



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 001**Letting Date:** March 5, 2021**Contract ID:** 73000-205674

Description: 0.87 mi of hot mix asphalt reconstruction, concrete curb, gutter, driveway, sidewalk and ramps, water main, signing and pavement markings on Mackinaw Street from Alexander Street to Hamilton Street in the city of Saginaw, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205674A	21A0238	N/A	STUL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$312,500.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0040	Dr Structure, Rem	2030011	64.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	1,276.000	Ft
0060	Sidewalk, Rem	2040055	2,097.000	Syd
0070	_ Pavt, Rem, Modified	2047011	18,933.000	Syd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,000.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0100	_ Machine Grading, Modified	2057002	44.000	Sta
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	65.000	Ea
0120	Subbase, CIP	3010002	6,345.000	Cyd
0130	_ Aggregate Base, 4 inch, Modified	3027011	2,455.000	Syd
0140	_ Aggregate Base, 8 inch, Modified	3027011	16,540.000	Syd
0150	_ Maintenance Gravel, Modified	3067031	500.000	Ton
0160	_ Geotextile, Separator, Modified	3087011	18,995.000	Syd
0170	Sewer Tap, 6 inch	4021201	27.000	Ea
0180	Sewer Tap, 10 inch	4021203	13.000	Ea
0190	Sewer Tap, 12 inch	4021204	1.000	Ea
0200	_ Sewer, 10 inch, SDR-26	4027001	350.000	Ft
0210	_ Sewer, 12 inch, SDR-26	4027001	4.000	Ft
0220	_ Sewer, 6 inch, SDR-26	4027001	714.000	Ft
0230	_ Sewer Trap	4027050	50.000	Ea
0240	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0250	_ Combined Sewer Manhole, Adj, Add Depth	4037001	10.000	Ft
0260	_ Combined Sewer Manhole, Cover, Adj, Case 1	4037050	37.000	Ea
0270	_ Dr Structure Cover, ADA Compliant, Modified	4037050	8.000	Ea

0280	_ Dr Structure Cover, Type B, Modified	4037050	35.000	Ea
0290	_ Dr Structure Cover, Type K, Modified	4037050	43.000	Ea
0300	_ Dr Structure, 24 inch dia, Modified	4037050	2.000	Ea
0310	_ Dr Structure, 48 inch dia, Modified	4037050	50.000	Ea
0320	_ Dr Structure, 96 inch dia, Modified	4037050	13.000	Ea
0330	_ Gas and Water Shutoff, Adj, Modified	4037050	51.000	Ea
0340	Underdrain, Subbase, 6 inch	4040063	8,476.000	Ft
0350	Hand Patching	5010025	12.000	Ton
0360	HMA, 3C	5010031	1,600.000	Ton
0370	HMA, 4E1	5010050	3,245.000	Ton
0380	Cement	6030005	10.000	Ton
0390	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	992.000	Syd
0400	_ Driveway, Nonreinf Conc, 7 inch, Modified	8017011	433.000	Syd
0410	_ Curb and Gutter, Conc, Det F2, Modified	8027001	8,201.000	Ft
0420	_ Driveway Opening, Conc, Det M, Modified	8027001	56.000	Ft
0430	_ Curb Ramp Opening, Conc, Modified	8037001	799.000	Ft
0440	_ Detectable Warning Surface, Modified	8037001	510.000	Ft
0450	_ Sidewalk Ramp, Conc, 4 inch, Modified	8037010	6,035.000	Sft
0460	_ Sidewalk Ramp, Conc, 7 inch, Modified	8037010	4,660.000	Sft
0470	_ Sidewalk, Conc, 4 inch, Modified	8037010	5,580.000	Sft
0480	_ Sidewalk, Conc, 6 inch, Modified	8037010	1,355.000	Sft
0490	_ Sidewalk, Conc, 7 inch, Modified	8037010	505.000	Sft
0500	Post, Steel, 3 lb	8100371	1,122.000	Ft
0510	Sign, Type III, Erect, Salv	8100402	30.000	Ea
0520	Sign, Type III, Rem	8100403	154.000	Ea
0530	Sign, Type IIIA	8100404	274.000	Sft
0540	Sign, Type IIIB	8100405	77.000	Sft
0550	Sign, Type VB	8100425	8.000	Sft
0560	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	422.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	119.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0590	Pavt Mrkg, Waterborne, 4 inch, White	8110231	236.000	Ft
0600	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,615.000	Ft
0610	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	236.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,615.000	Ft
0630	Rem Spec Mrkg	8110343	141.000	Sft
0640	Barricade, Type III, High Intensity, Lighted, Furn	8120022	55.000	Ea
0650	Barricade, Type III, High Intensity, Lighted, Oper	8120023	55.000	Ea
0660	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0670	Dust Palliative, Applied	8120100	10.000	Ton
0680	Minor Traf Devices	8120170	1.000	LSUM
0690	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0700	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0710	Sign, Type B, Temp, Prismatic, Furn	8120350	1,219.000	Sft
0720	Sign, Type B, Temp, Prismatic, Oper	8120351	1,219.000	Sft

