Ea
0600	Pavt Mrkg, Polyurea, 4 inch, White	8110091	238.000	Ft
0610	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,727.000	Ft
0620	Pavt Mrkg, Polyurea, 6 inch, White	8110094	2,656.000	Ft
0630	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	319.000	Ft
0640	Pavt Mrkg, Polyurea, Yield	8110103	4.000	Ea
0650	Pavt Mrkg, Polyurea, 12 inch, White	8110111	198.000	Ft
0660	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0670	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	610.000	Ft
0680	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0690	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea

0700	Recessing Pavt Mrkg, Transv	8110451	1,142.000	Sft
0710	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	44.000	Ea
0720	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	44.000	Ea
0730	Channelizing Device, 42 inch, Furn	8120030	80.000	Ea
0740	Channelizing Device, 42 inch, Oper	8120031	80.000	Ea
0750	Minor Traf Devices	8120170	1.000	LSUM
0760	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	534.000	Ft
0770	Plastic Drum, High Intensity, Furn	8120250	43.000	Ea
0780	Plastic Drum, High Intensity, Oper	8120251	43.000	Ea
0790	Sign Cover	8120310	19.000	Ea
0800	Sign Cover, Type 1	8120320	4.000	Ea
0810	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0820	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0830	Sign, Type B, Temp, Prismatic, Furn	8120350	482.000	Sft
0840	Sign, Type B, Temp, Prismatic, Oper	8120351	482.000	Sft
0850	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	296.000	Sft
0860	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	296.000	Sft
0870	Riprap, Plain	8130010	67.000	Syd
0880	Rhus aromatica Gro-Low, #2 cont.	8153166	24.000	Ea
0890	Thuja occidentalis Emerald, 6 foot	8153811	4.000	Ea
0900	_ Slope Restoration, Modified	8167011	12,224.000	Syd
0910	Conduit, Schedule 80 PVC, 2 inch	8190157	925.000	Ft
0920	DB Cable, in Conduit, 600V, 1/C#6	8190211	3,575.000	Ft
0930	DB Cable, in Conduit, 600V, 1/C#10	8190213	850.000	Ft
0940	Cable, Equipment Grounding Wire, 1/C#6	8190236	1,125.000	Ft
0950	Cable, Equipment Grounding Wire, 1/C#10	8190238	425.000	Ft
0960	Hh, Heavy Duty Cover	8190246	10.000	Ea
0970	Light Std Arm, 12 foot	8190268	8.000	Ea
0980	Light Std Fdn	8190279	8.000	Ea
0990	Light Std, Frangible Transformer Base	8190281	8.000	Ea
1000	Light Std Shaft, 30 foot or less	8190285	8.000	Ea
1010	_ Lighting Control Panel, Install	8197050	1.000	Ea
1020	_ Luminaire, Roadway	8197050	8.000	Ea
1030	_ Traffic Signals Removal	8207051	1.000	LSUM
1040	_ Monument Box, Special	8217050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 036**Letting Date:** March 6, 2020**Contract ID:** 52141-129817

Description: 2.10 mi of hot mix asphalt surfacing, aggregate base, shoulders, culverts, guardrail and pavement markings on County Road 456 (Little Lake Road) from east of County Road EDA to west of the east branch of the Chocolay River, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129817A	20A0342	N/A	STL 52141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$46,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0040	Ditch Cleanout	2050006	5.000	Sta
0050	Embankment, LM	2050011	350.000	Cyd
0060	Excavation, Rock	2050018	20.000	Cyd
0070	Machine Grading	2050030	60.000	Sta
0080	Erosion Control, Silt Fence	2080036	500.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	Aggregate Base	3020001	5,250.000	Ton
0110	Approach, CI III, 3 inch	3070045	360.000	Syd
0120	Shoulder, CI III, 4 inch	3070146	9,867.000	Syd
0130	Culv, CI E, Conc, 18 inch	4010575	256.000	Ft
0140	Culv, CI E, Conc, 24 inch	4010576	64.000	Ft
0150	Culv, CI E, Conc, 36 inch	4010578	56.000	Ft
0160	Culv, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch	4010907	56.000	Ft
0170	Trench Undercut and Backfill	4021260	64.000	Cyd
0180	Video Taping Sewer and Culv Pipe	4021275	432.000	Ft
0190	Cold Milling HMA Surface	5010002	1,960.000	Syd
0200	HMA, 5E3	5010057	3,517.000	Ton
0210	HMA Approach	5010061	30.000	Ton
0220	Guardrail, Type B	8070000	200.000	Ft
0230	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0240	Guardrail Reflector	8070080	16.000	Ea
0250	Post, Mailbox	8070095	3.000	Ea
0260	Post, Steel, 3 lb	8100371	555.000	Ft
0270	Sign, Type III, Erect, Salv	8100402	1.000	Ea

0280	Sign, Type III, Rem	8100403	28.000	Ea
0290	Sign, Type IIIA	8100404	6.000	Sft
0300	Sign, Type IIIB	8100405	169.000	Sft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,987.000	Ft
0320	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	888.000	Ft
0360	Plastic Drum, High Intensity, Furn	8120250	325.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	325.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Riprap, Plain	8130010	100.000	Syd
0420	_ Slope Restoration, Modified	8167011	1,050.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 200306 037

Letting Date: March 6, 2020

Contract ID: 33000-207413

Description: 0.30 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage and pavement markings on Harrison Road from East Michigan Avenue (M-143) to West Grand River Avenue (M-43) in the city of East Lansing, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207413A	20A0320	N/A	HSIP 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	450.000	Ft
0030	Sidewalk, Rem	2040055	250.000	Syd
0040	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0050	_ Excavation, Earth, Modified	2057021	230.000	Cyd
0060	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	13.000	Ea
0070	Project Cleanup	2090001	1.000	LSUM
0080	_ Aggregate Base, 8 inch, CIP, Modified	3027011	660.000	Syd
0090	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0100	Dr Structure, Adj, Add Depth	4030280	7.000	Ft
0110	Dr Structure, Temp Lowering	4030390	11.000	Ea
0120	_ Dr Structure Cover, Type Q, Modified	4037050	2.000	Ea
0130	Cold Milling HMA Surface	5010002	7,400.000	Syd
0140	HMA Surface, Rem	5010005	730.000	Syd
0150	Hand Patching	5010025	30.000	Ton
0160	HMA, LVSP	5010703	925.000	Ton
0170	Curb and Gutter, Conc, Det F2	8020036	450.000	Ft
0180	_ Concrete Lateral Wall, 2 to 10 inch Height	8027001	65.000	Ft
0190	Curb Ramp Opening, Conc	8030030	95.000	Ft
0200	_ Detectable Warning Surface, Modified	8037010	142.000	Sft
0210	_ Sidewalk, Conc, 4 inch, Modified	8037010	1,265.000	Sft
0220	_ Sidewalk, Conc, 6 inch, Modified	8037010	850.000	Sft
0230	Post, Steel, 3 lb	8100371	80.000	Ft
0240	Sign, Type IIIB	8100405	70.000	Sft
0250	Pavt Mrkg, Thermopl, 4 inch, White	8110195	50.000	Ft
0260	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	670.000	Ft

0270	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	100.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,150.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,600.000	Ft
0300	Recessing Pavt Mrkg, Longit	8110450	50.000	Ft
0310	_ Pavt Mrkg, Preformed Thermoplastic, Bike, Lane/Path	8117050	7.000	Ea
0320	_ Pavt Mrkg, Preformed Thermoplastic, Directional Arrow Sym, Bike	8117050	7.000	Ea
0330	_ Pavt Mrkg, Preformed Thermoplastic, Merge	8117050	1.000	Ea
0340	_ Pavt Mrkg, Preformed Thermoplastic, Merge Arrow Sym	8117050	1.000	Ea
0350	_ Pavt, Mrkg, Preformed Thermoplastic, Lt Turn Arrow Sym	8117050	5.000	Ea
0360	_ Pavt, Mrkg, Preformed Thermoplastic, Thru and Rt Arrow Sym	8117050	1.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0390	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0400	Lighted Arrow, Type B, Furn	8120130	1.000	Ea
0410	Lighted Arrow, Type B, Oper	8120131	1.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0450	Sign Cover	8120310	5.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Slope Restoration, Modified	8167051	1.000	LSUM
0500	Water Shutoff, Adj, Temp, Case 1	8230381	2.000	Ea
0510	Water Shutoff, Adj, Temp, Case 2	8230382	2.000	Ea
0520	Gate Box, Adj, Temp, Case 1	8230391	6.000	Ea
0530	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0540	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0550	Gate Box, Adj, Case 1	8230431	6.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 038**Letting Date:** March 6, 2020**Contract ID:** 53141-130488**Description:** Application of countywide pavement markings on various routes, Mason County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130488A	1900955	N/A	STL 53141
130497A	20A0237	N/A	STL 53141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$8,600.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 4 inch, White	8110231	980,716.000	Ft
0030	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,102,349.000	Ft
0040	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	100.000	Ft
0050	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	13.000	Ea
0060	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	9.000	Ea
0070	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	12.000	Ea
0080	_ Pavt Mrkg, Waterborne, Thru and Lt Turn Arrow Sym	8117050	16.000	Ea
0090	_ Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Sym	8117050	14.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 039**Letting Date:** March 6, 2020**Contract ID:** 39000-205109

Description: 2.05 mi of hot mix asphalt and concrete shared use path, station grading and slope restoration along South Battle Creek Street from 35th Street to the Galesburg Community Park, Kalamazoo County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205109A	20A0267	N/A	TAU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$130,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	36.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	18.000	Ea
0050	Dr Structure, Rem	2030011	9.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	99.000	Ft
0070	Curb and Gutter, Rem	2040020	2,328.000	Ft
0080	Fence, Rem	2040025	380.000	Ft
0090	Guardrail, Rem	2040035	122.000	Ft
0100	Pavt, Rem	2040050	985.000	Syd
0110	Sidewalk, Rem	2040055	2,344.000	Syd
0120	Subgrade Undercutting, Type II	2050041	600.000	Cyd
0130	_ Station Grading	2057002	98.000	Sta
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	31.000	Ea
0150	Erosion Control, Silt Fence	2080036	710.000	Ft
0160	_ Erosion Control, Straw Wattle	2087001	1,329.000	Ft
0170	Subbase, CIP	3010002	929.000	Cyd
0180	Aggregate Base, 6 inch	3020016	9,581.000	Syd
0190	Aggregate Base, 8 inch	3020020	487.000	Syd
0200	Approach, CI II, 6 inch	3070028	241.000	Syd
0210	Shoulder, CI II, 3 inch	3070125	1,850.000	Syd
0220	Trenching	3070200	2.000	Sta
0230	Culv End Sect, Metal, 12 inch	4010094	12.000	Ea
0240	Culv, CI B, 12 inch	4010233	150.000	Ft
0250	_ Box Culvert, 10'11" x 4'3"	4017001	32.000	Ft
0260	_ Box Culvert, 15'4" x 6'5"	4017001	32.000	Ft
0270	_ Drainage Ditch Bypass	4017050	2.000	Ea

0280	Sewer, CI A, 12 inch, Tr Det B	4020033	150.000	Ft
0290	Sewer Bulkhead, 12 inch	4021230	4.000	Ea
0300	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0310	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0320	Dr Structure Cover, Type G	4030040	7.000	Ea
0330	Dr Structure Cover, Type K	4030050	10.000	Ea
0340	Dr Structure, 24 inch dia	4030200	5.000	Ea
0350	Dr Structure, 48 inch dia	4030210	3.000	Ea
0360	_ Leaching Basin, 48 inch dia	4037050	2.000	Ea
0370	HMA Surface, Rem	5010005	2,377.000	Syd
0380	Hand Patching	5010025	41.000	Ton
0390	HMA Approach	5010061	92.000	Ton
0400	Driveway, Reinf Conc, 6 inch	8010001	45.000	Syd
0410	Driveway, Nonreinf Conc, 6 inch	8010005	420.000	Syd
0420	Curb and Gutter, Conc, Det C4	8020023	590.000	Ft
0430	Curb and Gutter, Conc, Det F4	8020038	1,843.000	Ft
0440	Detectable Warning Surface	8030010	90.000	Ft
0450	Sidewalk Ramp, Conc, 6 inch	8030036	2,011.000	Sft
0460	Sidewalk, Conc, 4 inch	8030044	25,082.000	Sft
0470	Sidewalk, Conc, 6 inch	8030046	6,107.000	Sft
0480	Shared use Path, HMA	8060040	1,299.000	Ton
0490	Guardrail, Type B	8070000	80.000	Ft
0500	Post, Mailbox	8070095	31.000	Ea
0510	Fence, Chain Link, 48 inch	8080011	40.000	Ft
0520	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	340.000	Ft
0530	_ Pedestrian Railing	8087001	276.000	Ft
0540	_ Fence, Chain Link, 72 inch, with 3 Strand Barbed Wire, Rolling Gate	8087050	2.000	Ea
0550	Post, Steel, 3 lb	8100371	546.000	Ft
0560	Post, Wood, 6 inch by 8 inch	8100382	6.000	Ft
0570	Sign, Type III, Erect, Salv	8100402	13.000	Ea
0580	Sign, Type III, Rem	8100403	13.000	Ea
0590	Sign, Type IIIA	8100404	190.000	Sft
0600	Sign, Type IIIB	8100405	60.000	Sft
0610	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,252.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	37.000	Ft
0640	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,682.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,373.000	Ft
0660	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0670	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0680	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0690	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0700	Minor Traf Devices	8120170	1.000	LSUM

0710	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,726.000	Ft
0720	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	20.000	Ft
0730	Plastic Drum, High Intensity, Furn	8120250	130.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	130.000	Ea
0750	Sign, Type B, Temp, Prismatic, Furn	8120350	620.000	Sft
0760	Sign, Type B, Temp, Prismatic, Oper	8120351	620.000	Sft
0770	_ Tubular Marker, Modified	8127050	70.000	Ea
0780	Riprap, Plain	8130010	120.000	Syd
0790	Site Preparation, Max \$3,500	8150001	1.000	LSUM
0800	_ Acer rubrum, 2 inch, Modified	8157050	14.000	Ea
0810	_ Quercus palustris, 2 inch, Modified	8157050	8.000	Ea
0820	Mulch Blanket	8160027	3,439.000	Syd
0830	Slope Restoration, Type A	8160100	5,995.000	Syd
0840	_ Native Seeding	8167011	2,689.000	Syd
0850	_ Light Pole, Erect, Salv	8197050	3.000	Ea
0860	_ Light Pole, Rem	8197050	3.000	Ea
0870	Pushbutton and Sign	8200121	2.000	Ea
0880	_ Perimeter Lit LED Sign, Solar Power	8207050	2.000	Ea
0890	Hydrant, Relocate, Case 1	8230095	4.000	Ea
0900	Water Shutoff, Adj, Case 2	8230422	64.000	Ea
0910	Gate Box, Adj, Case 2	8230432	8.000	Ea
0920	Flowable Fill, Non-Structural	8260148	8.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 200306 040**Letting Date:** March 6, 2020**Contract ID:** 10141-130376

Description: 2.00 mi of hot mix asphalt base crushing, shaping and resurfacing, shoulder widening and pavement markings on Homestead Road from Marshall Road east to Pioneer Road, Benzie County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130376A	20A0304	N/A	STL 10141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$65,200.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0030	Aggregate Base	3020001	5,820.000	Ton
0040	HMA Base Crushing and Shaping	3050002	19,000.000	Syd
0050	Approach, CI II	3070021	440.000	Ton
0060	Shoulder, CI II	3070121	1,070.000	Ton
0070	Trenching	3070200	210.000	Sta
0080	HMA Surface, Rem	5010005	10.000	Syd
0090	Pavt for Butt Joints, Rem	5010008	700.000	Syd
0100	Edge Trimming	5010009	21,100.000	Ft
0110	HMA Approach	5010061	60.000	Ton
0120	HMA, LVSP	5010703	5,675.000	Ton
0130	Post, Mailbox	8070095	32.000	Ea
0140	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0150	Sign, Type III, Rem	8100403	4.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,100.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,650.000	Ft
0180	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0190	Pavt Mrkg, Thermopl, Rumble Strip	8110470	340.000	Ft
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	900.000	Ft
0240	Plastic Drum, High Intensity, Furn	8120250	75.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	75.000	Ea
0260	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	450.000	Ft

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	860.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	860.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Slope Restoration, Type A	8160100	4,000.000	Syd
0310	Monument Box	8210001	2.000	Ea
0320	Monument Box Adjust	8210005	1.000	Ea
0330	Monument Preservation	8210010	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 041

Letting Date: March 6, 2020

Contract ID: 46000-202447

Description: Cleaning and coating the structural steel, deck fascia repair and riprap on College Avenue and Bent Oak Avenue over the south branch of the Raisin River in the city of Adrian, Lenawee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202447A	20A0330	N/A	BO 46000
207282A	N/A	N/A	MCS 46000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0050	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0060	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0070	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Plastic Drum, High Intensity, Furn	8120250	96.000	Ea
0100	Plastic Drum, High Intensity, Oper	8120251	96.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	560.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	560.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM

Section: 2

0140	Conc, Grade D	7060010	4.000	Cyd
0150	False Decking	7060060	7,232.000	Sft
0160	Reinforcement, Steel, Epoxy Coated	7060092	511.000	Lb
0170	Hand Chipping, Other Than Deck	7120007	213.000	Cft
0180	Patching Mortar or Conc	7120016	117.000	Cft
0190	Patch, Forming	7120017	557.000	Sft
0200	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	63.000	Ea
0210	Steel Structure, Cleaning, Partial, Type 4 (SN 5715)	7150047	1.000	LSUM
0220	Steel Structure, Cleaning, Partial, Type 4 (SN 5717)	7150047	1.000	LSUM
0230	Steel Structure, Coating, Partial, Type 4 (SN 5715)	7150048	1.000	LSUM

0240	Steel Structure, Coating, Partial, Type 4 (SN 5717)	7150048	1.000	LSUM
0250	_ Riprap, Under Structures, Heavy	8137031	250.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 200306 042**Letting Date:** March 6, 2020**Contract ID:** 72000-206329

Description: 14.27 mi of chip and fog seal and pavement markings on Maple Valley Road from West Branch Road to Wolverine Drive, County Road 301 from Robinson Lake Road to the county line and Michelson Road from M-55 to Aqua Road, Roscommon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206329A	20A0251	N/A	STL 72000
206568A	20A0178	N/A	STL 72000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,400.00	1500001	1.000	LSUM
0020	_ Seal, Fog	5057011	159,160.000	Syd
0030	_ Seal, Single Chip, Modified	5057011	159,160.000	Syd
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	148,146.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	64,136.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	148,146.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	64,136.000	Ft
0080	Protective Ovly, Snowmobile Trail Crossing	8110550	40.000	Syd
0090	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0130	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0140	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,244.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM



2/7/2020 8:34 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 043**Letting Date:** March 6, 2020**Contract ID:** 02041-126912

Description: 4.69 mi of hot mix asphalt roadway reconstruction, drainage upgrades, watermain improvements, ADA ramps, signing, pavement markings, streetscaping and shared use path on M-28 from east of Christmas to the railroad south of Munising and M-28 from Spruce Street to Onota Street and on the north side of M-28 from Bayview Drive easterly to east of Cedar Street in the city of Munising, Alger County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126912A	20A0427	N/A	NH 02041
208346A	20A0439	N/A	TAL 02041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,288,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	12.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0040	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0060	Dr Structure, Rem	2030011	60.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	5,282.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	52.000	Ft
0090	Curb and Gutter, Rem	2040020	9,491.000	Ft
0100	Guardrail, Rem	2040035	5,372.000	Ft
0110	Pavt, Rem	2040050	65,475.000	Syd
0120	Sidewalk, Rem	2040055	5,571.000	Syd
0130	Exploratory Investigation, Vertical	2040080	100.000	Ft
0140	Backfill, Swamp	2050001	9,741.000	Cyd
0150	Embankment, CIP	2050010	12,204.000	Cyd
0160	Excavation, Earth	2050016	43,255.000	Cyd
0170	Excavation, Peat	2050017	8,470.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,400.000	Cyd
0190	Erosion Control, Check Dam, Stone	2080012	33.000	Ft
0200	Erosion Control, Filter Bag	2080014	3.000	Ea
0210	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0220	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0230	Erosion Control, Inlet Protection, Fabric Drop	2080020	211.000	Ea
0240	Erosion Control, Inlet Protection, Sediment Trap	2080024	22.000	Ea

0250	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0260	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0270	Erosion Control, Sediment Trap	2080034	2.000	Ea
0280	Erosion Control, Silt Fence	2080036	2,880.000	Ft
0290	Subbase, CIP	3010002	31,426.000	Cyd
0300	Aggregate Base	3020001	19,373.000	Ton
0310	Approach, CI I	3070001	5,124.000	Ton
0320	Approach, CI II	3070021	101.000	Ton
0330	Shoulder, CI II	3070121	796.000	Ton
0340	Culv End Sect, 24 inch	4010024	2.000	Ea
0350	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0360	Culv End Sect, Conc, 30 inch	4010052	2.000	Ea
0370	Culv, CI B, Conc, 24 inch	4010270	8.000	Ft
0380	Culv, CI B, Conc, 30 inch	4010271	108.000	Ft
0390	Culv, Reinf Conc Ellip, HE CI II, 53 inch by 83 inch	4010864	96.000	Ft
0400	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0410	_ Culv Cleanout	4017001	300.000	Ft
0420	Sewer, CI E, 12 inch, Tr Det B	4020600	154.000	Ft
0430	Sewer, CI E, 18 inch, Tr Det B	4020602	52.000	Ft
0440	Sewer, CI II, 24 inch, Tr Det A	4020723	24.000	Ft
0450	Sewer, CI II, 12 inch, Tr Det B	4020748	4,877.000	Ft
0460	Sewer, CI II, 15 inch, Tr Det B	4020749	245.000	Ft
0470	Sewer, CI II, 18 inch, Tr Det B	4020751	30.000	Ft
0480	Sewer, CI II, 24 inch, Tr Det B	4020752	141.000	Ft
0490	Video Taping Sewer and Culv Pipe	4021275	5,670.000	Ft
0500	_ Slotted Drain, Galv, 12 inch	4027001	405.000	Ft
0510	Dr Structure Cover, Adj, Case 1	4030005	105.000	Ea
0520	Dr Structure Cover, Adj, Case 2	4030006	49.000	Ea
0530	Dr Structure Cover, Type B	4030010	91.000	Ea
0540	Dr Structure Cover, Type D	4030025	14.000	Ea
0550	Dr Structure Cover, Type G	4030040	4.000	Ea
0560	Dr Structure Cover, Type J	4030045	7.000	Ea
0570	Dr Structure Cover, Type K	4030050	107.000	Ea
0580	Dr Structure Cover, Type Q	4030065	34.000	Ea
0590	Dr Structure Cover, Type R	4030070	10.000	Ea
0600	Dr Structure, 24 inch dia	4030200	52.000	Ea
0610	Dr Structure, 48 inch dia	4030210	69.000	Ea
0620	Dr Structure, Adj, Add Depth	4030280	125.000	Ft
0630	Dr Structure, Tap, 12 inch	4030312	59.000	Ea
0640	Dr Structure, Tap, 15 inch	4030315	5.000	Ea
0650	Dr Structure, Tap, 18 inch	4030318	3.000	Ea
0660	Dr Structure, Tap, 24 inch	4030324	3.000	Ea
0670	Underdrain, Subbase, 6 inch	4040063	22,903.000	Ft
0680	Underdrain Outlet, 6 inch	4040093	80.000	Ft
0690	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea

0700	_ Video Inspection of Underdrain	4047001	22,983.000	Ft
0710	Cold Milling HMA Surface	5010002	860.000	Syd
0720	Bump Grinding	5010004	100.000	Syd
0730	HMA Surface, Rem	5010005	28,720.000	Syd
0740	HMA Quality Initiative	5010007	76,258.000	Dlr
0750	Longitudinal Joint Density Quality Initiative	5010018	137,069.000	Dlr
0760	Hand Patching	5010025	4.000	Ton
0770	HMA, 3E3	5010045	8,588.000	Ton
0780	HMA, 4E03	5010049	2,100.000	Ton
0790	HMA, 4E3	5010051	10,441.000	Ton
0800	HMA, 5E03	5010055	1,585.000	Ton
0810	HMA, 5E3	5010057	10,924.000	Ton
0820	HMA Approach	5010061	4,487.000	Ton
0830	HMA, Temp Pavt (4E3)	5010805	1,971.000	Ton
0840	_ Ride Incentive	5017060	22,245.000	Dlr
0850	_ High Performance Biaxial Geogrid	7007011	2,222.000	Syd
0860	Steel Sheet Piling, Temp	7040002	9,730.000	Sft
0870	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	2,165.000	Sft
0880	_ Bypass Pumping	7047050	2.000	Ea
0890	_ Construction Dam	7047050	2.000	Ea
0900	Reinforcement, Steel, Epoxy Coated	7060092	4,516.000	Lb
0910	Substructure Conc	7060100	20.000	Cyd
0920	_ Pedestrian Path, Temp	8007001	320.000	Ft
0930	_ Sanitary Sewer Lateral, PVC, 6 inch	8007001	1,560.000	Ft
0940	_ Sanitary Sewer, PVC, 10 inch	8007001	1,585.000	Ft
0950	_ Sanitary Sewer, PVC, 12 inch	8007001	702.000	Ft
0960	_ Sanitary Sewer, PVC, 15 inch	8007001	559.000	Ft
0970	_ Sanitary Sewer, PVC, 18 inch	8007001	95.000	Ft
0980	_ Sanitary Sewer, PVC, 24 inch	8007001	20.000	Ft
0990	_ Sanitary Sewer, PVC, 8 inch	8007001	277.000	Ft
1000	_ Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8007001	11.000	Ft
1010	_ Sanitary Structure, Add Depth of 84 inch dia, more than 15 foot	8007001	2.000	Ft
1020	_ Sanitary Manhole Cover	8007050	22.000	Ea
1030	_ Sanitary Sewer Cleanout	8007050	50.000	Ea
1040	_ Sanitary Structure, 48 inch dia	8007050	22.000	Ea
1050	_ Sanitary Structure, Rem	8007050	23.000	Ea
1060	_ Sanitary Structure, Tap, 10 inch	8007050	4.000	Ea
1070	_ Sanitary Structure, Tap, 12 inch	8007050	4.000	Ea
1080	_ Sanitary Structure, Tap, 15 inch	8007050	4.000	Ea
1090	_ Sanitary Structure, Tap, 18 inch	8007050	2.000	Ea
1100	_ Sanitary Structure, Tap, 24 inch	8007050	2.000	Ea
1110	_ Sanitary Structure, Tap, 8 inch	8007050	4.000	Ea
1120	Driveway, Nonreinf Conc, 6 inch	8010005	2,200.000	Syd

1130	Curb, Conc, Det E1	8020001	200.000	Ft
1140	Curb and Gutter, Conc, Det B2	8020016	2,461.000	Ft
1150	Curb and Gutter, Conc, Det F4	8020038	16,726.000	Ft
1160	Driveway Opening, Conc, Det M	8020050	1,755.000	Ft
1170	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
1180	Spillway, Conc	8020075	20.000	Ft
1190	_ Curb and Gutter, Conc, Det D2, Modified	8027001	315.000	Ft
1200	_ Curb and Gutter, Conc, Det F4, Modified	8027001	5,178.000	Ft
1210	Detectable Warning Surface	8030010	436.000	Ft
1220	Curb Ramp Opening, Conc	8030030	665.000	Ft
1230	Sidewalk Ramp, Conc, 4 inch	8030034	7,218.000	Sft
1240	Sidewalk Ramp, Conc, 6 inch	8030036	257.000	Sft
1250	Sidewalk, Conc, 4 inch	8030044	20,598.000	Sft
1260	Sidewalk, Conc, 6 inch	8030046	6,061.000	Sft
1270	_ Decorative Conc, Surface, 6 inch	8037010	6,016.000	Sft
1280	_ Decorative Conc, Surface, 9 inch	8037010	3,770.000	Sft
1290	Shared use Path, HMA	8060040	712.000	Ton
1300	Guardrail, Type MGS-8	8070004	4,918.000	Ft
1310	Guardrail, Curved, Type B	8070010	63.000	Ft
1320	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
1330	Guardrail Reflector	8070080	252.000	Ea
1340	_ Field Office, CL 1, Modified	8097043	12.000	Mo
1350	_ Field Office, Utility Fees, Modified	8097060	6,000.000	Dlr
1360	Band, Sign	8100010	3.000	Ea
1370	Fdn, Wood Support, Rem	8100280	110.000	Ea
1380	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	2.000	Ea
1390	Post, Steel, 3 lb	8100371	2,740.000	Ft
1400	Post, Wood, 4 inch by 6 inch	8100380	426.000	Ft
1410	Sign, Type II, Rem	8100397	26.000	Ea
1420	Sign, Type IIA	8100398	156.000	Sft
1430	Sign, Type IIB	8100399	33.000	Sft
1440	Sign, Type III, Erect, Salv	8100402	21.000	Ea
1450	Sign, Type III, Rem	8100403	173.000	Ea
1460	Sign, Type IIIA	8100404	353.000	Sft
1470	Sign, Type IIIB	8100405	587.000	Sft
1480	Sign, Type IV, Rem	8100409	1.000	Ea
1490	Sign, Type V, Rem	8100421	1.000	Ea
1500	Sign, Type VA	8100424	12.000	Sft
1510	Sign, Type VB	8100425	6.000	Sft
1520	Reflective Panel for Permanent Sign Support, 6 foot	8100616	54.000	Ea
1530	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	477.000	Ft
1540	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	4.000	Ea
1550	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	422.000	Ft
1560	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	205.000	Ft

1570	Pavt Mrkg, Polyurea, 12 inch, White	8110111	47.000	Ft
1580	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	74.000	Ft
1590	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,157.000	Ft
1600	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	45,124.000	Ft
1610	Pavt Mrkg, Waterborne, 6 inch, White	8110233	29,364.000	Ft
1620	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,050.000	Ft
1630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,617.000	Ft
1640	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	43,724.000	Ft
1650	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	29,364.000	Ft
1660	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,050.000	Ft
1670	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	22.000	Ea
1680	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
1690	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
1700	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
1710	Recessing Pavt Mrkg, Longit	8110450	76,583.000	Ft
1720	Recessing Pavt Mrkg, Transv	8110451	1,971.000	Sft
1730	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
1740	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
1750	Pedestrian Type II Barricade, Temp	8120026	21.000	Ea
1760	Pedestrian Type II Channelizer, Temp	8120027	990.000	Ft
1770	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	197.000	Ea
1780	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	197.000	Ea
1790	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	6.000	Ea
1800	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
1810	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
1820	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	4.000	Ea
1830	Conc Barrier, Temp, Adj	8120080	610.000	Ft
1840	Conc Barrier, Temp, Furn	8120081	490.000	Ft
1850	Conc Barrier, Temp, Oper	8120082	490.000	Ft
1860	Conc Barrier, Temp, Relocated	8120083	350.000	Ft
1870	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	10.000	Ea
1880	Delineator, Flexible, Temp, Furn	8120091	10.000	Ea
1890	Delineator, Flexible, Temp, Oper	8120092	10.000	Ea
1900	Tubular Marker	8120097	8.000	Ea
1910	Tubular Marker, Replacement	8120098	8.000	Ea
1920	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1930	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1940	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1950	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1960	Minor Traf Devices	8120170	1.000	LSUM
1970	Pavt Mrkg Cover, Type R, Black	8120200	7,890.000	Ft
1980	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	18,930.000	Ft
1990	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	748.000	Ft

2000	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	40,000.000	Ft
2010	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	62,300.000	Ft
2020	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,500.000	Ft
2030	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	20,400.000	Ft
2040	Plastic Drum, Fluorescent, Furn	8120252	215.000	Ea
2050	Plastic Drum, Fluorescent, Oper	8120253	215.000	Ea
2060	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	86.000	Ft
2070	PTS System, Temp, Furn	8120270	1.000	Ea
2080	PTS System, Temp, Oper	8120271	1.000	Ea
2090	Sign Cover	8120310	15.000	Ea
2100	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
2110	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
2120	Sign, Type A, Temp, Prismatic, Furn	8120340	163.000	Sft
2130	Sign, Type A, Temp, Prismatic, Oper	8120341	163.000	Sft
2140	Sign, Type B, Temp, Prismatic, Furn	8120350	1,549.000	Sft
2150	Sign, Type B, Temp, Prismatic, Oper	8120351	1,549.000	Sft
2160	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	140.000	Sft
2170	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	140.000	Sft
2180	Traf Regulator Control	8120370	1.000	LSUM
2190	Conc Barrier, Temp, Limited Deflection, Det 4A, Furn	8121300	490.000	Ft
2200	Conc Barrier, Temp, Limited Deflection, Det 4A, Oper	8121301	490.000	Ft
2210	Conc Barrier, Temp, Limited Deflection, Det 4A, Adj	8121302	450.000	Ft
2220	Conc Barrier, Temp, Limited Deflection, Det 4A, Relocated	8121303	640.000	Ft
2230	_ Driveway Maintenance	8127050	93.000	Ea
2240	_ Intersection Maintenance	8127050	31.000	Ea
2250	Riprap, Plain	8130010	163.000	Syd
2260	Site Preparation, Max \$10,500.00	8150001	1.000	LSUM
2270	Watering and Cultivating, First Season, Min \$5,100.00	8150002	1.000	LSUM
2280	Watering and Cultivating, Second Season, Min \$6,300.00	8150003	1.000	LSUM
2290	Acer rubrum, 2 inch	8150149	50.000	Ea
2300	Picea omorika, 5 foot	8152787	3.000	Ea
2310	_ Acer rubrum 'Red Sunset', 2 inch	8157050	5.000	Ea
2320	_ Bench	8157050	15.000	Ea
2330	_ Bike Rack	8157050	8.000	Ea
2340	_ Juniperus chinensis 'Sea Green', #3 cont.	8157050	21.000	Ea
2350	_ Malus 'Prairiefire', 2 inch	8157050	5.000	Ea
2360	_ Nepeta x faassenii 'Walkers Low', #1 cont.	8157050	140.000	Ea
2370	_ Panicum virgatum 'Northwind', #1 cont.	8157050	21.000	Ea
2380	_ Physocarpus opulifolius 'Diablo', #5 cont.	8157050	6.000	Ea
2390	_ Tilia cordata 'Greenspire', 2 inch	8157050	5.000	Ea

2400	_ Trash Receptacle	8157050	15.000	Ea
2410	Compost Surface, Furn, LM	8160013	30.000	Cyd
2420	Slope Restoration, Type A	8160100	8,455.000	Syd
2430	Slope Restoration, Type B	8160101	27,925.000	Syd
2440	Slope Restoration, Type C	8160102	125.000	Syd
2450	Conduit, Directional Bore, 2 inch	8190042	130.000	Ft
2460	Conduit, Schedule 80 PVC, 2 inch	8190157	5,307.000	Ft
2470	DB Cable, in Conduit, 600V, 1/C#6	8190211	795.000	Ft
2480	DB Cable, in Conduit, 600V, 1/C#8	8190212	21,635.000	Ft
2490	DB Cable, in Conduit, 600V, 1/C#10	8190213	1,170.000	Ft
2500	Cable, Equipment Grounding Wire, 1/C#6	8190236	1,110.000	Ft
2510	Cable, Equipment Grounding Wire, 1/C#10	8190238	585.000	Ft
2520	Hh, Heavy Duty Cover	8190246	14.000	Ea
2530	Hh, Polymer Conc	8190250	50.000	Ea
2540	Hh, Round	8190260	4.000	Ea
2550	Light Std Arm, 10 foot	8190267	13.000	Ea
2560	Light Std Arm, Rem	8190277	21.000	Ea
2570	Light Std Fdn	8190279	13.000	Ea
2580	Light Std Fdn, Rem	8190280	21.000	Ea
2590	Light Std, Frangible Transformer Base	8190281	13.000	Ea
2600	Light Std Shaft, 30 foot or less	8190285	13.000	Ea
2610	Light Std Shaft, 30 foot or less, Single Arm	8190290	50.000	Ea
2620	Light Std Shaft, Rem	8190305	21.000	Ea
2630	Luminaire, Rem	8190360	21.000	Ea
2640	Wood Pole, Cl 4, 30 foot	8190471	1.000	Ea
2650	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	95.000	Ft
2660	Conduit, Directional Bore, 1, 3 inch	8190602	2,250.000	Ft
2670	_ Light Std and Luminaire, Type 1	8197050	50.000	Ea
2680	_ Light Std Fdn, Special	8197050	50.000	Ea
2690	_ Lighting Control Panel	8197050	3.000	Ea
2700	_ Luminaire, Roadway	8197050	13.000	Ea
2710	_ Electrical Service, M-28/H-58	8197060	13,000.000	Dlr
2720	Case Sign, Rem	8200020	2.000	Ea
2730	Controller and Cabinet, Rem	8200030	1.000	Ea
2740	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
2750	Flsh Beacon, Solar Power, Rem	8200072	2.000	Ea
2760	Metered Serv, Rem	8200095	1.000	Ea
2770	Pedestal, Fdn	8200105	1.000	Ea
2780	Pedestal, Underground Serv, Metered	8200111	1.000	Ea
2790	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
2800	Pushbutton	8200120	1.000	Ea
2810	Serv Disconnect, Rem	8200136	1.000	Ea
2820	Span Wire, Rem	8200141	1.000	Ea
2830	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
2840	Warning Sign	8200260	2.000	Ea

2850	Sign Optical, (LED)	8200373	2.000	Ea
2860	TS Face, Bag	8200458	16.000	Ea
2870	TS Face, Bag, Rem	8200459	16.000	Ea
2880	Monument Box	8210001	19.000	Ea
2890	Monument Preservation	8210010	92.000	Ea
2900	Centerline Corrugations, Milled, HMA	8220013	13,032.000	Ft
2910	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	26,064.000	Ft
2920	Fire Hydrant	8230040	32.000	Ea
2930	Gate Valve and Box, 8 inch	8230052	43.000	Ea
2940	Gate Valve and Box, 10 inch	8230053	1.000	Ea
2950	Gate Valve and Box, 12 inch	8230054	20.000	Ea
2960	Hydrant, Rem	8230091	35.000	Ea
2970	Water Main, 8 inch, Cut and Plug	8230132	4.000	Ea
2980	Water Main, DI, 6 inch, Tr Det G	8230151	40.000	Ft
2990	Water Main, DI, 8 inch, Tr Det G	8230156	5,415.000	Ft
3000	Water Main, DI, 12 inch, Tr Det G	8230166	4,770.000	Ft
3010	Water Serv	8230240	71.000	Ea
3020	Water Serv, Long	8230245	83.000	Ea
3030	Live Tap, 6 inch by 8 inch	8230260	2.000	Ea
3040	_ Water Main, HDPE, 10 inch, Directional Bore	8237001	99.000	Ft
3050	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	132.000	Ft
3060	_ Water Main, HDPE, 6 inch, Directional Bore	8237001	857.000	Ft
3070	_ Water Main, HDPE, 8 inch, Directional Bore	8237001	605.000	Ft
3080	Contractor Staking, Road Only	8240007	1.000	LSUM
3090	Staking Plan Errors and Extras, One Person	8240020	101.000	Hr
3100	Staking Plan Errors and Extras, Two Person	8240021	41.000	Hr
3110	Staking Plan Errors and Extras, Three Person	8240022	61.000	Hr
3120	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 200306 044

Letting Date: March 6, 2020

Contract ID: 63022-128563

Description: Bridge rehabilitation of five structures, epoxy overlay, deck patching, full depth deck patching, shallow overlay, adding bridge barrier railing, partial deck replacement, railing replacement, joint replacement, curb patching, structural steel repairs, partial and full painting, rocker bearing realignment, beam end cutting, substructure patching, signals and approaches on various routes in the cities of Novi and Southfield, Oakland County. This project includes a 2 year concrete surface coating warranty and a 2 year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128563A	20A0389	N/A	IM 63022
128653A	20A0393	N/A	NH 63081
204641A	20A0385	N/A	BO 63081
209243A	20A0388	N/A	STG 63022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$451,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	86.000	Ft
0030	Fence, Rem	2040025	20.000	Ft
0040	Guardrail, Rem	2040035	276.000	Ft
0050	Pavt, Rem	2040050	3,713.000	Syd
0060	Sidewalk, Rem	2040055	277.000	Syd
0070	Embankment, CIP	2050010	1,047.000	Cyd
0080	Excavation, Earth	2050016	3,852.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	118.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0130	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0140	Erosion Control, Sediment Trap	2080034	1.000	Ea
0150	Erosion Control, Silt Fence	2080036	2,190.000	Ft
0160	Subbase, CIP	3010002	2,726.000	Cyd
0170	Aggregate Base, 6 inch	3020016	1,785.000	Syd
0180	Open-Graded Dr Cse, 6 inch	3030006	2,315.000	Syd
0190	Open-Graded Dr Cse, CIP	3030030	94.000	Cyd
0200	Shoulder, CI II, 6 inch	3070128	70.000	Syd
0210	Geotextile, Separator	3080005	2,415.000	Syd
0220	Culv End Sect, 12 inch	4010012	1.000	Ea

0230	Culv End Sect, 24 inch	4010024	1.000	Ea
0240	Dr Marker Post	4011109	2.000	Ea
0250	Sewer, Cl A, 12 inch, Tr Det B	4020033	234.000	Ft
0260	Sewer, Cl E, 12 inch, Tr Det B	4020600	344.000	Ft
0270	Sewer, Cl E, 24 inch, Tr Det B	4020603	136.000	Ft
0280	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0290	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0300	Dr Structure Cover, Type J	4030045	4.000	Ea
0310	Dr Structure Cover, Type K	4030050	1.000	Ea
0320	Dr Structure, 24 inch dia	4030200	1.000	Ea
0330	Dr Structure, 48 inch dia	4030210	4.000	Ea
0340	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	8.000	Ft
0350	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0360	Underdrain, Pipe, Open-Graded, 6 inch	4040043	763.000	Ft
0370	Underdrain, Subbase, 6 inch	4040063	724.000	Ft
0380	Underdrain Outlet, 6 inch	4040093	225.000	Ft
0390	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0400	HMA Surface, Rem	5010005	2,525.000	Syd
0410	HMA Quality Initiative	5010007	320.000	Dlr
0420	Longitudinal Joint Density Quality Initiative	5010018	870.000	Dlr
0430	Hand Patching	5010025	10.000	Ton
0440	HMA Approach	5010061	520.000	Ton
0450	Micro-Surface, Single Cse	5040010	12,870.000	Syd
0460	Joint, Contraction, Cp	6020200	891.000	Ft
0470	Joint, Expansion, E2	6020207	195.000	Ft
0480	Joint, Expansion, E3	6020208	467.000	Ft
0490	Conc Quality Initiative	6020401	5,355.000	Dlr
0500	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	802.000	Syd
0510	Joint, Expansion, Erg	6030021	668.000	Ft
0520	Lane Tie, Epoxy Anchored	6030030	455.000	Ea
0530	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	1,840.000	Syd
0540	Curb and Gutter, Bridge Approach	8020010	75.000	Ft
0550	Curb and Gutter, Conc, Det B1	8020015	444.000	Ft
0560	Curb and Gutter, Conc, Det B2	8020016	313.000	Ft
0570	Curb and Gutter, Conc, Det F1	8020035	453.000	Ft
0580	Curb and Gutter, Conc, Det F3	8020037	168.000	Ft
0590	Curb and Gutter, Conc, Det F5	8020039	142.000	Ft
0600	Detectable Warning Surface	8030010	63.000	Ft
0610	Curb Ramp Opening, Conc	8030030	86.000	Ft
0620	Sidewalk Ramp, Conc, 4 inch	8030034	66.000	Sft
0630	Sidewalk Ramp, Conc, 6 inch	8030036	635.000	Sft
0640	Sidewalk, Conc, 4 inch	8030044	1,030.000	Sft
0650	Sidewalk, Conc, 6 inch	8030046	9,372.000	Sft
0660	Guardrail, Type MGS-8	8070004	100.000	Ft