0730	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	132.000	Sft
0740	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	132.000	Sft
0750	Traf Regulator Control	8120370	1.000	LSUM
0760	_ Turf Establishment, Performance	8167011	7,300.000	Syd
0770	Monument Preservation	8210010	11.000	Ea
0780	_ Monument Box, Modified	8217050	11.000	Ea
0790	_ Water Main, 6 inch, Tr Det G, Modified	8237001	2,563.000	Ft
0800	_ Water Main, 8 inch, Tr Det G, Modified	8237001	141.000	Ft
0810	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	81.000	Ft
0820	_ Connection To Existing 16 inch Water Main	8237050	15.000	Ea
0830	_ Connection To Existing 6 inch Water Main	8237050	20.000	Ea
0840	_ Connection To Existing 8 inch Water Main	8237050	3.000	Ea
0850	_ Curb Stop Box, Reconst, Case 1	8237050	5.000	Ea
0860	_ Curb Stop Box, Reconst, Case 2	8237050	21.000	Ea
0870	_ Gate Valve and Box, 16 inch	8237050	1.000	Ea
0880	_ Gate Valve and Box, 6 inch	8237050	38.000	Ea
0890	_ Gate Valve and Box, 8 inch	8237050	4.000	Ea
0900	_ Hydrant, Complete, 6 inch	8237050	12.000	Ea
0910	_ Hydrant, Rem, Modified	8237050	7.000	Ea
0920	_ Water Serv, Long, Modified	8237050	28.000	Ea
0930	_ Water Serv, Modified	8237050	30.000	Ea
0940	_ Water Serv, Private	8237050	26.000	Ea
0950	_ Abandon Existing Water Main, In Place	8237051	1.000	LSUM



2/5/2021 12:15 PM

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Schedule of Pay Items

Report v1

Letting Call: 210305 002**Letting Date:** March 5, 2021**Contract ID:** 33000-207001

Description: 5.74 mi of hot mix asphalt resurfacing and widening for paved shoulders, replace culvert and storm sewer and pavement markings on Bellevue Road from Onondaga Road east to Hull Road, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207001A	21A0246	N/A	STL 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$329,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	80.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0070	Dr Structure, Rem	2030011	3.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	128.000	Ft
0090	Sewer, Rem, 24 inch to 48 inch	2030016	8.000	Ft
0100	Curb and Gutter, Rem	2040020	249.000	Ft
0110	Pavt, Rem	2040050	222.000	Syd
0120	Sidewalk, Rem	2040055	85.000	Syd
0130	Exploratory Investigation, Vertical	2040080	25.000	Ft
0140	_ Exploratory Trenching	2047001	200.000	Ft
0150	Ditch Cleanout	2050006	87.000	Sta
0160	Embankment, CIP	2050010	910.000	Cyd
0170	Excavation, Earth	2050016	1,198.000	Cyd
0180	Machine Grading	2050030	594.000	Sta
0190	_ Containment, Recycled Scrap Tire	2057011	2,690.000	Syd
0200	_ Subgrade Stabilization, Chemical	2057011	4,500.000	Syd
0210	_ Subgrade Undercutting, Modified	2057021	673.000	Cyd
0220	Erosion Control, Silt Fence	2080036	1,800.000	Ft
0230	_ Erosion Control, Straw Wattle, 12 inch dia	2087001	694.000	Ft
0240	Subbase, CIP	3010002	442.000	Cyd
0250	_ Aggregate Base, Existing, Stockpile and Replace	3027011	3,500.000	Syd
0260	_ Aggregate Base, RAP, 4 inch	3027011	1,102.000	Syd
0270	_ Aggregate Base, Recycled, 7 inch	3027011	2,633.000	Syd