0670	Guardrail, Curved, Type B	8070010	25.000	Ft
0680	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0690	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0700	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0710	Guardrail, Salv	8070075	100.000	Ft
0720	Guardrail, Reconst, Type B	8070105	313.000	Ft
0730	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0740	Guardrail Anch, Bridge, Det M3	8070132	2.000	Ea
0750	_ Timber Rub Rail	8077001	60.000	Ft
0760	Fence Post	8080130	1.000	Ea
0770	Bridge Sign Connection, Conc, Type A1	8100031	13.000	Ea
0780	Bridge Sign Connection, Steel, Type H	8100067	2.000	Ea
0790	Bridge Sign Connection, Steel, Type I	8100068	2.000	Ea
0800	Bridge Sign Connection, Type A, Rem	8100080	13.000	Ea
0810	Fdn, Wood Support, Rem	8100280	1.000	Ea
0820	Post Hole Through Conc for Steel Post	8100340	5.000	Ea
0830	Post, Flexible, Delineator	8100360	54.000	Ea
0840	Post, Steel, 3 lb	8100371	162.000	Ft
0850	Post, Wood, 4 inch by 6 inch	8100380	50.000	Ft
0860	Post, Wood, 6 inch by 8 inch	8100382	40.000	Ft
0870	Sign, Type I, Rem	8100391	5.000	Ea
0880	Sign, Type IA	8100392	650.000	Sft
0890	Sign, Type IB	8100393	45.000	Sft
0900	Sign, Type II, Rem	8100397	15.000	Ea
0910	Sign, Type IIA	8100398	146.000	Sft
0920	Sign, Type IIB	8100399	108.000	Sft
0930	Sign, Type III, Rem	8100403	16.000	Ea
0940	Sign, Type IIIB	8100405	64.000	Sft
0950	_ Bridge Sign Connection, Type H, Rem	8107050	2.000	Ea
0960	_ Bridge Sign Connection, Type I, Rem	8107050	2.000	Ea
0970	_ Post, Rem	8107050	1.000	Ea
0980	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,815.000	Ft
0990	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	26.000	Ft
1000	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
1010	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	5.000	Ea
1020	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
1030	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	205.000	Ft
1040	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	435.000	Ft
1050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,230.000	Ft
1060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,185.000	Ft
1070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,845.000	Ft
1080	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	415.000	Ft
1090	Pavt Mrkg, Waterborne, 8 inch, White	8110235	825.000	Ft
1100	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,050.000	Ft

1110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,230.000	Ft
1120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,185.000	Ft
1130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,845.000	Ft
1140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	415.000	Ft
1150	Pavt Mrkg, Waterborne, 2nd Application, 8 inch, White	8110255	825.000	Ft
1160	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	1,050.000	Ft
1170	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,630.000	Ft
1180	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	820.000	Ft
1190	Rem Curing Compound, for Longit Mrkg, 8 inch	8110309	165.000	Ft
1200	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	400.000	Ft
1210	Rem Curing Compound, for Spec Mrkg	8110321	700.000	Sft
1220	Rem Spec Mrkg	8110343	1,470.000	Sft
1230	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1240	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	330.000	Ft
1250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	80.000	Ea
1260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	80.000	Ea
1270	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
1280	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	8.000	Ea
1290	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	10.000	Ea
1300	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	10.000	Ea
1310	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	6.000	Ea
1320	Conc Barrier, Temp, Adj	8120080	1,605.000	Ft
1330	Conc Barrier, Temp, Furn	8120081	3,115.000	Ft
1340	Conc Barrier, Temp, Oper	8120082	3,115.000	Ft
1350	Conc Barrier, Temp, Relocated	8120083	2,090.000	Ft
1360	High Intensity Light, Type B, Furn	8120110	6.000	Ea
1370	High Intensity Light, Type B, Oper	8120111	6.000	Ea
1380	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
1390	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
1400	Ltg for Night Work	8120160	1.000	LSUM
1410	Minor Traf Devices	8120170	1.000	LSUM
1420	Mobile Attenuator	8120180	4.000	Ea
1430	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	18,945.000	Ft
1440	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	300.000	Ft
1450	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,504.000	Ft
1460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,505.000	Ft
1470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	36,410.000	Ft
1480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	23,216.000	Ft
1490	Plastic Drum, Fluorescent, Furn	8120252	475.000	Ea
1500	Plastic Drum, Fluorescent, Oper	8120253	475.000	Ea

1510	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	932.000	Ft
1520	Sign Cover	8120310	60.000	Ea
1530	Sign Cover, Type 1	8120320	2.000	Ea
1540	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
1550	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
1560	Sign, Type B, Temp, Prismatic, Furn	8120350	4,400.000	Sft
1570	Sign, Type B, Temp, Prismatic, Oper	8120351	4,400.000	Sft
1580	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,060.000	Sft
1590	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	760.000	Sft
1600	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	2.000	Ea
1610	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	2.000	Ea
1620	Riprap, Plain	8130010	9.000	Syd
1630	_ Shredded Bark Mulch	8157021	2.000	Cyd
1640	_ Boulder, Relocate	8157050	30.000	Ea
1650	Mulch Blanket, High Velocity	8160028	80.000	Syd
1660	_ Turf Establishment, Performance	8167011	4,050.000	Syd
1670	Cable, Rem	8190016	1,400.000	Ft
1680	Cable, Sec, Rem	8190017	650.000	Ft
1690	Conduit, DB, 1, 1 1/2 inch	8190027	145.000	Ft
1700	Conduit, DB, 1, 3 inch	8190029	100.000	Ft
1710	Conduit, DB, 3, 3 inch	8190035	60.000	Ft
1720	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
1730	Conduit, Schedule 40, 2 inch	8190147	300.000	Ft
1740	Conduit, Schedule 80 PVC, 2 inch	8190157	355.000	Ft
1750	DB Cable, in Conduit, 600V, 1/C#8	8190212	1,010.000	Ft
1760	Cable, Equipment Grounding Wire, 1/C#8	8190237	955.000	Ft
1770	Hh, Heavy Duty Cover	8190246	2.000	Ea
1780	Hh, Rem	8190254	15.000	Ea
1790	Hh, Round, 3 foot dia	8190259	2.000	Ea
1800	Hh, Round	8190260	9.000	Ea
1810	Cable, P.J., 600V, 1, 12/C#14	8190382	250.000	Ft
1820	Cable, P.J., 600V, 1, 20/C#14	8190386	250.000	Ft
1830	Cable, Sec, 600V, 1, 3/C#6	8190399	295.000	Ft
1840	Cable, Sec, Triplex, 1, 3/C#4	8190418	155.000	Ft
1850	Conduit, Directional Bore, 1, 3 inch	8190602	105.000	Ft
1860	_ Conduit, DB, 1, 2 inch	8197001	10.000	Ft
1870	_ Path, Ltg	8197050	15.000	Ea
1880	_ Electric Service, Novi Road	8197051	1.000	LSUM
1890	_ Utility, (Electric)	8197060	1,000.000	Dlr
1900	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	5.000	Ea
1910	Case Sign, Rem	8200020	6.000	Ea
1920	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
1930	Controller and Cabinet, Rem	8200030	2.000	Ea

1940	Controller and Cabinet, Digital Type	8200031	2.000	Ea
1950	Controller Fdn, Base Mount	8200045	2.000	Ea
1960	Controller Fdn, Rem	8200046	1.000	Ea
1970	Fdn, Rem	8200065	4.000	Ea
1980	Splice Box	8200085	1.000	Ea
1990	Pedestal, Alum	8200100	2.000	Ea
2000	Pedestal, Fdn	8200105	3.000	Ea
2010	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
2020	Power Co. (Est. Cost to Contractor)	8200116	550.000	Dlr
2030	Serv Disconnect	8200135	2.000	Ea
2040	Serv Disconnect, Rem	8200136	2.000	Ea
2050	Span Wire	8200140	6.000	Ea
2060	Span Wire, Rem	8200141	2.000	Ea
2070	Span Wire Tether	8200142	6.000	Ea
2080	Steel Pole, Rem	8200145	4.000	Ea
2090	TS, Mast Arm Mtd, Rem	8200177	2.000	Ea
2100	TS, Span Wire Mtd, Rem	8200182	14.000	Ea
2110	TS, One Way Mast Arm Mtd, Salv	8200251	1.000	Ea
2120	TS, One Way Span Wire Mtd (LED)	8200313	19.000	Ea
2130	TS, One Way Span Wire Mtd, RTGA (LED)	8200318	1.000	Ea
2140	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
2150	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
2160	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
2170	TS, One Way Mast Arm Mtd (LED)	8200359	1.000	Ea
2180	TS, Antenna, Rem	8200368	2.000	Ea
2190	Bracket, Truss, With 18 Foot Arm	8200378	3.000	Ea
2200	Bracket, Truss, Rem	8200388	1.000	Ea
2210	Emergency Pre-emption, Rem	8200415	2.000	Ea
2220	Emergency Pre-emption, Salv	8200416	2.000	Ea
2230	Hemispherical Video Detection Camera	8200444	3.000	Ea
2240	Hemispherical Video Detection System	8200445	2.000	Ea
2250	TS Head, Adj	8200452	4.000	Ea
2260	TS Head, Temp	8200453	5.000	Ea
2270	TS Face, Bag	8200458	24.000	Ea
2280	TS Face, Bag, Rem	8200459	23.000	Ea
2290	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
2300	Strain Pole, Steel, 6 bolt, 36 foot	8200461	5.000	Ea
2310	Strain Pole Fdn, 6 Bolt	8200470	117.000	Ft
2320	Casing	8200480	77.000	Ft
2330	Backplate, TS	8200501	19.000	Ea
2340	Contractor Staking	8240001	1.000	LSUM
2350	Staking Plan Errors and Extras, One Person	8240020	39.000	Hr
2360	Staking Plan Errors and Extras, Two Person	8240021	18.000	Hr

2370	Staking Plan Errors and Extras, Three Person	8240022	26.000	Hr
Section: 2				
2380	Asbestos Materials, Rem and Disposal	2040001	30,000.000	Dlr
2390	Backfill, Structure, CIP	2060002	19.000	Cyd
2400	Excavation, Fdn	2060010	27.000	Cyd
2410	HMA Patch, Rem	5010006	26.000	Syd
2420	Bridge Ltg, Furn and Rem (S07 of 63022)	7060001	1.000	LSUM
2430	Bridge Ltg, Furn and Rem (S11-1 of 63081)	7060001	1.000	LSUM
2440	Bridge Ltg, Furn and Rem (S11-2 of 63081)	7060001	1.000	LSUM
2450	Bridge Ltg, Oper and Maintain	7060002	226.000	Cyd
2460	Elec Grounding System	7060040	6.000	Ea
2470	Expansion Joint Device	7060050	263.000	Ft
2480	Expansion Joint Device, Cover Plate	7060051	39.000	Ft
2490	False Decking	7060060	44,739.000	Sft
2500	Reinforcement, Steel, Epoxy Coated	7060092	76,650.000	Lb
2510	Superstructure Conc, Form, Finish, and Cure (S07 of 63022)	7060111	1.000	LSUM
2520	Superstructure Conc, Form, Finish, and Cure, Night Casting (S11-1 of 63081)	7060112	1.000	LSUM
2530	Superstructure Conc, Form, Finish, and Cure, Night Casting (S11-2 of 63081)	7060112	1.000	LSUM
2540	Superstructure Conc, High Performance	7060116	19.000	Cyd
2550	Superstructure Conc, Night Casting, High Performance	7060117	160.000	Cyd
2560	_ Expansive Waterstop	7067001	578.000	Ft
2570	_ Conc, Grade DM	7067021	50.000	Cyd
2580	Shear Developers	7070040	1.000	LSUM
2590	Shear Developers (S11-1 of 63081)	7070040	1.000	LSUM
2600	Joint Waterproofing	7100001	946.000	Sft
2610	Conc Surface Coating, Warranty (S07 of 63022)	7100009	1.000	LSUM
2620	Conc Surface Coating, Warranty (S10 of 63081)	7100009	1.000	LSUM
2630	Conc Surface Coating, Warranty (S11-1 of 63081)	7100009	1.000	LSUM
2640	Conc Surface Coating, Warranty (S11-2 of 63081)	7100009	1.000	LSUM
2650	Conc Surface Coating, Warranty (S12 of 63081)	7100009	1.000	LSUM
2660	Substructure Horizontal Surface Sealer (S10 of 63081)	7100030	13.000	Syd
2670	Substructure Horizontal Surface Sealer (S11-2 of 63081)	7100030	19.000	Syd
2680	Substructure Horizontal Surface Sealer (S12 of 63081)	7100030	28.000	Syd
2690	Reflective Marker, Permanent Barrier	7110003	5.000	Ea
2700	Bridge Barrier Railing, Type 6, High Performance	7110017	282.000	Ft
2710	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	700.000	Ft
2720	Hand Chipping, Shallow	7120003	120.000	Syd
2730	Hand Chipping, Deep	7120004	120.000	Syd
2740	Hand Chipping, Other Than Deck	7120007	444.000	Cft
2750	Patch, Full Depth	7120010	46.000	Cyd

2760	Patch, Forming	7120017	1,533.000	Sft
2770	Epoxy Ovly	7120020	3,414.000	Syd
2780	Epoxy Ovly, Rem	7120021	891.000	Syd
2790	Conc, Bridge Deck Ovly	7120023	166.000	Cyd
2800	Bridge Deck Surface Construction	7120025	1,939.000	Syd
2810	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	32.000	Ea
2820	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	205.000	Ea
2830	Structures, Rehabilitation, Rem Portions (S07 of 63022)	7120070	1.000	LSUM
2840	Structures, Rehabilitation, Rem Portions (S10 of 63081)	7120070	1.000	LSUM
2850	Structures, Rehabilitation, Rem Portions (S11-1 of 63081)	7120070	1.000	LSUM
2860	Structures, Rehabilitation, Rem Portions (S11-2 of 63081)	7120070	1.000	LSUM
2870	Deck Joint, Rem	7120071	261.000	Ft
2880	Latex Conc Surface, Rem	7120072	1,939.000	Syd
2890	Hydrodemolition, First Pass	7120076	1,939.000	Syd
2900	Hydrodemolition, Second Pass	7120077	196.000	Syd
2910	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
2920	Reinforcement, Mechanical Splice	7120084	56.000	Ea
2930	Top Flanges and Beam Ends, Clean and Coat	7120100	94.000	Syd
2940	Patching Conc, C-L	7120112	68.000	Cyd
2950	Embedded Galvanic Anode	7120120	760.000	Ea
2960	_ Strip Seal Gland Replacement	7127001	105.000	Ft
2970	_ Bridge Curb, Reconst Portions	7127010	578.000	Sft
2980	_ Hand Chipping, Full Depth	7127020	1,199.000	Cft
2990	_ Bridge Joints, Clean and Seal (S07 of 63022), Modified	7127051	1.000	LSUM
3000	Beam Plate, Seal Perimeter	7130010	1,589.000	Ft
3010	Cutting Beam Ends, Simple Span	7130020	7.000	Ea
3020	Rocker, Realign	7130050	22.000	Ea
3030	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	4,736.000	Lb
3040	Support, Column, Temp	7130080	27.000	Ea
3050	Protective Shield, Utility Pipe	7150025	202.000	Ft
3060	Steel Structure, Cleaning, Type 4 (S10 of 63081)	7150045	1.000	LSUM
3070	Steel Structure, Coating, Type 4 (S10 of 63081)	7150046	1.000	LSUM
3080	Steel Structure, Cleaning, Partial, Type 4 (S11-1 of 63081)	7150047	1.000	LSUM
3090	Steel Structure, Cleaning, Partial, Type 4 (S11-2 of 63081)	7150047	1.000	LSUM
3100	Steel Structure, Cleaning, Partial, Type 4 (S12 of 63081)	7150047	1.000	LSUM
3110	Steel Structure, Coating, Partial, Type 4 (S11-1 of 63081)	7150048	1.000	LSUM
3120	Steel Structure, Coating, Partial, Type 4 (S11-2 of 63081)	7150048	1.000	LSUM
3130	Steel Structure, Coating, Partial, Type 4 (S12 of 63081)	7150048	1.000	LSUM

3140	Field Repair of Damaged Coating (S10 of 63081)	7160001	1.000	LSUM
3150	Fence, Structure	8080110	15,635.000	Sft
3160	Riprap, Grouted	8130001	28.000	Syd



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 045**Letting Date:** March 6, 2020**Contract ID:** 49023-202913**Description:** 119.19 mi of non-freeway sign upgrading on M-28, M-117 and US-2 in the cities of Munising and St. Ignace, Alger, Luce and Mackinac Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202913A	20A0396	N/A	NHG 49023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,200.00	1500001	1.000	LSUM
0020	Band, Sign	8100010	14.000	Ea
0030	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	106.000	Ea
0040	Fdn, Wood Support, Rem	8100280	704.000	Ea
0050	Installing MDOT Supplied Sign, Type II	8100301	1.000	Ea
0060	Installing MDOT Supplied Sign, Type III	8100302	317.000	Ea
0070	Post Hole Through Conc for Steel Post	8100340	10.000	Ea
0080	Post Hole Through Conc for Wood Post	8100341	6.000	Ea
0090	Delineator, Rem	8100349	100.000	Ea
0100	Post, Flexible, Delineator	8100360	53.000	Ea
0110	Post, Steel, 3 lb	8100371	23,603.000	Ft
0120	Post, Wood, 4 inch by 6 inch	8100380	9,134.000	Ft
0130	Post, Wood, 6 inch by 8 inch	8100382	1,876.000	Ft
0140	Sign, Type I, Rem	8100391	1.000	Ea
0150	Sign, Type II, Erect, Salv	8100396	5.000	Ea
0160	Sign, Type II, Rem	8100397	310.000	Ea
0170	Sign, Type IIA	8100398	3,787.000	Sft
0180	Sign, Type IIB	8100399	82.000	Sft
0190	Sign, Type III, Erect, Salv	8100402	135.000	Ea
0200	Sign, Type III, Rem	8100403	1,212.000	Ea
0210	Sign, Type IIIA	8100404	2,153.000	Sft
0220	Sign, Type IIIB	8100405	2,930.000	Sft
0230	Sign, Type V, Rem	8100421	2.000	Ea
0240	Sign, Type VA	8100424	60.000	Sft
0250	Sign, Type VB	8100425	2,140.000	Sft
0260	Reflective Panel for Permanent Sign Support, 3 foot	8100613	6.000	Ea
0270	Reflective Panel for Permanent Sign Support, 6 foot	8100616	521.000	Ea

0280	_ Post Hole Through Rock for Steel Post	8107050	40.000	Ea
0290	_ Post Hole Through Rock for Wood Post	8107050	40.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Plastic Drum, Fluorescent, Furn	8120252	190.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	190.000	Ea
0350	Sign Cover	8120310	10.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	Contractor Staking, Road Only	8240007	1.000	LSUM
0400	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0410	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0420	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 046**Letting Date:** March 6, 2020**Contract ID:** 21022-204802

Description: 0.41 mi of hot mix asphalt reconstruction with temporary crossovers and runarounds, concrete curb and gutter, culverts and pavement markings on US-41/US-2, M-117 and M-28 in the city of Gladstone, Delta, Mackinac and Chippewa Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204802A	20A0398	N/A	STRH 21022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Curb and Gutter, Rem	2040020	103.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0060	Pavt, Rem	2040050	8.000	Syd
0070	Exploratory Investigation, Vertical	2040080	100.000	Ft
0080	Excavation, Earth	2050016	7,557.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0130	Erosion Control, Silt Fence	2080036	1,900.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	3,931.000	Cyd
0160	Aggregate Base	3020001	1,270.000	Ton
0170	Aggregate Base, 6 inch	3020016	2,953.000	Syd
0180	Aggregate Base, 8 inch	3020020	3,456.000	Syd
0190	Maintenance Gravel, LM	3060021	50.000	Cyd
0200	Shoulder, CI II, LM	3070123	117.000	Cyd
0210	Geotextile, Separator	3080005	7,380.000	Syd
0220	Geotextile, Stabilization	3080010	1,800.000	Syd
0230	Culv End Sect, Metal, 15 inch	4010095	2.000	Ea
0240	Culv End Sect, Metal, 24 inch	4010098	4.000	Ea
0250	Culv, CI A, CSP, 15 inch	4010200	40.000	Ft
0260	Culv, CI A, CSP, 24 inch	4010202	120.000	Ft
0270	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea

0280	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0290	Dr Structure Cover, Type D	4030025	2.000	Ea
0300	Dr Structure Cover, Type G	4030040	2.000	Ea
0310	Dr Structure Cover, Type K	4030050	4.000	Ea
0320	Cold Milling HMA Surface	5010002	971.000	Syd
0330	HMA Surface, Rem	5010005	1,267.000	Syd
0340	HMA, 3E3	5010045	215.000	Ton
0350	HMA, 4E3, High Stress	5010509	76.000	Ton
0360	HMA, 5E3, High Stress	5010515	119.000	Ton
0370	HMA, LVSP	5010703	270.000	Ton
0380	HMA, Temp Pavt (4E3)	5010805	1,427.000	Ton
0390	Curb and Gutter, Conc, Det B3	8020017	35.000	Ft
0400	Curb and Gutter, Conc, Det C6	8020025	69.000	Ft
0410	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0420	Spillway, Conc	8020075	11.000	Ft
0430	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0440	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0450	Pavt Mrkg, Polyurea, Xing	8110102	2.000	Ea
0460	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	125.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,810.000	Ft
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,685.000	Ft
0490	Pavt Mrkg, Waterborne, 6 inch, White	8110233	10,860.000	Ft
0500	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	6,040.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,810.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,685.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	10,860.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	6,040.000	Ft
0550	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0560	Pavt Mrkg, Polyurea, School	8110414	1.000	Ea
0570	Recessing Pavt Mrkg, Longit	8110450	22,395.000	Ft
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0600	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,622.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,840.000	Ft
0650	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0660	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	192.000	Ft
0680	Sign Cover	8120310	4.000	Ea
0690	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea

0700	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0710	Sign, Type A, Temp, Prismatic, Furn	8120340	15.000	Sft
0720	Sign, Type A, Temp, Prismatic, Oper	8120341	15.000	Sft
0730	Sign, Type B, Temp, Prismatic, Furn	8120350	1,494.000	Sft
0740	Sign, Type B, Temp, Prismatic, Oper	8120351	1,494.000	Sft
0750	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	39.000	Sft
0760	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	39.000	Sft
0770	Traf Regulator Control	8120370	1.000	LSUM
0780	TS, Temp, Furn	8120400	1.000	Ea
0790	TS, Temp, Oper	8120401	1.000	Ea
0800	Riprap, Plain	8130010	25.000	Syd
0810	_ Turf Establishment, Performance	8167011	8,270.000	Syd
0820	Contractor Staking, Road Only	8240007	1.000	LSUM
0830	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0840	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0850	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
0860	_ Railroad Protection, at Grade Crossing	8507060	1,500.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 200306 047

Letting Date: March 6, 2020

Contract ID: 62022-204619

Description: Bridge rehabilitation including epoxy overlay, concrete deck patching, joint replacement, silane barrier, pin and hanger replacement and approach work on M-82 over Marquette Railroad and Penoyer Creek and Hammett Road over US-31 in the city of Newaygo, Newaygo and Oceana Counties. This project includes a 5 year epoxy performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204619A	N/A	N/A	M 62031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$74,400.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	166.000	Syd
0030	Excavation, Earth	2050016	29.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0050	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	2.000	Ea
0060	Aggregate Base, 6 inch	3020016	174.000	Syd
0070	HMA Surface, Rem	5010005	7.000	Syd
0080	Hand Patching	5010025	9.000	Ton
0090	Lane Tie, Epoxy Anchored	6030030	56.000	Ea
0100	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	144.000	Syd
0110	Curb and Gutter, Bridge Approach	8020010	22.000	Ft
0120	Guardrail, Reconst, Type T	8070109	24.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,000.000	Ft
0140	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,100.000	Ft
0150	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,000.000	Ft
0160	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,100.000	Ft
0170	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0180	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0190	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Mobile Attenuator	8120180	2.000	Ea
0240	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0250	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0260	Sign Cover	8120310	196.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-	8120332	2.000	Ea

	Compliant, Furn			
0280	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	1,683.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	1,683.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	76.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	76.000	Sft
0330	Slope Restoration, Type B	8160101	6.000	Syd
0340	Contractor Staking	8240001	1.000	LSUM
0350	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0360	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0370	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
0380	_ Railroad Inspection and Flagging	8507060	22,500.000	Dlr
0390	_ Railroad Protection	8507060	15,000.000	Dlr

Section: 2

0400	Joint, Expansion, E3	6020208	68.000	Ft
0410	Conc, Grade D	7060010	43.000	Cyd
0420	Expansion Joint Device	7060050	235.000	Ft
0430	False Decking	7060060	1,500.000	Sft
0440	Reinforcement, Steel, Epoxy Coated	7060092	5,962.000	Lb
0450	_ Expansive Waterstop	7067001	40.000	Ft
0460	Bushing	7070030	96.000	Ea
0470	Joint Waterproofing	7100001	108.000	Sft
0480	_ Silane Treatment	7107010	15,430.000	Sft
0490	Hand Chipping, Deep	7120004	57.000	Syd
0500	Epoxy Ovly, Warranty Epoxy Ovly, Warranty	7120022	2,937.000	Syd
0510	Deck Joint, Rem	7120071	243.000	Ft
0520	Patching Conc, C-L	7120112	9.000	Cyd
0530	Embedded Galvanic Anode	7120120	144.000	Ea
0540	_ Bridge Joints, Clean and Seal (S15 of 64015), Modified	7127051	1.000	LSUM
0550	Hanger Assembly, Field Measurement	7130030	24.000	Ea
0560	Hanger Assembly, Rem and Erect	7130031	24.000	Ea
0570	Structural Steel, Furn and Fab, Pin and Hanger	7130070	8,400.000	Lb
0580	Support, Suspension, Temp	7130082	24.000	Ea
0590	Steel Structure, Cleaning, Partial, Type 4 (S15 of 64015)	7150047	1.000	LSUM
0600	Steel Structure, Coating, Partial, Type 4 (S15 of 64015)	7150048	1.000	LSUM
0610	_ Conduit, Repair	8197050	8.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 048

Letting Date: March 6, 2020

Contract ID: 41029-109866-3

Description: 2.50 mi of concrete joint repairs, hot mix asphalt cold milling and resurfacing, pavement markings and bridge rehabilitation including removal and replacement, deck patching and fascia repair, substructure repair, shallow overlay, partial deck replacement, bridge railing replacement, substructure patching, high friction surface coating, spot patching and approach work on 14 structures on I-196 from the Grand River to US-131 in the city of Grand Rapids, Kent County. This project includes a three year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
109866A	20A0453	N/A	IM 41029
115798A	20A0406	N/A	IM 41029
200579A	20A0455	N/A	IM 41029
207612A	20A0421	N/A	IM 41029
207993A	20A0422	N/A	IM 41029

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$707,100.00	1500001	1.000	LSUM
0020	Dr Structure, Abandon	2030010	1.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Conc Barrier, Rem	2040010	203.000	Ft
0050	Curb and Gutter, Rem	2040020	1,818.000	Ft
0060	Guardrail, Rem	2040035	2,017.000	Ft
0070	Pavt, Rem	2040050	4,119.000	Syd
0080	Excavation, Earth	2050016	7,287.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	375.000	Cyd
0100	_ Embankment, CIP, Special	2057021	696.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	167.000	Ea
0120	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0130	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0140	Erosion Control, Silt Fence	2080036	3,168.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	2,314.000	Cyd
0170	Aggregate Base, 8 inch	3020020	335.000	Syd
0180	Open-Graded Dr Cse, 6 inch	3030006	5,260.000	Syd
0190	Open-Graded Dr Cse, CIP	3030030	1,589.000	Cyd
0200	Shoulder, CI II, 6 inch	3070128	380.000	Syd
0210	Shoulder, CI II, 5 inch, Temp	3070182	308.000	Syd

0220	_ Shoulder, CI II, 10.5 inch, Modified	3077011	268.000	Syd
0230	Sewer, CI A, 12 inch, Tr Det B	4020033	32.000	Ft
0240	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0250	Dr Structure Cover, Type B	4030010	4.000	Ea
0260	Dr Structure Cover, Type C	4030015	1.000	Ea
0270	Dr Structure Cover, Type DX	4030030	1.000	Ea
0280	Dr Structure Cover, Type J	4030045	3.000	Ea
0290	Dr Structure Cover, Type K	4030050	2.000	Ea
0300	Dr Structure Cover, Type VG	4030090	1.000	Ea
0310	Dr Structure, 48 inch dia	4030210	1.000	Ea
0320	Dr Structure, Tap, 6 inch	4030306	3.000	Ea
0330	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0340	Dr Structure, Temp Lowering	4030390	1.000	Ea
0350	_ Dr Structure Cover, Type B, Modified	4037050	4.000	Ea
0360	_ Dr Structure Cover, Type DX, Modified	4037050	5.000	Ea
0370	Underdrain, Subbase, 6 inch	4040063	3,884.000	Ft
0380	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0390	Underdrain Outlet, 6 inch	4040093	306.000	Ft
0400	Underdrain, Outlet Ending, 6 inch	4040113	15.000	Ea
0410	Cold Milling HMA Surface	5010002	59,010.000	Syd
0420	Bump Grinding	5010004	175.000	Syd
0430	HMA Surface, Rem	5010005	4,164.000	Syd
0440	HMA Quality Initiative	5010007	14,076.000	Dlr
0450	Longitudinal Joint Density Quality Initiative	5010018	14,450.000	Dlr
0460	Pavt Joint and Crack Repr, Det 7	5010020	2,680.000	Ft
0470	Pavt Joint and Crack Repr, Det 8	5010021	1,340.000	Ft
0480	Hand Patching	5010025	140.000	Ton
0490	HMA, 5E3	5010057	3,545.000	Ton
0500	HMA, 5E30	5010059	2,130.000	Ton
0510	HMA Approach	5010061	683.000	Ton
0520	HMA, Temp Pavt (4E3)	5010805	270.000	Ton
0530	HMA, Temp Pavt (5E3)	5010806	270.000	Ton
0540	High Friction Surface Treatment	5060800	72,509.000	Syd
0550	Joint, Contraction, Cp	6020200	1,913.000	Ft
0560	Joint, Expansion, E2	6020207	99.000	Ft
0570	Joint, Expansion, E3	6020208	224.000	Ft
0580	Conc Pavt, Misc, Nonreinf, 10 1/2 inch, High Performance	6020517	2,960.000	Syd
0590	Shoulder, Nonreinf Conc, High Performance	6020524	1,128.000	Syd
0600	Cement	6030005	109.000	Ton
0610	Joint, Contraction, Crg	6030020	5,151.000	Ft
0620	Joint, Expansion, Erg	6030021	180.000	Ft
0630	Lane Tie, Epoxy Anchored	6030030	1,500.000	Ea
0640	Non-Chloride Accelerator	6030035	845.000	Gal
0650	Pavt Repr, Nonreinf Conc, 11 inch	6030050	1,437.000	Syd

0660	Pavt Repr, Rem	6030080	1,437.000	Syd
0670	Saw Cut, Intermediate	6030090	3,145.000	Ft
0680	Sawing and Sealing Longit Pavt Joints	6030095	20,525.000	Ft
0690	Sawing and Sealing Trans Pavt Joints	6030096	6,198.000	Ft
0700	_ Joint, Tied, 4 foot, Special	6037001	18,578.000	Ft
0710	_ Pavt Repr, 4 foot, Nonreinf, 11 inch, Special	6037011	3,939.000	Syd
0720	_ Pavt Repr, 4 foot, Rem, Special	6037011	3,939.000	Syd
0730	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	730.000	Syd
0740	Curb and Gutter, Bridge Approach	8020010	52.000	Ft
0750	Curb and Gutter, Conc, Det B3	8020017	2,260.000	Ft
0760	Curb and Gutter, Conc, Det D3	8020032	40.000	Ft
0770	Curb and Gutter, Conc, Det F3	8020037	282.000	Ft
0780	Valley Gutter, Conc	8020060	60.000	Ft
0790	_ Valley Gutter, Conc, 10.5 inch, Modified	8027001	92.000	Ft
0800	Conc Barrier, Single Face, Type C	8040003	258.000	Ft
0810	Guardrail, Type MGS-8	8070004	703.000	Ft
0820	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0830	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0840	Guardrail Reflector	8070080	20.000	Ea
0850	Guardrail Anch Bridge, Det T1, Modified	8070121	2.000	Ea
0860	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0870	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	2.000	Ea
0880	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	5.000	Ea
0890	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	14.000	Ea
0900	Post, Flexible, Delineator	8100360	21.000	Ea
0910	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,906.000	Ft
0920	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	33,045.000	Ft
0930	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	32,589.000	Ft
0940	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	4,245.000	Ft
0950	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,050.000	Ft
0960	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	5,454.000	Ft
0970	Rem Curing Compound, for Longit Mrkg, 8 inch	8110309	1,800.000	Ft
0980	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	345.000	Ft
0990	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1000	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	9,070.000	Ft
1010	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	220.000	Ft
1020	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
1030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
1040	Barricade, Type III, High Intensity, Lighted, Furn	8120022	60.000	Ea
1050	Barricade, Type III, High Intensity, Lighted, Oper	8120023	60.000	Ea

1060	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
1070	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	210.000	Ea
1080	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	210.000	Ea
1090	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	1.000	Ea
1100	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	5.000	Ea
1110	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	5.000	Ea
1120	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
1130	Conc Barrier Reflector Replacement	8120070	50.000	Ea
1140	Conc Barrier, Temp, Adj	8120080	1,400.000	Ft
1150	Conc Barrier, Temp, Furn	8120081	3,640.000	Ft
1160	Conc Barrier, Temp, Oper	8120082	3,640.000	Ft
1170	Conc Barrier, Temp, Relocated	8120083	400.000	Ft
1180	High Intensity Light, Type B, Furn	8120110	3.000	Ea
1190	High Intensity Light, Type B, Oper	8120111	3.000	Ea
1200	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1210	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1220	Ltg for Night Work	8120160	1.000	LSUM
1230	Minor Traf Devices	8120170	1.000	LSUM
1240	Mobile Attenuator	8120180	2.000	Ea
1250	Pavt Mrkg Cover, Type R, Black	8120200	840.000	Ft
1260	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,001.000	Ft
1270	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	4,939.000	Ft
1280	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	945.000	Ft
1290	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	42,340.000	Ft
1300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	35,420.000	Ft
1310	Pavt Mrkg, Wet Reflective, Type NR, Paint, 8 inch, White, Temp	8120237	9,090.000	Ft
1320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	14,380.000	Ft
1330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,422.000	Ft
1340	Pavt Mrkg, Wet Reflective, Type R, Tape, 8 inch, White, Temp	8120247	9,200.000	Ft
1350	Pavt Mrkg, Wet Reflective, Type R, Tape, 8 inch, Yellow, Temp	8120248	4,940.000	Ft
1360	Plastic Drum, Fluorescent, Furn	8120252	1,330.000	Ea
1370	Plastic Drum, Fluorescent, Oper	8120253	1,330.000	Ea
1380	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	32.000	Ft
1390	PTS System, Temp, Furn	8120270	1.000	Ea
1400	PTS System, Temp, Oper	8120271	1.000	Ea
1410	Sign Cover	8120310	300.000	Ea
1420	Sign Cover, Type 1	8120320	1.000	Ea
1430	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea

1440	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
1450	Sign, Type A, Temp, Prismatic, Furn	8120340	1,692.000	Sft
1460	Sign, Type A, Temp, Prismatic, Oper	8120341	1,692.000	Sft
1470	Sign, Type B, Temp, Prismatic, Furn	8120350	5,263.000	Sft
1480	Sign, Type B, Temp, Prismatic, Oper	8120351	5,263.000	Sft
1490	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,675.000	Sft
1500	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,675.000	Sft
1510	Traf Regulator Control	8120370	1.000	LSUM
1520	_ Temp Rumble Strips (Orange)	8127001	690.000	Ft
1530	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	19.000	Ea
1540	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	19.000	Ea
1550	Slope Restoration, Type A	8160100	500.000	Syd
1560	Slope Restoration, Type B	8160101	5,225.000	Syd
1570	Slope Restoration, Type C	8160102	460.000	Syd
1580	TS Face, Bag	8200458	6.000	Ea
1590	TS Face, Bag, Rem	8200459	6.000	Ea
1600	Shoulder Corrugations, Ground or Cut, Conc	8220000	630.000	Ft
1610	Shoulder Corrugations, Ground or Cut, HMA	8220001	29,300.000	Ft
1620	Contractor Staking	8240001	1.000	LSUM
1630	Staking Plan Errors and Extras, One Person	8240020	56.000	Hr
1640	Staking Plan Errors and Extras, Two Person	8240021	24.000	Hr
1650	Staking Plan Errors and Extras, Three Person	8240022	32.000	Hr
1660	Flowable Fill, Non-Structural	8260148	5.000	Cyd

Section: 2

1670	Structures, Rem Portions (S10 of 41029)	2040061	1.000	LSUM
1680	Backfill, Structure, CIP	2060002	7.000	Cyd
1690	Excavation, Fdn	2060010	45.000	Cyd
1700	HMA Patch, Rem	5010006	2.000	Syd
1710	Bridge Ltg, Furn and Rem (S12 of 41029)	7060001	1.000	LSUM
1720	Bridge Ltg, Furn and Rem (S13 of 41029)	7060001	1.000	LSUM
1730	Bridge Ltg, Oper and Maintain	7060002	414.000	Cyd
1740	Conc, Grade D	7060010	44.000	Cyd
1750	Expansion Joint Device	7060050	338.000	Ft
1760	Expansion Joint Device, Cover Plate	7060051	24.000	Ft
1770	False Decking	7060060	13,665.000	Sft
1780	Reinforcement, Steel, Epoxy Coated	7060092	93,928.000	Lb
1790	Superstructure Conc, Form, Finish, and Cure, Night Casting (S12 of 41029)	7060112	1.000	LSUM
1800	Superstructure Conc, Form, Finish, and Cure, Night Casting (S13 of 41029)	7060112	1.000	LSUM
1810	Superstructure Conc, Night Casting, High Performance	7060117	414.000	Cyd
1820	_ Texturing Conc	7067011	201.000	Syd
1830	Shear Developers	7070040	1.000	LSUM

1840	Joint Waterproofing	7100001	508.000	Sft
1850	Substructure Horizontal Surface Sealer (S10 of 41029)	7100030	14.000	Syd
1860	Substructure Horizontal Surface Sealer (S12 of 41029)	7100030	56.000	Syd
1870	Substructure Horizontal Surface Sealer (S13 of 41029)	7100030	40.000	Syd
1880	Bridge Railing, Thrie Beam Retrofit	7110006	270.000	Ft
1890	Bridge Railing, Aesthetic, Type 6, Det 1, High Performance	7110055	753.000	Ft
1900	Scarifying	7120001	347.000	Syd
1910	Hand Chipping, Shallow	7120003	70.000	Syd
1920	Hand Chipping, Deep	7120004	95.000	Syd
1930	Hand Chipping, Other Than Deck	7120007	1,433.000	Cft
1940	Patch, Forming	7120017	3,036.000	Sft
1950	Conc, Bridge Deck Ovly	7120023	54.000	Cyd
1960	Bridge Deck Surface Construction	7120025	1,213.000	Syd
1970	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	18.000	Ea
1980	Structures, Rehabilitation, Rem Portions (S12 of 41029)	7120070	1.000	LSUM
1990	Structures, Rehabilitation, Rem Portions (S13 of 41029)	7120070	1.000	LSUM
2000	Deck Joint, Rem	7120071	199.000	Ft
2010	Latex Conc Surface, Rem	7120072	866.000	Syd
2020	Hydrodemolition, First Pass	7120076	1,213.000	Syd
2030	Hydrodemolition, Second Pass	7120077	188.000	Syd
2040	Reinforcement, Mechanical Splice	7120084	50.000	Ea
2050	Bridge Joints, Clean and Seal (S14-4 of 41029)	7120095	1.000	LSUM
2060	Bridge Joints, Clean and Seal (S15-4 of 41029)	7120095	1.000	LSUM
2070	Top Flanges and Beam Ends, Clean and Coat	7120100	61.000	Syd
2080	Patching Conc, C-L	7120112	71.000	Cyd
2090	Embedded Galvanic Anode	7120120	1,201.000	Ea
2100	_ Column Wrap With Fiber Reinforced Polymer Sheet	7127010	2,631.000	Sft
2110	_ Hand Chipping, Special	7127010	65.000	Sft
2120	_ Hand Chipping, Full Depth	7127020	81.000	Cft
2130	_ Conc, Deep Bridge Deck Ovly	7127021	126.000	Cyd
2140	Beam Plate, Seal Perimeter	7130010	251.000	Ft
2150	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,386.000	Lb
2160	Support, Column, Temp	7130080	11.000	Ea
2170	_ Steel Structure, Cleaning, Spot, Type 4 (S12 of 41029)	7157051	1.000	LSUM
2180	_ Steel Structure, Coating, Spot, Type 4 (S12 of 41029)	7157051	1.000	LSUM
2190	Field Repair of Damaged Coating	7160001	1.000	LSUM
2200	Guardrail Reflector	8070080	12.000	Ea
2210	Culv, Temp	8120090	1.000	Ea
2220	Slope Paving Header	8130015	100.000	Ft
2230	Slope Paving, Conc	8130020	142.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 200306 049

Letting Date: March 6, 2020

Contract ID: 15091-204284

Description: 8.39 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, shoulder and centerline corrugations and pavement markings on US-131 from north of Thumb Lake Road northerly to just south of Bear River Road, Charlevoix County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204284A	20A0465	N/A	NH 15091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$228,900.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0030	Approach, CI II	3070021	9.000	Ton
0040	Shoulder, CI II	3070121	1,200.000	Ton
0050	Cold Milling HMA Surface	5010002	186,680.000	Syd
0060	HMA Surface, Rem	5010005	1,200.000	Syd
0070	HMA Quality Initiative	5010007	33,080.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	99,400.000	Dlr
0090	Hand Patching	5010025	210.000	Ton
0100	HMA, 5E1	5010056	14,400.000	Ton
0110	HMA Approach	5010061	270.000	Ton
0120	HMA, 5E1, High Stress	5010514	1,560.000	Ton
0130	HMA Approach, High Stress	5010520	100.000	Ton
0140	High Friction Surface Treatment	5060800	9,000.000	Syd
0150	_ Spray Applied Waterproofing Membrane	7107011	241.000	Syd
0160	_ Pavt Sensor, Invasive Condition, Replacement	8007050	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0220	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	200.000	Ft
0230	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	45.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,700.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	31,000.000	Ft

0260	Pavt Mrkg, Waterborne, 6 inch, White	8110233	89,200.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,700.000	Ft
0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	31,000.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	89,200.000	Ft
0300	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0310	Protective Ovly, Snowmobile Trail Crossing	8110550	50.000	Syd
0320	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	4,600.000	Ft
0330	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0340	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0350	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,500.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,500.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0410	PTS System, Temp, Furn	8120270	2.000	Ea
0420	PTS System, Temp, Oper	8120271	2.000	Ea
0430	Sign Cover	8120310	10.000	Ea
0440	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0450	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0460	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0470	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	1,912.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	1,912.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Monument Box Adjust	8210005	3.000	Ea
0520	Centerline Corrugations, Milled, HMA	8220013	40,100.000	Ft
0530	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	34,350.000	Ft
0540	Contractor Staking, Road Only	8240007	1.000	LSUM
0550	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
0560	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0570	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 050**Letting Date:** March 6, 2020**Contract ID:** 43011-204013

Description: 22.28 mi of hot mix asphalt shoulder repairs, overband crack fill, chip and fog seal and pavement markings on M-37 from the south Lake County line to north of Third Street, US-10 from the west Lake County line to west of M-37 and M-10 from west of Waverly Boulevard/Twin Creek Road to west of Depot Street in the village of Baldwin, Lake County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204013A	20A0448	N/A	ST 43011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$157,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	4,455.000	Ton
0030	_ Shoulder, CI II - Modified	3077031	2,380.000	Ton
0040	Cold Milling HMA Surface	5010002	5,550.000	Syd
0050	HMA Quality Initiative	5010007	1,630.000	Dlr
0060	Hand Patching	5010025	10.000	Ton
0070	HMA, LVSP	5010703	805.000	Ton
0080	Overband Crack Fill, Lane	5020003	46.580	Lnmi
0090	Chip Seal, Single, Warranty	5050040	445,509.000	Syd
0100	_ Seal, Fog	5057011	445,509.000	Syd
0110	Curb Sloped, HMA	8050010	1,050.000	Ft
0120	Delineator Reflector, Green	8100133	58.000	Ea
0130	Delineator Reflector, White	8100134	49.000	Ea
0140	Delineator, Rem	8100349	103.000	Ea
0150	Post, Rigid, Delineator	8100361	107.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0190	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	50.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,047.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	85,123.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	240,421.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,047.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	85,123.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	240,421.000	Ft
0260	Rem Spec Mrkg	8110343	280.000	Sft