0280	_ Aggregate Base, Recycled, 12 inch	3057011	508.000	Syd
0290	_ Asphalt Stabilized Base	3057011	104,544.000	Syd
0300	_ Asphalt Stabilized Base, Pre-Processing	3057011	117,877.000	Syd
0310	_ Base Stabilization, Chemical	3057011	3,500.000	Syd
0320	Maintenance Gravel	3060020	200.000	Ton
0330	Approach, CI III	3070041	550.000	Ton
0340	Shoulder, CI III	3070141	2,452.000	Ton
0350	_ Geogrid, Triaxial, Base	3087011	2,636.000	Syd
0360	Culv End Sect, Conc, 18 inch	4010049	3.000	Ea
0370	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0380	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0390	Culv End Sect, Metal, 18 inch	4010096	1.000	Ea
0400	Culv, CI F, 12 inch	4010607	1,986.000	Ft
0410	Dr Marker Post	4011109	54.000	Ea
0420	_ Culv, CI A, AL2 CSP, 15 inch	4017001	68.000	Ft
0430	_ Culv, CI A, AL2 CSP, 18 inch	4017001	114.000	Ft
0440	_ Culv, CI A, AL2 CSP, 24 inch	4017001	68.000	Ft
0450	_ Culv, CI E, AL2 CSP, 15 inch	4017001	124.000	Ft
0460	_ Culv, CI E, AL2 CSP, 18 inch	4017001	122.000	Ft
0470	_ Culv, CI E, AL2 CSP, 30 inch	4017001	84.000	Ft
0480	_ Culv, CI E, AL2 CSP, 36 inch	4017001	60.000	Ft
0490	Sewer, CI A, 30 inch, Tr Det A	4020008	17.000	Ft
0500	Sewer, CI A, 12 inch, Tr Det B	4020033	147.000	Ft
0510	Sewer, CI E, 18 inch, Tr Det B	4020602	52.000	Ft
0520	Sewer Tap, 8 inch	4021202	1.000	Ea
0530	Sewer Tap, 12 inch	4021204	2.000	Ea
0540	Sewer Tap, 30 inch	4021208	1.000	Ea
0550	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0560	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0570	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0580	Dr Structure Cover, Type B	4030010	1.000	Ea
0590	Dr Structure Cover, Type E	4030035	3.000	Ea
0600	Dr Structure Cover, Type J	4030045	1.000	Ea
0610	Dr Structure Cover, Type K	4030050	1.000	Ea
0620	Dr Structure, 24 inch dia	4030200	2.000	Ea
0630	Dr Structure, 48 inch dia	4030210	3.000	Ea
0640	Dr Structure, 60 inch dia	4030220	1.000	Ea
0650	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0660	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0670	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0680	Underdrain, Subbase, 4 inch	4040061	941.000	Ft
0690	Underdrain, Subgrade, 12 inch	4040079	70.000	Ft
0700	Underdrain Outlet, 4 inch	4040091	60.000	Ft
0710	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0720	HMA Surface, Rem	5010005	881.000	Syd