0270	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0280	_ Traf Control	8127051	1.000	LSUM
0290	Monument Box	8210001	2.000	Ea
0300	Monument Preservation	8210010	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 051

Letting Date: March 6, 2020

Contract ID: 56023-204384

Description: 2.57 mi of hot mix asphalt cold milling and resurfacing, joint repairs, concrete pavement repairs, sidewalk ramp upgrades and pavement markings on M-20/US-10BR from Washington Street to US-10 in the city of Midland, Midland County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204384A	20A0437	N/A	NH 56023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$136,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	118.000	Ft
0030	Sidewalk, Rem	2040055	66.000	Syd
0040	Excavation, Earth	2050016	5.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0060	_ Shoulder, CI II, Modified	3077031	500.000	Ton
0070	Cold Milling HMA Surface	5010002	81,382.000	Syd
0080	HMA Surface, Rem	5010005	15.000	Syd
0090	HMA Quality Initiative	5010007	16,236.000	Dlr
0100	Longitudinal Joint Density Quality Initiative	5010018	24,632.000	Dlr
0110	Pavt Joint and Crack Repr, Det 7	5010020	11,462.000	Ft
0120	Pavt Joint and Crack Repr, Det 8	5010021	5,731.000	Ft
0130	Hand Patching	5010025	1,405.000	Ton
0140	HMA, 5E3	5010057	6,713.000	Ton
0150	Joint, Contraction, Cp	6020200	1,032.000	Ft
0160	Joint, Contraction, Crg	6030020	384.000	Ft
0170	Joint, Expansion, Erg	6030021	192.000	Ft
0180	Lane Tie, Epoxy Anchored	6030030	160.000	Ea
0190	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,483.000	Syd
0200	Pavt Repr, Rem	6030080	1,483.000	Syd
0210	Saw Cut, Intermediate	6030090	1,680.000	Ft
0220	Curb and Gutter, Conc, Det D2	8020031	25.000	Ft
0230	Detectable Warning Surface	8030010	67.000	Ft
0240	Curb Ramp Opening, Conc	8030030	93.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	595.000	Sft
0260	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	258.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	120.000	Ft

0280	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0290	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	2.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0340	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	28,448.000	Ft
0350	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	28,408.000	Ft
0360	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	2,980.000	Ft
0370	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0380	Recessing Pavt Mrkg, Longit	8110450	65,209.000	Ft
0390	Recessing Pavt Mrkg, Transv	8110451	650.000	Sft
0400	Pavt Mrkg, Thermopl, Rumble Strip	8110470	752.000	Ft
0410	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0420	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	700.000	Ea
0430	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	700.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Pavt Mrkg Cover, Type R, Black	8120200	200.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,373.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	600.000	Ft
0500	Sign Cover	8120310	10.000	Ea
0510	Sign, Type A, Temp, Prismatic, Furn	8120340	65.000	Sft
0520	Sign, Type A, Temp, Prismatic, Oper	8120341	65.000	Sft
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	1,996.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	1,996.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	8.000	Sft
0560	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	8.000	Sft
0570	_ Turf Establishment, Performance	8167011	10.000	Syd
0580	Shoulder Corrugations, Ground or Cut, HMA	8220001	7,750.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 200306 052

Letting Date: March 6, 2020

Contract ID: 17063-201161

Description: 7.42 mi of hot mix asphalt overlay, pavement removal for butt joints, concrete joint repair, aggregate shoulders, centerline corrugations and pavement markings on M-28 from west of M-221 to west of the southbound I-75 exit ramp, 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
201161A	N/A	N/A	M 17063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$133,200.00	1500001	1.000	LSUM
0020	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0030	Approach, CI II	3070021	148.000	Ton
0040	Shoulder, CI II	3070121	4,788.000	Ton
0050	Bump Grinding	5010004	100.000	Syd
0060	HMA Quality Initiative	5010007	23,568.000	Dlr
0070	Pavt for Butt Joints, Rem	5010008	3,231.000	Syd
0080	Longitudinal Joint Density Quality Initiative	5010018	44,162.000	Dlr
0090	Pavt Joint and Crack Repr, Det 7	5010020	150.000	Ft
0100	Pavt Joint and Crack Repr, Det 8	5010021	270.000	Ft
0110	Hand Patching	5010025	106.000	Ton
0120	HMA, 5E1	5010056	11,170.000	Ton
0130	HMA Approach	5010061	508.000	Ton
0140	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	48.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,407.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	78,356.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	11,407.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	78,356.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0200	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	226.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	226.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,200.000	Ft

0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0280	Sign Cover	8120310	10.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	890.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	890.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	Monument Box Adjust	8210005	14.000	Ea
0350	Protect Corners	8210020	15.000	Ea
0360	Centerline Corrugations, Milled, HMA	8220013	38,558.000	Ft
0370	Contractor Staking, Road Only	8240007	1.000	LSUM
0380	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0390	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0400	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
0410	_ Railroad Protection, at Grade Crossing	8507060	6,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 200306 053**Letting Date:** March 6, 2020**Contract ID:** 24011-204285

Description: 5.77 mi of hot mix asphalt crack treatment, cape and chip seal and pavement markings on US-31 from west of Division Street to west of Zaiger Road and from east of Manvel Road to south of Graham Road, Emmet County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204285A	20A0466	N/A	NH 24011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$101,600.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	21.000	Ea
0030	Shoulder, CI II	3070121	1,520.000	Ton
0040	Overband Crack Fill, Lane	5020003	4.790	Lnmi
0050	HMA Crack Treatment, Lane	5020005	11.790	Lnmi
0060	Micro-Surface, Single Cse, Warranty	5040020	101,396.000	Syd
0070	Seal, Single Chip	5050001	43,612.000	Syd
0080	_ Seal, Fog	5057011	43,612.000	Syd
0090	_ Seal, Single Chip, Modified	5057011	101,396.000	Syd
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0130	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	45.000	Ft
0140	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	55.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	26,305.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	55,840.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	36,110.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	26,305.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	55,840.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	36,110.000	Ft
0210	Rem Spec Mrkg	8110343	935.000	Sft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0240	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0250	Protective Ovly, Snowmobile Trail Crossing	8110550	62.000	Syd
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea

0280	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0300	Ltg for Night Work	8120160	1.000	LSUM
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	126.000	Ft
0330	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	10.000	Ea
0340	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,050.000	Ea
0350	Sign Cover	8120310	10.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP- Compliant, Furn	8120332	3.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP- Compliant, Oper	8120333	3.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	1,877.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	1,877.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 200306 054**Letting Date:** March 6, 2020**Contract ID:** 17042-208644

Description: 4.57 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, guardrail and pavement markings on Mackinac Trail from First Street to the I-75 northbound entrance ramps, 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
208644A	N/A	N/A	M 17042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$94,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	155.000	Ft
0030	Guardrail, Rem	2040035	113.000	Ft
0040	_ Berm Grading	2057002	3.000	Sta
0050	Approach, CI II	3070021	150.000	Ton
0060	Shoulder, CI II	3070121	3,715.000	Ton
0070	Cold Milling HMA Surface	5010002	82,107.000	Syd
0080	HMA Quality Initiative	5010007	14,082.000	Dlr
0090	Longitudinal Joint Density Quality Initiative	5010018	28,384.000	Dlr
0100	HMA, 5E1	5010056	6,785.000	Ton
0110	HMA Approach	5010061	256.000	Ton
0120	Curb and Gutter, Conc, Det F6	8020040	141.000	Ft
0130	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0140	Guardrail, Type B	8070000	113.000	Ft
0150	Guardrail, Type MGS-8	8070004	247.000	Ft
0160	Guardrail, Curved, Type B	8070010	38.000	Ft
0170	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0180	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0190	Guardrail Reflector	8070080	12.000	Ea
0200	Guardrail Height, Adj	8070100	500.000	Ft
0210	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	88.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	180.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	330.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	23,465.000	Ft
0250	Pavt Mrkg, Waterborne, 6 inch, White	8110233	46,930.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	330.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	23,465.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	46,930.000	Ft
0290	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0300	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0310	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	145.000	Ea
0330	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	145.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,950.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,950.000	Ft
0390	Sign Cover	8120310	4.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	592.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	592.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Slope Restoration, Type B	8160101	287.000	Syd
0440	Monument Box Adjust	8210005	8.000	Ea
0450	Monument Preservation	8210010	1.000	Ea
0460	Protect Corners	8210020	7.000	Ea
0470	Centerline Corrugations, Milled, HMA	8220013	19,639.000	Ft
0480	Contractor Staking, Road Only	8240007	1.000	LSUM
0490	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0500	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0510	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 200306 055**Letting Date:** March 6, 2020**Contract ID:** 27031-208432

Description: 8.20 mi of overband crack fill, double chip seal, aggregate shoulders and pavement markings on M-64 from the Wisconsin/Michigan state line to south of Norco Drive, Gogebic County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208432A	20A0458	N/A	ST 27031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$66,900.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	55.000	Sta
0030	Shoulder, CI II	3070121	2,164.000	Ton
0040	Overband Crack Fill, Lane	5020003	16.390	Lnmi
0050	Chip Seal, Double, Warranty	5050020	134,634.000	Syd
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,535.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	84,188.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	19,535.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	84,188.000	Ft
0100	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0110	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,800.000	Ft
0150	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0170	Sign Cover	8120310	10.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0210	Monument Box Adjust	8210005	2.000	Ea
0220	Protect Corners	8210020	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 056**Letting Date:** March 6, 2020**Contract ID:** 54032-115073

Description: 7.72 mi of hot mix asphalt cold milling and resurfacing, intermittent pavement repairs, single course chip sealing and pavement markings on M-66 from north of M-20 northerly to north of 17 Mile Road, Mecosta County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115073A	20A0460	N/A	ST 54032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$66,800.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	2,368.000	Ton
0030	Cold Milling HMA Surface	5010002	13,738.000	Syd
0040	HMA Quality Initiative	5010007	2,926.000	Dlr
0050	Hand Patching	5010025	5.000	Ton
0060	HMA, 5E3	5010057	535.000	Ton
0070	HMA Approach	5010061	133.000	Ton
0080	HMA, LVSP	5010703	790.000	Ton
0090	Overband Crack Fill, Lane	5020003	16.230	Lnmi
0100	Chip Seal, Single, Warranty	5050040	133,228.000	Syd
0110	_ Seal, Fog	5057011	133,228.000	Syd
0120	Delineator Reflector, Green	8100133	26.000	Ea
0130	Post, Rigid, Delineator	8100361	26.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0190	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	142.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	95.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,056.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,748.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	83,523.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,056.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,748.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	83,523.000	Ft
0270	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr

0280	_ Traf Control	8127051	1.000	LSUM
0290	Monument Box	8210001	8.000	Ea
0300	Monument Preservation	8210010	8.000	Ea
0310	Protect Corners	8210020	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 057**Letting Date:** March 6, 2020**Contract ID:** 15031-204299**Description:** 99.75 Lnmi of hot mix asphalt crack treatment on state trunklines, Antrim, Charlevoix, Cheboygan, Otsego and Montmorency Counties. This project includes a 2 year pavement performance warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204299A	20A0472	N/A	NH 15031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$42,000.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane	5020005	58.090	Lnmi
0030	HMA Crack Treatment, Lane, Warranty	5020027	41.660	Lnmi
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,700.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	235,400.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	475,300.000	Ft
0070	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Sign Cover	8120310	12.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	1,568.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	1,568.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 200306 058

Letting Date: March 6, 2020

Contract ID: 28013-204082

Description: 42.14 mi of hot mix asphalt crack treatment at various locations on US-31, M-72 and US-31/M-72 in the city of Traverse City, Grand Traverse, Leelanau and Manistee Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204082A	20A0467	N/A	NH 28013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,100.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	112.040	Lnmi
0030	_ Traf Control	8127051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 200306 059**Letting Date:** March 6, 2020**Contract ID:** 65011-204199

Description: 37.14 mi of hot mix asphalt crack treatment and pavement markings on M-30 from Sergeant Road to south M-55, on M-33 from south of Grand Jean Road to north of Oyster Road, on M-55 from west of Chambers Road to north of German Street, from east of M-33 to west of Beach Road, from south of Old M-55 to west of Green Road and from west of Gray Road to west of Husted Drive, Iosco, Ogemaw, and Roscommon Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204199A	20A0464	N/A	ST 65011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$32,600.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	79.060	Lnmi
0030	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,560.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	160,130.000	Ft
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	390,750.000	Ft
0060	_ Traf Control	8127051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 200306 060

Letting Date: March 6, 2020

Contract ID: 72021-204274

Description: 2.27 mi of overband crack fill, single course micro-surface, single course chip seal with fog seal and pavement markings on M-55 from west of the Roscommon County line easterly to east of Michelson Road, Roscommon and Missaukee Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204274A	20A0468	N/A	ST 72021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$23,600.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0030	Overband Crack Fill, Lane	5020003	4.620	Lnmi
0040	Micro-Surface, Single Cse	5040010	23,500.000	Syd
0050	Chip Seal, Single, Warranty	5050040	42,000.000	Syd
0060	_ Seal, Fog	5057011	42,000.000	Syd
0070	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	550.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,900.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	23,900.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	550.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,900.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	23,900.000	Ft
0140	Rem Spec Mrkg	8110343	170.000	Sft
0150	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	15.000	Ea
0220	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	950.000	Ea
0230	Sign Cover	8120310	6.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	803.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	803.000	Sft

0260	Traf Regulator Control	8120370	1.000	LSUM
0270	Monument Box	8210001	1.000	Ea
0280	Monument Box Adjust	8210005	4.000	Ea
0290	Monument Preservation	8210010	1.000	Ea
0300	Contractor Staking, Road Only	8240007	1.000	LSUM
0310	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0320	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0330	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 200306 061**Letting Date:** March 6, 2020**Contract ID:** 49025-208426

Description: Construction of a new Portable Intermittent Weigh Station (PITWS) at the I-75 northbound St. Ignace Welcome Center including concrete pavement, open graded base, drainage and pavement markings, Mackinac County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208426A	20A0469	N/A	ST 49025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,100.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	925.000	Syd
0030	Sidewalk, Rem	2040055	2.000	Syd
0040	Exploratory Investigation, Vertical	2040080	20.000	Ft
0050	Embankment, CIP	2050010	30.000	Cyd
0060	Excavation, Earth	2050016	475.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	20.000	Cyd
0090	Erosion Control, Silt Fence	2080036	260.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0110	Subbase, CIP	3010002	50.000	Cyd
0120	_ Open-Graded Dr Cse, 16 inch	3037011	950.000	Syd
0130	Geotextile, Separator	3080005	950.000	Syd
0140	Underdrain, Pipe, Open-Graded, 6 inch	4040043	428.000	Ft
0150	Underdrain Outlet, 6 inch	4040093	35.000	Ft
0160	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0170	HMA Surface, Rem	5010005	925.000	Syd
0180	Conc Pavt with Integral Curb, Nonreinf, 10 inch	6020168	923.000	Syd
0190	Joint, Contraction, Cp	6020200	588.000	Ft
0200	Conc Quality Initiative	6020401	600.000	Dlr
0210	_ Portable Intermittent Truck Weigh Station Trench	8007050	1.000	Ea
0220	Curb Ramp Opening, Conc	8030030	9.000	Ft
0230	Sidewalk Ramp, Conc, 4 inch	8030034	24.000	Sft
0240	Post, Steel, 3 lb	8100371	15.000	Ft
0250	Sign, Type IIIB	8100405	9.000	Sft
0260	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	500.000	Ft

0270	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0320	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0330	Sign Cover	8120310	2.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	70.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	70.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	15.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	15.000	Sft
0380	Water, Sodding/Seeding	8160090	1.000	Unit
0390	Slope Restoration, Type A	8160100	100.000	Syd
0400	Contractor Staking, Road Only	8240007	1.000	LSUM
0410	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0420	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0430	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 200306 062

Letting Date: March 6, 2020

Contract ID: 82072-128403-2

Description: 0.06 mi of hot mix asphalt cold milling and resurfacing, concrete curb, detail 7 and 8 joint repairs and pavement markings on M-3 (Gratiot Avenue) at Randolph Street, Macomb Street and Broadway Street in the city of Detroit, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128403A	N/A	N/A	GF15 82072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	30.000	Ft
0030	Pavt, Rem	2040050	25.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0050	Dr Structure Cover, Adj, Case 1, Modified	4030004	5.000	Ea
0060	Cold Milling HMA Surface	5010002	2,320.000	Syd
0070	HMA Quality Initiative	5010007	462.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	2,600.000	Dlr
0090	Pavt Joint and Crack Repr, Det 7	5010020	110.000	Ft
0100	Pavt Joint and Crack Repr, Det 8	5010021	50.000	Ft
0110	Hand Patching	5010025	20.000	Ton
0120	HMA Approach, High Stress	5010520	211.000	Ton
0130	Cold Milling Conc Pavt	6030014	325.000	Syd
0140	Curb, Conc, Det E4	8020004	30.000	Ft
0150	Fence, Protective	8080007	1,000.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	470.000	Ft
0170	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	130.000	Ft
0180	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0220	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	730.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,100.000	Ft
0240	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea

0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0270	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0280	Pedestrian Type II Channelizer, Temp	8120027	50.000	Ft
0290	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	500.000	Ft
0340	Plastic Drum, Fluorescent, Furn	8120252	175.000	Ea
0350	Plastic Drum, Fluorescent, Oper	8120253	175.000	Ea
0360	Sign Cover	8120310	10.000	Ea
0370	Sign, Type A, Temp, Prismatic, Furn	8120340	60.000	Sft
0380	Sign, Type A, Temp, Prismatic, Oper	8120341	60.000	Sft
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	2,750.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	2,750.000	Sft
0410	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	40.000	Sft
0420	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	40.000	Sft
0430	Monument Box Adjust	8210005	1.000	Ea
0440	Gate Box, Adj, Case 1	8230431	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 063

Letting Date: March 6, 2020

Contract ID: 09101-127506

Description: 10.72 mi of guardrail removal and replacement, removal of two emergency crossovers, high friction surface treatment and pavement markings on US-10 from I-75 to Flajole Road in the city of Auburn, Bay County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127506A	20A0408	N/A	HSIP 09101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$263,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Guardrail, Rem	2040035	6,285.000	Ft
0040	Embankment, LM	2050011	4.000	Cyd
0050	Excavation, Earth	2050016	164.000	Cyd
0060	_ Shoulder, CI II, Modified	3027031	8.000	Ton
0070	HMA Surface, Rem	5010005	173.000	Syd
0080	High Friction Surface Treatment	5060800	17,522.000	Syd
0090	Joint, Contraction, Cp	6020200	72.000	Ft
0100	Joint, Contraction, Crg	6030020	72.000	Ft
0110	Lane Tie, Epoxy Anchored	6030030	50.000	Ea
0120	Pavt Repr, Nonreinf Conc, 10 inch	6030048	250.000	Syd
0130	Pavt Repr, Rem	6030080	250.000	Syd
0140	Saw Cut, Intermediate	6030090	36.000	Ft
0150	Resealing Trans Joints with Hot-Poured Rubber	6030100	4,100.000	Ft
0160	Resealing Longit Joints with Hot-Poured Rubber	6030101	4,940.000	Ft
0170	Guardrail, Type TD	8070003	225.000	Ft
0180	Guardrail, Type MGS-8	8070004	105,225.000	Ft
0190	Guardrail Approach Terminal, Type 3T	8070039	1.000	Ea
0200	Guardrail Approach Terminal, Type 2M	8070044	16.000	Ea
0210	Guardrail Departing Terminal, Type MGS	8070052	14.000	Ea
0220	Guardrail Reflector	8070080	2,120.000	Ea
0230	_ Guardrail, Long Span, Det MGS-1	8077050	12.000	Ea
0240	_ Guardrail, Long Span, Det MGS-2	8077050	16.000	Ea
0250	Sign, Type III, Rem	8100403	2.000	Ea
0260	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	510.000	Ft
0270	Rem Spec Mrkg	8110343	84.000	Sft

0280	Pavt Mrkg, Wet Retrflc Polyurea, 6 inch, White	8110501	6,531.000	Ft
0290	Pavt Mrkg, Wet Retrflc Polyurea, 12 inch, White	8110503	1,764.000	Ft
0300	Pavt Mrkg, Wet Retrflc Polyurea, 6 inch, Yellow	8110505	4,940.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	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, Longit, 6 inch or Less Width, Rem	8120210	11,471.000	Ft
0370	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,764.000	Ft
0380	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0390	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0400	Sign Cover	8120310	4.000	Ea
0410	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0420	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	1,611.000	Sft
0440	Sign, Type B, Temp, Prismatic, Oper	8120351	1,611.000	Sft
0450	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	60.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	60.000	Sft
0470	_ Turf Establishment, Performance	8167011	216.000	Syd
0480	Contractor Staking	8240001	1.000	LSUM
0490	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0500	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0510	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 200306 064

Letting Date: March 6, 2020

Contract ID: 73000-206483

Description: Application of pavement markings on various freeway and non-freeway routes, Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, Sanilac, Shiawasee, St. Clair and Tuscola Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206483A	20A0403	N/A	HSIP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$260,300.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	463,000.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,895,000.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,500,000.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,915,000.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	415,000.000	Ft
0070	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	50.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	262,000.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,140,000.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,100,000.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,850,000.000	Ft
0120	Pavt Mrkg, Waterborne, 12 inch, White	8110237	500.000	Ft
0130	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	5,120.000	Ft
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	46,500.000	Ft
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	1,100.000	Ft
0160	Recessing Pavt Mrkg, Longit	8110450	1,000.000	Ft
0170	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White	8110481	422,000.000	Ft
0180	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	335,000.000	Ft
0190	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	2,050.000	Ft
0200	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	7,650.000	Ft
0210	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	7,350.000	Ft
0220	_ Call Back, Intermediate Transportation, Freeway	8117003	225.000	Mi

	Longline, \$10.50			
0230	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	225.000	Mi
0240	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	50.000	Mi
0250	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	2.000	Ea
0260	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	2.000	Ea
0270	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	1.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	18,000.000	Ft
0300	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	200.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 200306 065

Letting Date: March 6, 2020

Contract ID: 70014-204257

Description: 5.05 mi of hot mix asphalt cold milling and resurfacing, full and partial depth concrete pavement joint repairs, concrete sidewalk and ramps, concrete joint resealing, diamond grinding and pavement markings on US-31 from south of M-45 to south Comstock Street, Ottawa County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204257A	20A0462	N/A	NH 70014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$157,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	81.000	Ft
0030	Excavation, Earth	2050016	10.000	Cyd
0040	_ Embankment, CIP, Special	2057021	10.000	Cyd
0050	Aggregate Base	3020001	2.000	Ton
0060	Shoulder, CI II	3070121	220.000	Ton
0070	Cold Milling HMA Surface	5010002	62,071.000	Syd
0080	HMA Surface, Rem	5010005	114.000	Syd
0090	HMA Quality Initiative	5010007	11,926.000	Dlr
0100	Hand Patching	5010025	5.000	Ton
0110	HMA, 5E3	5010057	5,958.000	Ton
0120	Joint, Contraction, Cp	6020200	184.000	Ft
0130	Cement	6030005	51.000	Ton
0140	Diamond Grinding Conc Pavt	6030015	6,240.000	Syd
0150	Joint, Contraction, Crg	6030020	5,068.000	Ft
0160	Joint, Expansion, Erg	6030021	916.000	Ft
0170	Lane Tie, Epoxy Anchored	6030030	83.000	Ea
0180	Non-Chloride Accelerator	6030035	1,522.000	Gal
0190	Pavt Repr, Nonreinf Conc, 10 inch	6030048	2,550.000	Syd
0200	Pavt Repr, Rem	6030080	2,731.000	Syd
0210	Saw Cut, Intermediate	6030090	1,980.000	Ft
0220	Sawing and Sealing Longit Pavt Joints	6030095	39,394.000	Ft
0230	Sawing and Sealing Trans Pavt Joints	6030096	22,300.000	Ft
0240	_ Joint, Tied, 2.5 foot, Special	6037001	545.000	Ft
0250	_ Conc Surface Patch, Special	6037011	251.000	Syd
0260	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch, Special	6037011	66.000	Syd
0270	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	66.000	Syd

0280	_ Pavt Repr, Nonreinf Conc, 15 inch	6037011	181.000	Syd
0290	Curb and Gutter, Conc, Det B2	8020016	51.000	Ft
0300	Detectable Warning Surface	8030010	40.000	Ft
0310	Curb Ramp Opening, Conc	8030030	30.000	Ft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	417.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	234.000	Sft
0340	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	18.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	26.000	Ea
0360	Pavt Mrkg, Polyurea, 4 inch, White	8110091	26,800.000	Ft
0370	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	250.000	Ft
0380	Pavt Mrkg, Polyurea, 6 inch, White	8110094	53,300.000	Ft
0390	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	53,500.000	Ft
0400	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	1,100.000	Ft
0410	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	750.000	Ft
0420	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	400.000	Ft
0430	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0440	Recessing Pavt Mrkg, Longit	8110450	133,600.000	Ft
0450	Recessing Pavt Mrkg, Transv	8110451	2,000.000	Sft
0460	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,114.000	Ea
0470	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,114.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0530	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	960.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	960.000	Sft
0560	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	16.000	Sft
0570	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	16.000	Sft
0580	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
0590	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
0600	Slope Restoration, Type A	8160100	130.000	Syd
0610	Contractor Staking, Road Only	8240007	1.000	LSUM
0620	Staking Plan Errors and Extras, One Person	8240020	13.000	Hr
0630	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0640	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 200306 066**Letting Date:** March 6, 2020**Contract ID:** 81031-201038**Description:** 3.67 mi of hot mix asphalt cold milling and resurfacing, centerline and shoulder corrugations and pavement markings on US-12 from Feldkamp Road to Austin Road, Washtenaw County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201038A	N/A	N/A	M 81031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$107,300.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	500.000	Ton
0030	Cold Milling HMA Surface	5010002	101,386.000	Syd
0040	Bump Grinding	5010004	267.000	Syd
0050	HMA Quality Initiative	5010007	16,730.000	Dlr
0060	HMA, 5E1	5010056	8,365.000	Ton
0070	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,000.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	40,000.000	Ft
0090	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	40,000.000	Ft
0100	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Mobile Attenuator	8120180	1.000	Ea
0170	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	45,000.000	Ft
0180	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	45,000.000	Ft
0190	Sign Cover	8120310	10.000	Ea
0200	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0210	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	524.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	524.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	Centerline Corrugations, Milled, HMA	8220013	19,393.000	Ft
0260	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	38,786.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 200306 067**Letting Date:** March 6, 2020**Contract ID:** 09032-203156

Description: Placing scour countermeasures, articulating concrete block, riprap and earthwork on M-13/M-84 over the west channel of the Saginaw River, US-127 over Pine River and over Chippewa River and US-10 over Sturgeon Creek at 7 bridges in the cities of Bay City, St. Louis and Midland, Bay, Gratiot, Isabella and Midland Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203156A	20A0435	N/A	NH 09032
203157A	20A0436	N/A	NH 29011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.080	Acre
0030	Guardrail, Rem	2040035	50.000	Ft
0040	Excavation, Earth	2050016	1,950.000	Cyd
0050	Aggregate, 6A	2060001	1,950.000	Cyd
0060	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0080	Erosion Control, Silt Fence	2080036	1,060.000	Ft
0090	Geotextile, Separator	3080005	5,271.000	Syd
0100	Guardrail, Salv	8070075	50.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	35.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	35.000	Ea
0130	Pedestrian Type II Channelizer, Temp	8120027	267.000	Ft
0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	207.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	207.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Mobile Attenuator	8120180	1.000	Ea
0200	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,100.000	Ft
0210	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	500.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,600.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,589.000	Ft

0240	Sign Cover	8120310	9.000	Ea
0250	Sign Cover, Type 1	8120320	3.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	1,812.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	1,812.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	4.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	4.000	Sft
0320	Slope Restoration, Type A	8160100	5,271.000	Syd

Section: 2

0330	Erosion Control, Turbidity Curtain, Deep	2080042	2,140.000	Ft
0340	_ Articulating Conc Block System, 6 inch	2087011	760.000	Syd
0350	Riprap, Plain	8130011	420.000	Ton
0360	_ Riprap, Special, Class II	8137031	3,715.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 200306 068

Letting Date: March 6, 2020

Contract ID: 21000-206551

Description: Application of special pavement markings on various trunklines, Alger, Baraga, Chippewa, Houghton, Keweenaw, Luce, Marquette and Ontonagon Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206551A	20A0451	N/A	HSIP 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$49,300.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	11,940.000	Ft
0030	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	52.000	Ea
0040	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	4,044.000	Ft
0050	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	9,410.000	Ft
0060	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,671.000	Ft
0070	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	6,488.000	Ft
0080	Rem Spec Mrkg	8110343	1,000.000	Sft
0090	Pavt Mrkg, Polyurea, Lt Roundabout Arrow Sym	8110395	4.000	Ea
0100	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	3.000	Ea
0110	Pavt Mrkg, Polyurea, Lane	8110403	1.000	Ea
0120	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	210.000	Ea
0130	Pavt Mrkg, Polyurea, Only	8110410	207.000	Ea
0140	Pavt Mrkg, Polyurea, Railroad Sym	8110411	40.000	Ea
0150	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	78.000	Ea
0160	Pavt Mrkg, Polyurea, School	8110414	38.000	Ea
0170	Pavt Mrkg, Polyurea, Stop	8110415	8.000	Ea
0180	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	5.000	Ea
0190	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	4.000	Ea
0200	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	21.000	Ea
0210	Pavt Mrkg, Polyurea, Thru, Lt & Rt Turn Arrow Sym	8110419	1.000	Ea
0220	Pavt Mrkg, Thermopl, Rumble Strip	8110470	2,195.000	Ft
0230	Protective Ovly, Snowmobile Trail Crossing	8110550	2,000.000	Syd
0240	_ Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8117001	56.000	Ft
0250	_ Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, Yellow	8117001	56.000	Ft
0260	_ Call Back, Intermediate Transportation, Special Marking, \$4.55	8117003	500.000	Mi

0270	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	500.000	Mi
0280	_ Scarification, for Polyurea Spec Mrkg	8117010	65,200.000	Sft
0290	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	3.000	Ea
0300	_ Call Back, Mobilization, Special Marking, \$570.00	8117050	3.000	Ea
0310	_ Pavt Mrkg, Polyurea, Ahead	8117050	4.000	Ea
0320	_ Pavt Mrkg, Polyurea, Left	8117050	1.000	Ea
0330	_ Pavt Mrkg, Polyurea, Turn	8117050	1.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 200306 069**Letting Date:** March 6, 2020**Contract ID:** 11041-204423

Description: Installation of 6 cantilevers, concrete sidewalk, and sign upgrades on M-40, M-51, M-63 and Red Arrow Highway at various locations in the cities of St. Joseph, Stevensville, Niles and Paw Paw, Berrien and Van Buren Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204423A	20A0425	N/A	STG 11041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$41,700.00	1500001	1.000	LSUM
0020	Masonry and Conc Structure, Rem	2040045	8.000	Cyd
0030	Sidewalk, Rem	2040055	13.000	Syd
0040	Exploratory Investigation, Vertical	2040080	30.000	Ft
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0060	Project Cleanup	2090001	1.000	LSUM
0070	Subbase, CIP	3010002	2.000	Cyd
0080	Sidewalk, Conc, 4 inch	8030044	110.000	Sft
0090	Guardrail, Reconst, Type B	8070105	50.000	Ft
0100	Fence, Temp	8080004	100.000	Ft
0110	Band, Sign	8100010	14.000	Ea
0120	Cantilever, Rem	8100090	6.000	Ea
0130	Cantilever, Type E	8100104	6.000	Ea
0140	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	148.000	Ft
0150	Fdn, Cantilever, Rem	8100190	5.000	Ea
0160	Post, Steel, 3 lb	8100371	29.000	Ft
0170	Sign, Type I, Rem	8100391	10.000	Ea
0180	Sign, Type IA	8100392	1,377.000	Sft
0190	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0200	Sign, Type III, Rem	8100403	12.000	Ea
0210	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0220	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	80.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	80.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	1.000	Ea

0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Mobile Attenuator	8120180	1.000	Ea
0290	Sign Cover	8120310	5.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	395.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	395.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	8.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	8.000	Sft
0340	Contractor Staking	8240001	1.000	LSUM
0350	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0360	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0370	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 200306 070**Letting Date:** March 6, 2020**Contract ID:** 69023-206545

Description: Application of pavement markings on various routes, Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmett, Grand Traverse, Iosco, Kalkaska, Leelanau, Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon and Wexford Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206545A	20A0441	N/A	HSIP 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max 36,700.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	1,782.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,590.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	450.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	2.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	25.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	2.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	15.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	246.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	31.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	15.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	192.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, School	8110074	50.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	2.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	17.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	12.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	18.000	Ea
0180	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	9,500.000	Ft
0190	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	10.000	Ea
0200	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	12,000.000	Ft
0210	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	9,300.000	Ft
0220	Rem Spec Mrkg	8110343	22,000.000	Sft
0230	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0240	Pavt Mrkg, Polyurea, Merge	8110407	2.000	Ea

0250	Protective Ovly, Snowmobile Trail Crossing	8110550	750.000	Syd
0260	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	560.000	Ft
0270	_ Call Back, Intermediate Transportation, Special Markings, \$4.55	8117003	1,100.000	Mi
0280	_ Scarification, for Polyurea Spec Mrkg	8117010	34,000.000	Sft
0290	_ Call Back, Mobilization, Special Markings, \$570.00	8117050	5.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 200306 071**Letting Date:** March 6, 2020**Contract ID:** 19000-204216**Description:** 49.55 Lnmi of overband crack fill on M-21 from east of the Clinton County line to west of the St. Johns city limit and on M-50 from M-43 to Chester Road, Clinton and Eaton Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204216A	20A0470	N/A	ST 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,800.00	1500001	1.000	LSUM
0020	Overband Crack Fill, Lane	5020003	49.550	Lnmi
0030	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	600.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	600.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Sign Cover	8120310	15.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	2,170.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	2,170.000	Sft
0110	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 200306 072

Letting Date: March 6, 2020

Contract ID: 50031-204872

Description: 0.20 mi of hot mix asphalt pavement removal and replacement, concrete curb and gutter, median island and pavement markings on M-97 at CN railroad crossing near Little Mack, Macomb 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
204872A	20A0438	N/A	STRH 50031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$10,000.00	1500001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	20.000	Ft
0030	_ Pavt, Rem, Special	2047011	194.000	Syd
0040	Project Cleanup	2090001	1.000	LSUM
0050	Aggregate Base	3020001	100.000	Ton
0060	HMA Quality Initiative	5010007	10.000	Dlr
0070	Hand Patching	5010025	5.000	Ton
0080	_ Curb and Gutter, Conc, Det B2, Modified	8027001	407.000	Ft
0090	Sidewalk, Conc, 6 inch	8030046	774.000	Sft
0100	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	18.000	Ea
0110	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0120	Post, Flexible, Delineator	8100360	18.000	Ea
0130	Post, Steel, 3 lb	8100371	40.000	Ft
0140	Post, Wood, 4 inch by 6 inch	8100380	52.000	Ft
0150	Sign, Type III, Rem	8100403	2.000	Ea
0160	Sign, Type IIIB	8100405	37.000	Sft
0170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0190	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	96.000	Ft
0200	Rem Spec Mrkg	8110343	362.000	Sft
0210	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	371.000	Ft
0220	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	1,554.000	Ft
0230	_ Pavt Mrkg, Polyurea, 6 inch, Yellow, Curb Marking	8117001	102.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea

0260	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg Cover, Type R, Black	8120200	1,312.000	Ft
0300	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,075.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,312.000	Ft
0320	Plastic Drum, Fluorescent, Furn	8120252	169.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	169.000	Ea
0340	Sign Cover	8120310	8.000	Ea
0350	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	683.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	683.000	Sft
0390	Slope Restoration, Type A	8160100	100.000	Syd
0400	Conduit, DB, 1, 3 inch	8190029	45.000	Ft
0410	Hh, Round	8190260	3.000	Ea
0420	Wood Pole, Cl 4, 35 foot	8190472	1.000	Ea
0430	Wood Pole, Cl 4, 40 foot	8190473	1.000	Ea
0440	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8190485	2.000	Ea
0450	Anchor Guy	8200001	1.000	Ea
0460	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0470	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
0480	Serv Disconnect	8200135	2.000	Ea
0490	Sign Optical, (LED)	8200373	2.000	Ea
0500	Contractor Staking, Road Only	8240007	1.000	LSUM
0510	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0520	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0530	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0540	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 200306 073**Letting Date:** March 6, 2020**Contract ID:** 38111-206049**Description:** Installation of virtual weigh station (VWS) camera equipment at weigh-in-motion (WIM) location 1 on US-127 south of Hart Road and location 2 on I-94 at 21 1/2 Mile Road, Jackson and Calhoun Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206049A	20A0440	N/A	NH 23061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$6,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0040	_ Cabinet Entry, Through Metal	8007050	2.000	Ea
0050	_ Cabinet Modifications	8007050	2.000	Ea
0060	_ Camera System	8007050	2.000	Ea
0070	_ Power Distribution Unit	8007050	2.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0120	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0130	Sign Cover	8120310	40.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	616.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	616.000	Sft
0160	Conduit, DB, 2, 3 inch	8190032	20.000	Ft
0170	_ Hh, Round, Electric	8197050	1.000	Ea
0180	Pedestal, Alum	8200100	2.000	Ea
0190	Pedestal, Fdn	8200105	2.000	Ea
0200	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 200306 074**Letting Date:** March 6, 2020**Contract ID:** 67051-202567

Description: 56.12 mi of non-freeway signing upgrades on M-61 from M-115 to the west Clare County line, on M-115 from M-37 to the west Clare County line and on M-37 from M-115 to the north Wexford County line, Osceola and Wexford Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202567A	20A0423	N/A	STG 67051
202908A	20A0452	N/A	STG 83052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,200.00	1500001	1.000	LSUM
0020	Band, Sign	8100010	4.000	Ea
0030	Delineator Reflector, Green	8100133	10.000	Ea
0040	Delineator Reflector, White	8100134	93.000	Ea
0050	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	56.000	Ea
0060	Fdn, Wood Support, Rem	8100280	140.000	Ea
0070	Installing MDOT Supplied Sign, Type III	8100302	91.000	Ea
0080	Post Hole Through Conc for Steel Post	8100340	27.000	Ea
0090	Post Hole Through Conc for Wood Post	8100341	5.000	Ea
0100	Delineator, Rem	8100349	106.000	Ea
0110	Post, Flexible, Delineator	8100360	33.000	Ea
0120	Post, Rigid, Delineator	8100361	99.000	Ea
0130	Post, Steel, 3 lb	8100371	23,442.000	Ft
0140	Post, Wood, 4 inch by 6 inch	8100380	2,038.000	Ft
0150	Post, Wood, 6 inch by 8 inch	8100382	940.000	Ft
0160	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0170	Sign, Type II, Rem	8100397	188.000	Ea
0180	Sign, Type IIA	8100398	1,675.000	Sft
0190	Sign, Type IIB	8100399	87.000	Sft
0200	Sign, Type III, Erect, Salv	8100402	62.000	Ea
0210	Sign, Type III, Rem	8100403	1,241.000	Ea
0220	Sign, Type IIIA	8100404	1,850.000	Sft
0230	Sign, Type IIIB	8100405	4,850.000	Sft
0240	Sign, Type VA	8100424	48.000	Sft
0250	Sign, Type VB	8100425	727.000	Sft
0260	Reflective Panel for Permanent Sign Support, 3 foot	8100613	180.000	Ea

0270	Reflective Panel for Permanent Sign Support, 6 foot	8100616	568.000	Ea
0280	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0290	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Mobile Attenuator	8120180	1.000	Ea
0340	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0350	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0360	Sign Cover	8120310	2.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	483.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	483.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Contractor Staking	8240001	1.000	LSUM
0410	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0420	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0430	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 075**Letting Date:** March 6, 2020**Contract ID:** 27021-112331**Description:** Hot mix asphalt car pool parking lot surfacing on US-2 at Lakeshore Drive, northeast quadrant, in the city of Wakefield, Gogebic County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
112331A	20A0445	N/A	ST 27021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$6,100.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	52.000	Cyd
0030	Erosion Control, Check Dam, Stone	2080012	10.000	Ft
0040	Erosion Control, Sediment Trap	2080034	1.000	Ea
0050	Erosion Control, Silt Fence	2080036	100.000	Ft
0060	Aggregate Base	3020001	458.000	Ton
0070	Shoulder, CI II	3070121	51.000	Ton
0080	HMA Quality Initiative	5010007	320.000	Dlr
0090	HMA Approach	5010061	160.000	Ton
0100	Post, Steel, 3 lb	8100371	42.000	Ft
0110	Sign, Type IIIA	8100404	13.000	Sft
0120	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
0130	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	398.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0180	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	33.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	33.000	Sft
0210	Fertilizer, Chemical Nutrient, CI A	8160020	29.000	Lb
0220	Mulch	8160025	596.000	Syd
0230	Mulch Anchoring	8160026	596.000	Syd
0240	Seeding, Mixture THV	8160040	28.000	Lb
0250	Topsoil Surface, Furn, 4 inch	8160062	258.000	Syd
0260	Topsoil Surface, Salv, 4 inch	8160077	338.000	Syd



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 076**Letting Date:** March 6, 2020**Contract ID:** 16091-204288

Description: 5.58 mi of concrete pavement repair, protective concrete treatment, joint sealing, joint repair and pavement markings on I-75 from Topinabee Mail Route to Riggsville Road and on M-32 at Dickerson Road in the city of Gaylord, Otsego County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204288A	20A0463	N/A	NH 16091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,200.00	1500001	1.000	LSUM
0020	_ Asphalt Repair Mastic	5027001	1,800.000	Ft
0030	Joint, Contraction, Cp	6020200	168.000	Ft
0040	Joint, Pressure Relief	6020213	304.000	Ft
0050	Cement	6030005	4.000	Ton
0060	Crack Sealing, Conc Pavt	6030010	2,200.000	Ft
0070	Joint, Contraction, Crg	6030020	292.000	Ft
0080	Joint, Expansion, Erg	6030021	209.000	Ft
0090	Lane Tie, Epoxy Anchored	6030030	86.000	Ea
0100	Pavt Repr, Nonreinf Conc, 10 inch	6030048	196.000	Syd
0110	Pavt Repr, Rem	6030080	196.000	Syd
0120	Saw Cut, Intermediate	6030090	418.000	Ft
0130	Sawing and Sealing Longit Pavt Joints	6030095	270.000	Ft
0140	Sawing and Sealing Trans Pavt Joints	6030096	608.000	Ft
0150	Resealing Trans Joints with Hot-Poured Rubber	6030100	116,852.000	Ft
0160	Resealing Longit Joints with Hot-Poured Rubber	6030101	116,481.000	Ft
0170	_ Protective Conc Pavt Joint Treatment	6037001	216,640.000	Ft
0180	_ Pavt Repr, Overlay, Nonreinf Conc	6037021	40.000	Cyd
0190	_ Pavt Repr, Overlay, Rem	6037021	40.000	Cyd
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	46,630.000	Ft
0210	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	46,630.000	Ft
0220	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,500.000	Ft
0230	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	90.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	198.000	Ft
0250	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	11,658.000	Ft
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea

0280	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Ltg for Night Work	8120160	1.000	LSUM
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Sign Cover	8120310	10.000	Ea
0330	Sign, Type A, Temp, Prismatic, Furn	8120340	32.000	Sft
0340	Sign, Type A, Temp, Prismatic, Oper	8120341	32.000	Sft
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	1,652.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	1,652.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	64.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	64.000	Sft