0730	Pavt for Butt Joints, Rem	5010008	440.000	Syd
0740	Hand Patching	5010025	160.000	Ton
0750	HMA, 13A	5010033	20,125.000	Ton
0760	HMA Approach	5010061	737.000	Ton
0770	_ HMA Surface, Rem, Special	5017011	867.000	Syd
0780	Driveway, Nonreinf Conc, 6 inch	8010005	90.000	Syd
0790	Driveway, Nonreinf Conc, 7 inch	8010006	55.000	Syd
0800	Curb and Gutter, Conc, Det B2	8020016	1,641.000	Ft
0810	Curb and Gutter, Conc, Det F4	8020038	174.000	Ft
0820	Shoulder Gutter, Conc, Det 2	8020056	5.000	Ea
0830	Sidewalk, Conc, 4 inch	8030044	490.000	Sft
0840	Sidewalk, Conc, 7 inch	8030047	364.000	Sft
0850	_ Detectable Warning Surface, Cast Iron	8037010	50.000	Sft
0860	_ Sidewalk Ramp, ADA, Modified	8037010	334.000	Sft
0870	Post, Mailbox	8070095	75.000	Ea
0880	Guardrail, Reconst, Type B	8070105	25.000	Ft
0890	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	16.000	Ea
0900	Post, Flexible, Delineator	8100360	16.000	Ea
0910	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	156.000	Ft
0920	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	275.000	Ft
0930	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	108.000	Ft
0940	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0950	Pavt Mrkg, Waterborne, 4 inch, White	8110231	60,000.000	Ft
0960	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	30,000.000	Ft
0970	Rem Spec Mrkg	8110343	400.000	Sft
0980	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0990	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
1000	Pedestrian Type II Barricade, Temp	8120026	7.000	Ea
1010	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
1020	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
1030	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1040	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1050	Minor Traf Devices	8120170	1.000	LSUM
1060	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	539.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
1080	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
1090	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
1100	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,500.000	Ft
1110	Sign, Type B, Temp, Prismatic, Furn	8120350	2,021.000	Sft
1120	Sign, Type B, Temp, Prismatic, Oper	8120351	2,021.000	Sft
1130	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	60.000	Sft
1140	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	60.000	Sft

1150	Traf Regulator Control	8120370	1.000	LSUM
1160	_ Pedestrian Ramp, Temp	8127050	2.000	Ea
1170	Ditch, Plain Cobble	8140005	100.000	Syd
1180	_ Slope Restoration, Bonded Fiber Matrix	8167011	31,200.000	Syd
1190	_ Slope Restoration, Type II-ES	8167011	5,728.000	Syd
1200	Conduit, DB, 1, 1 1/2 inch	8190027	50.000	Ft
1210	Conduit, DB, 1, 3 inch	8190029	100.000	Ft
1220	Conduit, DB, 3, 3 inch	8190035	100.000	Ft
1230	Elec Serv, Rem	8190225	1.000	Ea
1240	Hh, Polymer Conc	8190250	7.000	Ea
1250	Cable, Sec, 600V, 1, 3/C#6	8190399	100.000	Ft
1260	Controller and Cabinet, Rem	8200030	1.000	Ea
1270	Controller Fdn, Base Mount	8200045	1.000	Ea
1280	Controller Fdn, Rem	8200046	1.000	Ea
1290	Fdn, Rem	8200065	1.000	Ea
1300	Pedestal, Fdn	8200105	2.000	Ea
1310	Pedestal Fdn, Rem	8200106	2.000	Ea
1320	Pushbutton and Sign	8200121	2.000	Ea
1330	Pushbutton, Rem	8200122	4.000	Ea
1340	Pushbutton Pedestal, Alum	8200123	2.000	Ea
1350	Serv Disconnect	8200135	1.000	Ea
1360	Span Wire	8200140	4.000	Ea
1370	Span Wire, Rem	8200141	1.000	Ea
1380	Steel Pole, Rem	8200145	1.000	Ea
1390	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
1400	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1410	TS, Span Wire Mtd, Rem	8200182	5.000	Ea
1420	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1430	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
1440	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1450	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1460	Wireless Vehicle Detection System	8200422	1.000	Ea
1470	Wireless Vehicle Sensor Node	8200425	16.000	Ea
1480	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1490	Strain Pole Fdn, 6 Bolt	8200470	54.000	Ft
1500	Casing	8200480	28.000	Ft
1510	_ Controller and Cabinet, Digital Type, Special	8207050	1.000	Ea
1520	_ Global Positioning System Module, RTC	8207050	1.000	Ea
1530	_ Tremie Pour	8207050	3.000	Ea
1540	Monument Box	8210001	15.000	Ea
1550	Monument Preservation	8210010	15.000	Ea
1560	_ Stabilization Asphalt, Engineered Emulsion	8507031	668.000	Ton
1570	_ Stabilization Chemical, By-Product	8507031	90.000	Ton