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 077**Letting Date:** March 6, 2020**Contract ID:** 16033-204263

Description: 1.15 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk and pavement markings on US-23 from Main Street to the Little Black River Bridge and on US-27 at Lincoln Street in the city of Cheboygan, Cheboygan County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204263A	N/A	N/A	M 16033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$42,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	80.000	Ft
0030	Pavt, Rem	2040050	100.000	Syd
0040	Sidewalk, Rem	2040055	36.000	Syd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	47.000	Ea
0060	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0070	Dr Structure Cover, Type B	4030010	7.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0090	Cold Milling HMA Surface	5010002	31,053.000	Syd
0100	HMA Surface, Rem	5010005	23.000	Syd
0110	HMA Quality Initiative	5010007	5,962.000	Dlr
0120	Longitudinal Joint Density Quality Initiative	5010018	18,153.000	Dlr
0130	Hand Patching	5010025	80.000	Ton
0140	HMA Approach	5010061	76.000	Ton
0150	HMA Approach, High Stress	5010520	97.000	Ton
0160	HMA, LVSP	5010703	2,728.000	Ton
0170	_ Sidewalk, Wood, Temp	8007001	80.000	Ft
0180	Curb and Gutter, Conc, Det C6	8020025	20.000	Ft
0190	Detectable Warning Surface	8030010	20.000	Ft
0200	Curb Ramp Opening, Conc	8030030	80.000	Ft
0210	Sidewalk, Conc, 4 inch	8030044	320.000	Sft
0220	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	408.000	Ft
0230	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	116.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,900.000	Ft
0250	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,150.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,900.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	11,150.000	Ft

0280	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0290	Recessing Pavt Mrkg, Transv	8110451	204.000	Sft
0300	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Ltg for Night Work	8120160	1.000	LSUM
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	11,900.000	Ft
0380	Sign Cover	8120310	6.000	Ea
0390	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0400	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	Gate Box, Adj, Case 1	8230431	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 200306 078**Letting Date:** March 6, 2020**Contract ID:** 78061-203672

Description: 0.76 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramp upgrades, signing and pavement markings on M-86 from the west village limits of Centreville to Nottawa Street in the village of Centreville, St. Joseph County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203672A	20A0471	N/A	ST 78061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	176.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0040	Pavt, Rem	2040050	19.000	Syd
0050	Sidewalk, Rem	2040055	140.000	Syd
0060	Embankment, CIP	2050010	2.000	Cyd
0070	Excavation, Earth	2050016	39.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	33.000	Ea
0100	Subbase, CIP	3010002	23.000	Cyd
0110	Aggregate Base, 3 inch	3020008	92.000	Syd
0120	Dr Structure Cover, Adj, Case 1, Modified	4030004	14.000	Ea
0130	Cold Milling HMA Surface	5010002	20,001.000	Syd
0140	HMA Surface, Rem	5010005	41.000	Syd
0150	HMA Quality Initiative	5010007	3,366.000	Dlr
0160	Longitudinal Joint Density Quality Initiative	5010018	8,670.000	Dlr
0170	Hand Patching	5010025	12.000	Ton
0180	HMA, 5E1	5010056	1,568.000	Ton
0190	HMA Approach	5010061	103.000	Ton
0200	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	36.000	Syd
0210	Curb and Gutter, Conc, Det F4	8020038	99.000	Ft
0220	Detectable Warning Surface	8030010	75.000	Ft
0230	Curb Ramp Opening, Conc	8030030	104.000	Ft
0240	Sidewalk Ramp, Conc, 6 inch	8030036	594.000	Sft
0250	Sidewalk, Conc, 4 inch	8030044	500.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	238.000	Sft

0270	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0280	Post, Steel, 3 lb	8100371	81.000	Ft
0290	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0300	Sign, Type III, Rem	8100403	3.000	Ea
0310	Sign, Type IIIA	8100404	6.000	Sft
0320	Sign, Type IIIB	8100405	10.000	Sft
0330	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	486.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	66.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	530.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,240.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	530.000	Ft
0410	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,240.000	Ft
0420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0430	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	1,418.000	Ft
0440	Recessing Pavt Mrkg, Transv	8110451	698.000	Sft
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0470	Pedestrian Type II Barricade, Temp	8120026	48.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	44.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	720.000	Ft
0530	Plastic Drum, Fluorescent, Furn	8120252	110.000	Ea
0540	Plastic Drum, Fluorescent, Oper	8120253	110.000	Ea
0550	Sign Cover	8120310	10.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	732.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	732.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Fertilizer, Chemical Nutrient, CI A	8160020	4.000	Lb
0600	Mulch	8160025	80.000	Syd
0610	Mulch Blanket	8160027	17.000	Syd
0620	Seeding, Mixture TUF	8160042	5.000	Lb
0630	Topsoil Surface, Furn, 4 inch	8160062	97.000	Syd
0640	Wireless Vehicle Sensor Node, Salv	8200427	3.000	Ea
0650	TS Face, Bag	8200458	8.000	Ea
0660	TS Face, Bag, Rem	8200459	8.000	Ea
0670	Gate Box, Adj, Case 1	8230431	9.000	Ea

0680	Contractor Staking, Road Only	8240007	1.000	LSUM
0690	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0700	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0710	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 200306 079

Letting Date: March 6, 2020

Contract ID: 29012-207506

Description: 1.16 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-46 from US-127 to just west of Hidden Oaks Drive in the city of St. Louis, Gratiot County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207506A	N/A	N/A	M 29012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	95.000	Ft
0030	_ Shoulder, CI II, Modified	3077031	100.000	Ton
0040	Cold Milling HMA Surface	5010002	29,325.000	Syd
0050	HMA Surface, Rem	5010005	50.000	Syd
0060	HMA Quality Initiative	5010007	4,834.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	20,340.000	Dlr
0080	Hand Patching	5010025	20.000	Ton
0090	HMA, 5E1, High Stress	5010514	1,639.000	Ton
0100	HMA, LVSP	5010703	778.000	Ton
0110	Driveway Opening, Conc, Det M	8020050	95.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	264.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	80.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0170	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	976.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	8,750.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	11,771.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Recessing Pavt Mrkg, Longit	8110450	21,497.000	Ft
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	160.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	160.000	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	Pavt Mrkg Cover, Type R, Black	8120200	400.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,432.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,268.000	Ft
0310	Sign Cover	8120310	10.000	Ea
0320	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0330	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	1,016.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	1,016.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	TS Face, Bag	8200458	1.000	Ea
0380	TS Face, Bag, Rem	8200459	1.000	Ea
0390	Monument Box Adjust	8210005	2.000	Ea
0400	Protect Corners	8210020	2.000	Ea



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 080

Letting Date: March 6, 2020

Contract ID: 47000-204091

Description: 39.14 Lnmi of hot mix asphalt crack treatment on US-23 from M-14 northerly to Silver Lake Road, Washtenaw and Monroe Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204091A	20A0492	N/A	ST 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,000.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	39.140	Lnmi
0030	Ltg for Night Work	8120160	1.000	LSUM
0040	_ Traf Control	8127051	1.000	LSUM



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 081**Letting Date:** March 6, 2020**Contract ID:** 39000-131001

Description: 1.24 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps and pavement markings on Oakland Drive from Parkview Avenue to Howard Street in the city of Kalamazoo, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131001A	20A0313	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$352,700.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	9.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	1,175.000	Ft
0040	Curb and Gutter, Rem	2040020	3,035.000	Ft
0050	Guardrail, Rem	2040035	50.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0070	Pavt, Rem	2040050	190.000	Syd
0080	Sidewalk, Rem	2040055	1,185.000	Syd
0090	_ Curb and Gutter, Rem, Modified	2047001	2,360.000	Ft
0100	_ Pavt, Rem, Modified	2047011	11,910.000	Syd
0110	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	50.000	Ea
0130	Subbase, CIP	3010002	4,040.000	Cyd
0140	_ Aggregate Base, 8 inch, Modified	3027011	11,910.000	Syd
0150	Maintenance Gravel	3060020	860.000	Ton
0160	Sewer, CI E, 12 inch, Tr Det B	4020600	271.000	Ft
0170	Sewer, CI E, 18 inch, Tr Det B	4020602	910.000	Ft
0180	Sewer Tap, 15 inch	4021205	2.000	Ea
0190	Dr Structure Cover, Adj, Case 1	4030005	80.000	Ea
0200	Dr Structure Cover, Type K	4030050	33.000	Ea
0210	Dr Structure, 48 inch dia	4030210	4.000	Ea
0220	Dr Structure, 60 inch dia	4030220	1.000	Ea
0230	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0240	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0250	Dr Structure, Temp Lowering	4030390	52.000	Ea
0260	_ Dr Structure Cover, Type B, Modified	4037050	29.000	Ea
0270	_ Dr Structure Cover, Type Q, Modified	4037050	30.000	Ea

0280	_ Dr Structure, 24 inch Dia, Inlet	4037050	16.000	Ea
0290	Cold Milling HMA Surface	5010002	23,365.000	Syd
0300	Hand Patching	5010025	250.000	Ton
0310	HMA, 3C	5010031	2,215.000	Ton
0320	HMA, 4E1	5010050	4,045.000	Ton
0330	HMA, 5E1	5010056	3,035.000	Ton
0340	HMA Approach	5010061	515.000	Ton
0350	Conc Base Cse, Nonreinf, 6 inch	6020015	370.000	Syd
0360	_ Cold Milling Conc Pavt	6037011	56.000	Syd
0370	Driveway, Nonreinf Conc, 6 inch	8010005	190.000	Syd
0380	Curb and Gutter, Conc, Det F2	8020036	4,285.000	Ft
0390	Curb and Gutter, Conc, Det F4	8020038	810.000	Ft
0400	Driveway Opening, Conc, Det M	8020050	110.000	Ft
0410	Detectable Warning Surface	8030010	278.000	Ft
0420	Curb Ramp Opening, Conc	8030030	369.000	Ft
0430	Sidewalk Ramp, Conc, 6 inch	8030036	2,715.000	Sft
0440	Sidewalk, Conc, 4 inch	8030044	7,270.000	Sft
0450	Sidewalk, Conc, 6 inch	8030046	500.000	Sft
0460	Post, Steel, 3 lb	8100371	2,740.000	Ft
0470	Sign, Type IIB	8100399	25.000	Sft
0480	Sign, Type III, Rem	8100403	67.000	Ea
0490	Sign, Type IIIA	8100404	395.000	Sft
0500	Sign, Type IIIB	8100405	640.000	Sft
0510	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0520	Reflective Panel for Permanent Sign Support, 6 foot	8100616	48.000	Ea
0530	_ Sign, Type IIIA, Special	8107010	90.000	Sft
0540	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,210.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	330.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	36.000	Ea
0570	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	36.000	Ea
0580	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	26.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	1.000	Ea
0600	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	12.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	8.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0650	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,580.000	Ft
0660	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,875.000	Ft
0670	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,400.000	Ft
0680	_ Pavt Mrkg, Waterborne, Yellow, Curb Painting	8117001	75.000	Ft
0690	_ Pavt Mrkg, Ovly Cold Plastic, Left	8117050	1.000	Ea
0700	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea

0710	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0720	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0730	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0740	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0750	Dust Palliative, Applied	8120100	50.000	Ton
0760	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0770	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	660.000	Ft
0800	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	150.000	Ft
0810	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	7.000	Ea
0820	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	2.000	Ea
0830	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,500.000	Ft
0840	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,000.000	Ft
0850	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
0860	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
0870	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	1,000.000	Ft
0880	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,000.000	Ft
0890	Sign Cover	8120310	20.000	Ea
0900	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0910	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0920	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0930	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0940	Traf Regulator Control	8120370	1.000	LSUM
0950	Slope Restoration, Type B	8160101	2,765.000	Syd
0960	Pedestal, Alum	8200100	2.000	Ea
0970	Pedestal, Fdn	8200105	2.000	Ea
0980	Pedestal Fdn, Rem	8200106	1.000	Ea
0990	Pedestal, Rem	8200110	1.000	Ea
1000	Pushbutton, Rem	8200122	2.000	Ea
1010	Push Button Station and Sign	8200128	2.000	Ea
1020	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
1030	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1040	Pedestrian Signal System, Accessible	8200240	1.000	Ea
1050	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1060	_ Controller, ATC Type, Classic	8207050	1.000	Ea
1070	_ Video Detection Cameras and Processor, Modified	8207050	2.000	Ea
1080	Monument Box	8210001	3.000	Ea
1090	Monument Box Adjust	8210005	3.000	Ea
1100	Monument Preservation	8210010	3.000	Ea
1110	Gate Box, Adj, Temp, Case 1	8230391	5.000	Ea

1120	Gate Box, Adj, Case 2	8230432	5.000	Ea
1130	_ Copper Water Service Pipe, 1 1/4 inch	8237001	3,770.000	Ft
1140	_ Copper Water Service Pipe, 2 inch	8237001	530.000	Ft
1150	_ Polyethelene Encasement	8237001	300.000	Ft
1160	_ Water Main, Abondon with Flowable Fill	8237001	8,420.000	Ft
1170	_ Water Main, DI, 10 inch, Tr Det G, Modified	8237001	55.000	Ft
1180	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	245.000	Ft
1190	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	6,475.000	Ft
1200	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	105.000	Ft
1210	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	645.000	Ft
1220	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	895.000	Ft
1230	_ Insulation Board, 2 inch	8237010	500.000	Sft
1240	_ Butterfly Valve and Box, 12 inch, Modified	8237050	5.000	Ea
1250	_ Butterfly Valve and Box, 16 inch, Modified	8237050	30.000	Ea
1260	_ Connect to Existing Main, 10 inch	8237050	4.000	Ea
1270	_ Connect to Existing Main, 4 inch	8237050	5.000	Ea
1280	_ Connect to Existing Main, 6 inch	8237050	10.000	Ea
1290	_ Connect to Existing Main, 8 inch	8237050	5.000	Ea
1300	_ Curb Stop, 1 1/4 inch	8237050	94.000	Ea
1310	_ Curb Stop, 2 inch	8237050	12.000	Ea
1320	_ Fire Hydrant, Modified	8237050	25.000	Ea
1330	_ Gate Box, Adjust, Case 1, Modified	8237050	5.000	Ea
1340	_ Gate Box, Reconstruct, Modified	8237050	6.000	Ea
1350	_ Gate Valve and Box, 4 inch, Modified	8237050	2.000	Ea
1360	_ Gate Valve and Box, 6 inch, Modified	8237050	1.000	Ea
1370	_ Gate Valve and Box, 8 inch, Modified	8237050	14.000	Ea
1380	_ Hydrant, Rem, Modified	8237050	11.000	Ea
1390	_ Water Main, 10 inch, Cut and Plug, Modified	8237050	4.000	Ea
1400	_ Water Main, 4 inch, Cut and Plug, Modified	8237050	5.000	Ea
1410	_ Water Main, 6 inch, Cut and Plug, Modified	8237050	10.000	Ea
1420	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	5.000	Ea
1430	_ Water Service, 1 1/4 inch	8237050	94.000	Ea
1440	_ Water Service, 2 inch	8237050	12.000	Ea
1450	_ Sewer Lead, 6 inch	8257001	300.000	Ft
1460	_ Sewer Saddle, 6 inch	8257050	10.000	Ea
1470	System Integration and Testing	8260160	1.000	LSUM
1480	_ Compact Ductile Iron Fittings	8507030	15,725.000	Lb

Schedule of Pay Items

Report v1

Letting Call: 200306 082

Letting Date: March 6, 2020

Contract ID: 70000-201121-2

Description: 1.60 mi of hot mix asphalt shared use path, earthwork, concrete block retaining wall, drainage, timber piles, timber boardwalk and pavement markings along Terra Verde Course from 120th Avenue to 112th Avenue, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201121A	1900799	N/A	TA 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$248,400.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Curb and Gutter, Rem	2040020	200.000	Ft
0040	Fence, Rem	2040025	40.000	Ft
0050	Guardrail, Rem	2040035	100.000	Ft
0060	_ Machine Grading, Parking Lot	2057011	4,500.000	Syd
0070	Erosion Control, Silt Fence	2080036	5,000.000	Ft
0080	Aggregate Base, 6 inch	3020016	14,900.000	Syd
0090	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0100	Culv, CI A, 12 inch	4010131	260.000	Ft
0110	Culv, CI A, 15 inch	4010132	20.000	Ft
0120	Sewer, CI A, 15 inch, Tr Det B	4020034	13.000	Ft
0130	Sewer, CI E, 24 inch, Tr Det B	4020603	190.000	Ft
0140	Dr Structure Cover, Type B	4030010	1.000	Ea
0150	Dr Structure Cover, Type G	4030040	1.000	Ea
0160	Dr Structure, 48 inch dia	4030210	2.000	Ea
0170	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0180	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
0190	HMA Surface, Rem	5010005	120.000	Syd
0200	Hand Patching	5010025	5.000	Ton
0210	HMA, 4E1	5010050	250.000	Ton
0220	HMA, 5E1	5010056	250.000	Ton
0230	HMA Approach	5010061	45.000	Ton
0240	_ Pile, Treated Timber, Driven, Mod	7057001	5,760.000	Ft
0250	_ Pile, Treated Timber, Furn, Mod	7057001	5,760.000	Ft
0260	_ Test Pile, Treated Timber, Mod	7057001	240.000	Ft
0270	_ Modular Concrete Block Retaining Wall	7067010	7,065.000	Sft

0280	_ Treated Timber Retaining Wall	7067010	1,650.000	Sft
0290	_ 14 Foot Wide Treated Timber Boardwalk	7097001	726.000	Ft
0300	Curb and Gutter, Conc, Det B2	8020016	78.000	Ft
0310	Curb and Gutter, Conc, Det F4	8020038	90.000	Ft
0320	Driveway Opening, Conc, Det M	8020050	70.000	Ft
0330	_ Conc Parking Rail	8027050	13.000	Ea
0340	Detectable Warning Surface	8030010	140.000	Ft
0350	Curb Ramp Opening, Conc	8030030	100.000	Ft
0360	Sidewalk Ramp, Conc, 6 inch	8030036	420.000	Sft
0370	Sidewalk, Conc, 4 inch	8030044	1,750.000	Sft
0380	Sidewalk, Conc, 6 inch	8030046	1,440.000	Sft
0390	Shared use Path, Grading	8060030	8,525.000	Ft
0400	Shared use Path, HMA	8060040	1,750.000	Ton
0410	Guardrail, Type B	8070000	25.000	Ft
0420	Guardrail, Curved, Type B	8070010	75.000	Ft
0430	Fence, Structure	8080110	2,900.000	Sft
0440	_ Railing Fence	8087001	110.000	Ft
0450	Post, Flexible, Delineator	8100360	45.000	Ea
0460	Post, Steel, 3 lb	8100371	165.000	Ft
0470	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0480	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0490	Sign, Type III, Rem	8100403	6.000	Ea
0500	Sign, Type IIIA	8100404	30.000	Sft
0510	Sign, Type IIIB	8100405	112.000	Sft
0520	_ Sign, Entry	8107050	1.000	Ea
0530	_ Sign, Trailhead	8107050	1.000	Ea
0540	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	900.000	Ft
0550	_ Pavt Mrkg, Regular Dry, 12 inch, Cross Hatching, Blue	8117001	80.000	Ft
0560	_ Pavt Mrkg, Regular Dry, 12 inch, Cross Hatching, White	8117001	80.000	Ft
0570	_ Pavt Mrkg, Regular Dry, 24 inch, Stop Bar	8117001	45.000	Ft
0580	_ Pavt Mrkg, Regular Dry, 2nd Application, 12 inch, Cross Hatching, Blue	8117001	80.000	Ft
0590	_ Pavt Mrkg, Regular Dry, 2nd Application, 12 inch, Cross Hatching, White	8117001	80.000	Ft
0600	_ Pavt Mrkg, Regular Dry, 2nd Application, 24 inch, Stop Bar	8117001	45.000	Ft
0610	_ Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, Crosswalk	8117001	580.000	Ft
0620	_ Pavt Mrkg, Regular Dry, 2nd Application, for Rest Areas, Parks, & Lots, 4 inch,	8117001	45.000	Ft
0630	_ Pavt Mrkg, Regular Dry, 6 inch, Crosswalk	8117001	580.000	Ft
0640	_ Pavt Mrkg, Regular Dry, for Rest Areas, Parks, & Lots, 4 inch, White	8117001	400.000	Ft
0650	_ Pavt Mrkg, Regular Dry, 2nd Application, Accessible Sym	8117050	1.000	Ea
0660	_ Pavt Mrkg, Regular Dry, Accessible Sym	8117050	1.000	Ea

0670	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0680	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0690	Lighted Arrow, Type A, Furn	8120120	4.000	Ea
0700	Lighted Arrow, Type A, Oper	8120121	4.000	Ea
0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0730	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0760	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	9.000	Sft
0770	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	9.000	Sft
0780	Site Preparation, Max \$4900.00	8150001	1.000	LSUM
0790	Watering and Cultivating, First Season, Min \$2940.00	8150002	1.000	LSUM
0800	Watering and Cultivating, Second Season, Min \$2380.00	8150003	1.000	LSUM
0810	Acer rubrum Red Sunset, 2 inch	8150145	8.000	Ea
0820	Amelanchier canadensis, clump form, 4 foot	8150314	24.000	Ea
0830	Picea abies, 6 foot	8152742	6.000	Ea
0840	Picea omorika, 6 foot	8152788	5.000	Ea
0850	Pinus strobus, 8 foot	8152872	1.000	Ea
0860	Pseudotsuga menziesii, 6 foot	8152995	8.000	Ea
0870	Viburnum prunifolium, #5 cont.	8154130	33.000	Ea
0880	_ Bench	8157050	4.000	Ea
0890	_ Bike Loop	8157050	4.000	Ea
0900	_ Bike Repair Station	8157050	1.000	Ea
0910	_ Trash Receptacle	8157050	1.000	Ea
0920	Mulch Blanket	8160027	5,000.000	Syd
0930	Slope Restoration, Type A	8160100	20,115.000	Syd
0940	_ Seed Mixture, Basic Prairie	8167030	75.000	Lb
0950	_ Seed Mixture, Midwest Mesic Pollinator	8167030	7.000	Lb
0960	_ Seed Mixture, Slope Stabilization	8167030	20.000	Lb
0970	_ Maintenance, First Season	8167051	1.000	LSUM
0980	_ Maintenance, Second Season	8167051	1.000	LSUM
0990	_ Maintaining Water Sprinkler System	8237050	4.000	Ea