1580	_ Stabilization Chemical, Manufactured	8507031	90.000	Ton
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Schedule of Pay Items

Report v1

Letting Call: 210305 003

Letting Date: March 5, 2021

Contract ID: 41024-128093

Description: 2.17 mi of hot mix asphalt reconstruction and bridge rehabilitation including concrete pavement rehabilitation, drainage improvements, guardrail, cable barrier, signing, pavement markings and bridge railing repair on I-96 from Thornapple River Drive to west of Whitneyville Road, Kent County. This project includes two 5 year materials and workmanship pavement warranties. This project is an Alternate Pavement Bid project. Alternate 1 (Section 2) is an HMA Alternative and includes a 5 year materials and workmanship pavement warranty. Alternate 2 (Section 3) is a Concrete Alternative and includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128093A	21A0318	N/A	IM 41024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,481,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.230	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0070	Curb and Gutter, Rem	2040020	297.000	Ft
0080	Guardrail, Rem	2040035	8,375.000	Ft
0090	Pavt, Rem	2040050	73,235.000	Syd
0100	Exploratory Investigation, Vertical	2040080	25.000	Ft
0110	Excavation, Earth	2050016	34,702.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	3,500.000	Cyd
0140	_ Embankment, CIP, Special	2057021	13,311.000	Cyd
0150	Aggregate, 6A	2060001	15.000	Cyd
0160	Erosion Control, Check Dam, Stone	2080012	1,955.000	Ft
0170	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0180	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0190	Erosion Control, Inlet Protection, Sediment Trap	2080024	9.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	35.000	Cyd
0210	Erosion Control, Sand Bag	2080028	100.000	Ea
0220	Erosion Control, Sediment Basin	2080032	50.000	Cyd
0230	Erosion Control, Sediment Trap	2080034	85.000	Ea
0240	Erosion Control, Silt Fence	2080036	3,200.000	Ft

0250	_ Permeable Runoff Structure	2087001	500.000	Ft
0260	Project Cleanup	2090001	1.000	LSUM
0270	Subbase, CIP	3010002	17,261.000	Cyd
0280	Aggregate Base, LM	3020002	835.000	Cyd
0290	Aggregate Base, 6 inch	3020016	24,719.000	Syd
0300	Aggregate Base, Conditioning	3020050	58,864.000	Syd
0310	Shoulder, CI II, 6 inch	3070128	2,050.000	Syd
0320	Shoulder, CI II, 4 inch, Temp	3070181	3,996.000	Syd
0330	Trenching	3070200	132.000	Sta
0340	_ Shoulder, CI II, 10 inch, Modified	3077011	2,054.000	Syd
0350	_ Shoulder, CI II, 2 1/2 inch, Modified	3077011	4,410.000	Syd
0360	Geotextile, Separator	3080005	306.000	Syd
0370	Culv End Sect, 12 inch	4010012	5.000	Ea
0380	Culv End Sect, 15 inch	4010015	2.000	Ea
0390	Culv End Sect, 18 inch	4010018	2.000	Ea
0400	Culv, CI E, 12 inch	4010539	130.000	Ft
0410	Culv, CI E, 24 inch	4010542	640.000	Ft
0420	Culv, Downspout, 18 inch	4010797	67.000	Ft
0430	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	4.000	Ea
0440	Dr Marker Post	4011109	115.000	Ea
0450	Trench Undercut and Backfill	4021260	10.000	Cyd
0460	Dr Structure Cover, Adj, Case 1	4030005	17.000	Ea
0470	Dr Structure Cover, Adj, Case 2	4030006	13.000	Ea
0480	Dr Structure Cover, Type B	4030010	9.000	Ea
0490	Dr Structure Cover, Type DX	4030030	9.000	Ea
0500	Dr Structure Cover, Type E	4030035	5.000	Ea
0510	Dr Structure Cover, Type G	4030040	2.000	Ea
0520	Dr Structure, Adj, Add Depth	4030280	8.000	Ft
0530	_ Dr Structure Cover, Type B, Modified	4037050	1.000	Ea
0540	_ Dr Structure Cover, Type D, Modified	4037050	2.000	Ea
0550	Underdrain, Bank, 6 inch	4040003	25.000	Ft
0560	Underdrain, Subbase, 6 inch	4040063	30,784.000	Ft
0570	Underdrain, Subgrade, 6 inch	4040073	1,500.000	Ft
0580	Underdrain Outlet, 6 inch	4040093	2,975.000	Ft
0590	Underdrain, Outlet Ending, 6 inch	4040113	128.000	Ea
0600	_ Underdrain Outlet, 6 inch, Modified	4047001	200.000	Ft
0610	_ Underdrain, Rem	4047001	30,784.000	Ft
0620	_ Video Inspection of Underdrain	4047001	35,284.000	Ft
0630	_ Underdrain Outlet Cleanout	4047050	100.000	Ea
0640	Cold Milling HMA Surface	5010002	13,719.000	Syd
0650	Bump Grinding	5010004	1,600.000	Syd
0660	HMA Surface, Rem	5010005	50,249.000	Syd
0670	HMA Patch, Rem	5010006	830.000	Syd
0680	HMA Quality Initiative	5010007	20,322.000	Dlr
0690	Hand Patching	5010025	203.000	Ton