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 083**Letting Date:** March 6, 2020**Contract ID:** 70000-205364

Description: 0.40 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk and ramps, storm sewer and pavement markings on Fulton Avenue from Albee Street to Beechtree Street in the city of Grand Haven, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205364A	20A0366	N/A	STUL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$132,600.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Dr Structure, Rem	2030011	22.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	610.000	Ft
0050	Curb and Gutter, Rem	2040020	4,450.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0070	Pavt, Rem	2040050	1,250.000	Syd
0080	Sidewalk, Rem	2040055	1,675.000	Syd
0090	Exploratory Investigation, Vertical	2040080	25.000	Ft
0100	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0110	_ Machine Grading, Modified	2057002	21.000	Sta
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0130	Erosion Control, Sand Fence	2080030	800.000	Ft
0140	Aggregate Base, 10 inch	3020026	9,455.000	Syd
0150	Maintenance Gravel, LM	3060021	500.000	Cyd
0160	Sewer, CI IV, 12 inch, Tr Det B	4020987	669.000	Ft
0170	Sewer, CI IV, 24 inch, Tr Det B	4020993	80.000	Ft
0180	Video Taping Sewer and Culv Pipe	4021275	759.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0200	Dr Structure, 24 inch dia	4030200	4.000	Ea
0210	Dr Structure, 48 inch dia	4030210	13.000	Ea
0220	Dr Structure, 60 inch dia	4030220	2.000	Ea
0230	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0240	Dr Structure, Temp Lowering	4030390	7.000	Ea
0250	_ Dr Structure Cover, Type B, Modified	4037050	4.000	Ea
0260	_ Dr Structure Cover, Type B, Self Leveling	4037050	3.000	Ea
0270	_ Dr Structure Cover, Type K, Modified	4037050	21.000	Ea

0280	_ Dr Structure Cover, Type Q, Modified	4037050	8.000	Ea
0290	_ Dr Structure Cover, Type Q, Self Leveling	4037050	1.000	Ea
0300	Cold Milling HMA Surface	5010002	230.000	Syd
0310	HMA Surface, Rem	5010005	7,825.000	Syd
0320	HMA, 4E1	5010050	1,065.000	Ton
0330	HMA, 5E1	5010056	720.000	Ton
0340	HMA Approach	5010061	400.000	Ton
0350	Cement	6030005	5.000	Ton
0360	Driveway, Nonreinf Conc, 6 inch	8010005	1,340.000	Syd
0370	Driveway, Nonreinf Conc, 8 inch	8010007	95.000	Syd
0380	Curb and Gutter, Conc, Det C4	8020023	4,460.000	Ft
0390	Curb Ramp Opening, Conc	8030030	235.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	3,190.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	11,315.000	Sft
0420	_ Detectable Warning Surface, Cast Iron	8037001	130.000	Ft
0430	_ Sidewalk Ramp, Conc, 8 inch	8037010	250.000	Sft
0440	Post, Mailbox	8070095	3.000	Ea
0450	_ Mailbox Support, Temp	8077050	2.000	Ea
0460	Post, Steel, 3 lb	8100371	330.000	Ft
0470	Sign, Type III, Rem	8100403	13.000	Ea
0480	Sign, Type IIIA	8100404	45.000	Sft
0490	Sign, Type IIIB	8100405	49.000	Sft
0500	Pavt Mrkg, Waterborne, 4 inch, White	8110231	35.000	Ft
0510	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,810.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	35.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,810.000	Ft
0540	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	940.000	Ft
0550	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	105.000	Ft
0560	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0570	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0580	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0590	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0600	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0610	Dust Palliative, Applied	8120100	10.000	Ton
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	605.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	605.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0660	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0670	Slope Restoration, Type B	8160101	4,750.000	Syd
0680	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	1,455.000	Ft
0690	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	130.000	Ft
0700	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	35.000	Ft
0710	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	875.000	Ft
0720	_ Water Main, Rem	8237001	2,600.000	Ft

0730	_ Curb Stop and Box	8237050	27.000	Ea
0740	_ Gate Valve and Box, 12 inch, Modified	8237050	8.000	Ea
0750	_ Gate Valve and Box, 6 inch, Modified	8237050	2.000	Ea
0760	_ Gate Valve and Box, 8 inch, Modified	8237050	6.000	Ea
0770	_ Hydrant Assembly, Modified	8237050	5.000	Ea
0780	_ Hydrant, Rem, Modified	8237050	2.000	Ea
0790	_ Water Serv, 1 inch, Modified	8237050	7.000	Ea
0800	_ Water Serv, 2 inch, Modified	8237050	3.000	Ea
0810	_ Water Serv, Long, 1 inch, Modified	8237050	17.000	Ea
0820	_ Sanitary Sewer, PVC, 8 inch, Tr Det G	8257001	32.000	Ft
0830	_ Sanitary Cleanout	8257050	1.000	Ea
0840	_ Sanitary Manhole, 48 inch dia	8257050	1.000	Ea
0850	_ Force Main Cleanout Manhole	8507050	2.000	Ea



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 084**Letting Date:** March 6, 2020**Contract ID:** 82000-203594

Description: 0.30 mi of hot mix asphalt reconstruction, storm sewer, concrete curb and gutter, signing and pavement markings on Beverly Road from Beverly Plaza to Middle Belt Road in the city of Romulus, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203594A	20A0344	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Permit Fees	1047060	20,000.000	Dlr
0020	Mobilization, Max \$126,100.00	1500001	1.000	LSUM
0030	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Dr Structure, Rem	2030011	4.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	638.000	Ft
0070	Curb and Gutter, Rem	2040020	126.000	Ft
0080	_ Pavt, Rem, Modified	2047011	6,400.000	Syd
0090	_ Station Grading	2057002	17.000	Sta
0100	_ Subgrade Undercutting, Type II, Modified	2057021	200.000	Cyd
0110	_ Subgrade Undercutting, Type II, Special	2057021	200.000	Cyd
0120	_ Exploratory Excavation	2057050	6.000	Ea
0130	Erosion Control, Check Dam, Stone	2080012	24.000	Ft
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0150	Erosion Control, Silt Fence	2080036	800.000	Ft
0160	_ Aggregate Base, 6 inch, Modified	3027011	639.000	Syd
0170	_ Aggregate Base, 8 inch, Modified	3027011	7,116.000	Syd
0180	_ Maintenance Gravel, LM, Special	3027031	292.000	Ton
0190	Culv End Sect, Metal, 12 inch	4010094	4.000	Ea
0200	Culv End Sect, Metal, 30 inch	4010099	2.000	Ea
0210	Sewer, Cl A, 12 inch, Tr Det B	4020033	57.000	Ft
0220	Sewer, Cl A, 30 inch, Tr Det B	4020037	8.000	Ft
0230	Sewer, Cl E, 12 inch, Tr Det B	4020600	172.000	Ft
0240	Sewer, Cl E, 15 inch, Tr Det B	4020601	11.000	Ft
0250	Video Taping Sewer and Culv Pipe	4021275	1,228.000	Ft
0260	Dr Structure Cover, Type B	4030010	7.000	Ea
0270	Dr Structure Cover, Type C	4030015	2.000	Ea

0280	Dr Structure Cover, Type D	4030025	3.000	Ea
0290	Dr Structure Cover, Type E	4030035	1.000	Ea
0300	Dr Structure Cover, Type K	4030050	9.000	Ea
0310	Dr Structure, 24 inch dia	4030200	6.000	Ea
0320	Dr Structure, 48 inch dia	4030210	11.000	Ea
0330	Dr Structure, 60 inch dia	4030220	5.000	Ea
0340	_ Sewer, Perforated, 30 inch	4037001	980.000	Ft
0350	_ Sanitary Sewer Cover, Adj, Case 1	4037050	2.000	Ea
0360	_ Storm Water Treatment Unit #1	4037050	1.000	Ea
0370	_ Storm Water Treatment Unit #2	4037050	1.000	Ea
0380	_ Utility Structure Cover, Adj, Case 1	4037050	5.000	Ea
0390	_ Utility Structure Cover, Adj, Case 2	4037050	1.000	Ea
0400	Underdrain, Subgrade, 6 inch	4040073	3,149.000	Ft
0410	HMA, 3E3	5010045	962.000	Ton
0420	HMA, 4E3	5010051	688.000	Ton
0430	HMA, 5E3	5010057	551.000	Ton
0440	HMA Approach	5010061	369.000	Ton
0450	Curb and Gutter, Conc, Det D2	8020031	345.000	Ft
0460	Curb and Gutter, Conc, Det F6	8020040	2,486.000	Ft
0470	Driveway Opening, Conc, Det M	8020050	318.000	Ft
0480	Post, Mailbox	8070095	2.000	Ea
0490	Post, Steel, 3 lb	8100371	60.000	Ft
0500	Sign, Type III, Rem	8100403	11.000	Ea
0510	Sign, Type IIIA	8100404	20.000	Sft
0520	Sign, Type IIIB	8100405	12.000	Sft
0530	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	108.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	27.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0560	Pavt Mrkg, Polyurea, 4 inch, White	8110091	100.000	Ft
0570	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,107.000	Ft
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0600	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0610	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0620	Channelizing Device, 42 inch, Furn	8120030	32.000	Ea
0630	Channelizing Device, 42 inch, Oper	8120031	32.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0660	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0670	Sign Cover	8120310	10.000	Ea
0680	Sign, Type A, Temp, Prismatic, Furn	8120340	128.000	Sft
0690	Sign, Type A, Temp, Prismatic, Oper	8120341	128.000	Sft
0700	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft

0710	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0720	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	123.000	Sft
0730	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	123.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	Riprap, Plain	8130011	10.000	Ton
0760	_ Turf Establishment, Performance, Modified	8167011	3,223.000	Syd
0770	TS Face, Bag	8200458	1.000	Ea
0780	TS Face, Bag, Rem	8200459	1.000	Ea
0790	_ Water Main, Conflict, 12 inch	8237001	150.000	Ft
0800	_ Water Main, Conflict, 8 inch	8237001	40.000	Ft
0810	_ Fire Hydrant, Modified	8237050	1.000	Ea
0820	_ Gate Valve and Well, 8 inch	8237050	1.000	Ea
0830	_ Hydrant, Rem, Modified	8237050	1.000	Ea
0840	_ Gate Well, Rem, Modified	8257050	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 085

Letting Date: March 6, 2020

Contract ID: 41000-207424

Description: Traffic signal modernization including strain poles, controller and cabinet, signal head replacement, backplates, concrete curb, gutter and sidewalk ramps at intersections on various routes in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207424A	20A0(323)	N/A	HSIP 41000
207426A	20A0(324)	N/A	HSIP 41000
207427A	20A0(340)	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$104,600.00	1500001	1.000	LSUM
0030	_ Curb and Gutter, Rem, Modified	2047001	1,830.000	Ft
0040	_ Sidewalk, Rem, Modified	2047011	780.000	Syd
0050	Hand Patching	5010025	16.000	Ton
0060	Curb and Gutter, Conc, Det F4	8020038	120.000	Ft
0070	_ Curb and Gutter, Conc, Det P-5, 18 inch pan	8027001	1,400.000	Ft
0080	Curb Ramp Opening, Conc	8030030	520.000	Ft
0090	Sidewalk Ramp, Conc, 6 inch	8030036	7,590.000	Sft
0100	_ Detectable Warning Surface, Modified	8037001	420.000	Ft
0110	Sign, Type III, Rem	8100403	19.000	Ea
0120	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	3,580.000	Ft
0130	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	680.000	Ft
0140	Rem Spec Mrkg	8110343	200.000	Sft
0150	Recessing Pavt Mrkg, Transv	8110451	3,280.000	Sft
0160	Pedestrian Type II Barricade, Temp	8120026	75.000	Ea
0170	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	1,335.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,335.000	Sft
0240	Cable Pole, TS, Dismant	8190010	5.000	Ea
0250	Conduit, DB, 1, 1 1/2 inch	8190027	400.000	Ft

0260	Conduit, DB, 3, 3 inch	8190035	400.000	Ft
0270	Hh, Adj	8190244	3.000	Ea
0280	Hh, Round, 3 foot dia	8190259	5.000	Ea
0290	Cable, Sec, 600V, 1, 3/C#6	8190399	3,500.000	Ft
0300	Wood Pole, Fit Up, Sec Serv Pole	8190496	8.000	Ea
0310	Wood Pole, Rem	8190505	2.000	Ea
0320	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	600.000	Ft
0330	Conduit, Directional Bore, 2, 3 inch	8190604	500.000	Ft
0340	Conduit, Directional Bore, 3, 3 inch	8190606	500.000	Ft
0350	Case Sign, Rem	8200020	12.000	Ea
0360	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	4.000	Ea
0370	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0380	Controller and Cabinet, Rem	8200030	5.000	Ea
0390	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0400	Case Sign, Salv	8200039	2.000	Ea
0410	Controller Fdn, Base Mount	8200045	3.000	Ea
0420	Controller Fdn, Rem	8200046	2.000	Ea
0430	Fdn, Rem	8200065	2.000	Ea
0440	Pedestal, Alum	8200100	4.000	Ea
0450	Pedestal, Fdn	8200105	4.000	Ea
0460	Pedestal Fdn, Rem	8200106	6.000	Ea
0470	Pedestal, Rem	8200110	6.000	Ea
0480	Pushbutton and Sign	8200121	18.000	Ea
0490	Pushbutton, Rem	8200122	16.000	Ea
0500	Serv Disconnect	8200135	7.000	Ea
0510	Span Wire	8200140	22.000	Ea
0520	Span Wire, Rem	8200141	14.000	Ea
0530	Span Wire Tether	8200142	30.000	Ea
0540	Steel Pole, Rem	8200145	2.000	Ea
0550	Traf Loop	8200170	1.000	Ea
0560	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0570	TS, Pedestal Mtd, Rem	8200179	3.000	Ea
0580	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	16.000	Ea
0590	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
0600	TS, Span Wire Mtd, Rem	8200182	43.000	Ea
0610	TS, Pedestrian, Two Way Bracket Arm Mtd, Salv	8200228	3.000	Ea
0620	TS, One Way Span Wire Mtd (LED)	8200313	51.000	Ea
0630	TS, One Way Span Wire Mtd, FYA (LED)	8200314	10.000	Ea
0640	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
0650	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0660	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	9.000	Ea
0670	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
0680	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	16.000	Ea

0690	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0700	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0710	TS, Antenna	8200367	7.000	Ea
0720	Bracket, Truss, With 18 Foot Arm	8200378	6.000	Ea
0730	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0740	Hemispherical Video Detection Camera	8200444	7.000	Ea
0750	Hemispherical Video Detection System	8200445	7.000	Ea
0760	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0770	Strain Pole, Steel, 6 bolt, 36 foot	8200461	9.000	Ea
0780	Strain Pole Fdn, 6 Bolt	8200470	156.000	Ft
0790	Casing	8200480	81.000	Ft
0800	Cellular Modem, TS, 4G	8200498	1.000	Ea
0810	Backplate, TS	8200501	72.000	Ea
0820	Multi-Sensor Vehicle Detection System, Rem	8200533	1.000	Ea
0830	_ Cabinet, NEMA Type, Modified	8207050	5.000	Ea
0840	_ Controller, NEMA, ATC Type, Modified	8207050	5.000	Ea
0850	_ Opticom GPS System	8207050	8.000	Ea
0860	_ Opticom Infrared System	8207050	7.000	Ea
0870	_ Opticom Infrared, Rem	8207050	1.000	Ea
0880	_ Opticom Infrared, Salv	8207050	1.000	Ea
0890	_ Street Name Sign, Two Way, Non-Illuminated	8207050	26.000	Ea
0900	_ TS, Managed Field Ethernet Switch, Layer 2, Copper, Modified	8207050	8.000	Ea
0910	Fiber Optic, Cable, Single Mode Fiber, 12F	8260047	550.000	Ft
0920	Fiber Optic, Splice Enclosure, Wall-Mounted, Small	8260063	2.000	Ea
0930	Tracer Wire	8260070	500.000	Ft
0940	Fiber Optic, Pigtail	8260071	36.000	Ea
0950	Fiber Optic, Jumper	8260072	36.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 086

Letting Date: March 6, 2020

Contract ID: 27000-202605

Description: 1.74 mi of hot mix asphalt base crushing, shaping and resurfacing, guardrail, shoulders, riprap and pavement markings on Black River Road from Airport Road to Black River Harbor, Gogebic County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202605A	FLAP079	N/A	FLAP 27000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Guardrail, Rem	2040035	1,020.000	Ft
0040	Embankment, CIP	2050010	240.000	Cyd
0050	Embankment, LM	2050011	740.000	Cyd
0060	Excavation, Earth	2050016	240.000	Cyd
0070	Backfill, Select	2060004	400.000	Cyd
0080	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0090	_ Bypass Pumping	2087050	1.000	Ea
0100	_ Construction Dam	2087050	1.000	Ea
0110	Aggregate Base, 4 inch	3020010	16,800.000	Syd
0120	HMA Base Crushing and Shaping	3050002	21,500.000	Syd
0130	Approach, CI II, 3 inch	3070025	720.000	Syd
0140	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0150	Culv End Sect, Conc, 36 inch	4010053	3.000	Ea
0160	Culv, CI A, Conc, 24 inch	4010168	56.000	Ft
0170	Culv, CI A, Conc, 36 inch	4010170	304.000	Ft
0180	_ Cured-In-Place Pipe Liner, 36 inch	4017001	88.000	Ft
0190	Trench Undercut and Backfill	4021260	30.000	Cyd
0200	Dr Structure Cover, Type E	4030035	2.000	Ea
0210	Dr Structure, 72 inch dia	4030230	2.000	Ea
0220	HMA Approach	5010061	80.000	Ton
0230	HMA, LVSP	5010703	3,520.000	Ton
0240	Guardrail, Type B	8070000	1,020.000	Ft
0250	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0260	Guardrail Reflector	8070080	58.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	17,520.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,520.000	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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	700.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	700.000	Ft
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	356.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	356.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Riprap, Grouted	8130001	160.000	Syd
0380	Riprap, Heavy	8130005	440.000	Syd
0390	Slope Restoration, Type D	8160103	3,450.000	Syd



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 200306 087**Letting Date:** March 6, 2020**Contract ID:** 68000-130337

Description: 1.28 mi of hot mix asphalt base crushing, shaping and resurfacing, signing and pavement markings on Miller Road from east of Galbraith Road east to west of Mount Tom Road, Oscoda County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130337A	20A0250	N/A	STL 68000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,600.00	1500001	1.000	LSUM
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0030	Embankment, CIP	2050010	600.000	Cyd
0040	Excavation, Earth	2050016	50.000	Cyd
0050	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0060	Erosion Control, Silt Fence	2080036	400.000	Ft
0070	Subbase, CIP	3010002	35.000	Cyd
0080	_ Aggregate Base, Modified	3027031	2,870.000	Ton
0090	HMA Base Crushing and Shaping	3050002	21,800.000	Syd
0100	Shoulder, CI II	3070121	1,670.000	Ton
0110	_ Approach, CI I, Modified	3077031	2.000	Ton
0120	_ Approach, CI II, Modified	3077031	51.000	Ton
0130	Culv, CSP Arch, CI A, 95 inch by 67 inch	4010755	83.000	Ft
0140	_ Slip Pipe Liner, 18 inch	4017001	144.000	Ft
0150	_ Slip Pipe Liner, 24 inch	4017001	107.000	Ft
0160	_ Slip Pipe Liner, 36 inch	4017001	65.000	Ft
0170	HMA Surface, Rem	5010005	117.000	Syd
0180	HMA Approach	5010061	55.000	Ton
0190	HMA, LVSP	5010703	3,620.000	Ton
0200	_ HMA Valley Gutter	5017001	104.000	Ft
0210	Fdn, Wood Support, Rem	8100280	13.000	Ea
0220	Post, Steel, 3 lb	8100371	218.000	Ft
0230	Sign, Type IIB	8100399	8.000	Sft
0240	Sign, Type IIIA	8100404	18.000	Sft
0250	Sign, Type IIIB	8100405	58.000	Sft
0260	_ Sign, Type II, Rem, Modified	8107050	1.000	Ea
0270	_ Sign, Type III, Rem, Modified	8107050	13.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,300.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,758.000	Ft
0300	Channelizing Device, 42 inch, Furn	8120030	122.000	Ea
0310	Channelizing Device, 42 inch, Oper	8120031	122.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	536.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	536.000	Ft
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	216.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	216.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Riprap, Plain	8130010	64.000	Syd
0410	Paved Ditch, HMA	8140010	24.000	Syd
0420	_ Slope Restoration	8167002	15.000	Sta
0430	Monument Box	8210001	3.000	Ea
0440	Monument Preservation	8210010	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 200306 088

Letting Date: March 6, 2020

Contract ID: 50000-206476

Description: 1.21 mi of hot mix asphalt overlay and wedging, joint repair, aggregate shoulders and pavement markings on Armada Ridge Road from southeast of 34 Mile Road to southeast of 33 Mile Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206476A	20A0268	N/A	STL 50000
209154A	20A0271	N/A	HSIP 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$41,100.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	_ Shoulder, Class II, Modified	3077031	930.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Pavt for Butt Joints, Rem	5010008	190.000	Syd
0060	Pavt Joint and Crack Repr, Det 7	5010020	2,320.000	Ft
0070	Hand Patching	5010025	107.000	Ton
0080	HMA, 5E3	5010057	2,475.000	Ton
0090	HMA Approach	5010061	160.000	Ton
0100	_ Cold Milling Existing Pavement for Longitudinal Butt Joint	5017011	650.000	Syd
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,800.000	Ft
0120	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	2,600.000	Ft
0130	Channelizing Device, 42 inch, Furn	8120030	310.000	Ea
0140	Channelizing Device, 42 inch, Oper	8120031	310.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	600.000	Ft
0190	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0210	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	600.000	Ft
0220	Sign Cover	8120310	1.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	472.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	472.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft

0260	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM
0280	Monument Box Adjust	8210005	1.000	Ea
0290	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	6,400.000	Ft