0700	HMA Approach	5010061	300.000	Ton
0710	HMA, Temp Pavt (4E3)	5010805	3,009.000	Ton
0720	HMA, Temp Pavt (5E3)	5010806	2,648.000	Ton
0730	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	1,500.000	Ft
0740	_ HMA, 3E3 (3.75")	5017011	22,701.000	Syd
0750	_ HMA, 4E3	5017011	13,801.000	Syd
0760	_ HMA, 4E3 (2.5")	5017011	25,150.000	Syd
0770	_ Ride Incentive	5017060	30,368.000	Dlr
0780	Joint, Expansion, E3	6020208	243.000	Ft
0790	Conc Quality Initiative	6020401	3,549.000	Dlr
0800	Steel Sheet Piling, Permanent	7040001	1,392.000	Sft
0810	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	584.000	Syd
0820	Conc, Grade S2	7060011	2.000	Cyd
0830	Reinforcement, Steel, Culv and Headwall	7060091	100.000	Lb
0840	Reflective Marker, Permanent Barrier	7110003	2.000	Ea
0850	Curb and Gutter, Bridge Approach	8020010	263.000	Ft
0860	Curb and Gutter, Conc, Det D2	8020031	262.000	Ft
0870	Downspout Header, Conc	8020070	2.000	Ea
0880	Curb Sloped, HMA	8050010	776.000	Ft
0890	Guardrail, Type MGS-8	8070004	8,355.000	Ft
0900	Guardrail, Type T, Temp	8070007	2,463.000	Ft
0910	Guardrail Approach Terminal, Type 3B	8070038	2.000	Ea
0920	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0930	Guardrail Approach Terminal, Type 2M, Temp	8070049	2.000	Ea
0940	Guardrail Departing Terminal, Type MGS	8070052	10.000	Ea
0950	Guardrail Departing Terminal, Type T, Temp	8070056	1.000	Ea
0960	Guardrail Reflector	8070080	254.000	Ea
0970	Guardrail Anch, Bridge, Det M1	8070130	9.000	Ea
0980	Guardrail Anch, Bridge, Det M7	8070136	1.000	Ea
0990	Cable Barrier, High Tension, Rem	8070200	12,575.000	Ft
1000	Cable Barrier, Furn and Install (Gibraltar, TL-4)	8070207	11,608.000	Ft
1010	Cable Barrier Terminal, Furn and Install (Gibraltar, TL-4)	8070208	10.000	Ea
1020	Cable Barrier, Reflector, Furn and Install (Gibraltar)	8070209	292.000	Ea
1030	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	1,260.000	Ea
1040	Cable Barrier, High Tension, Line Post Fdn	8070221	1,165.000	Ea
1050	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	10.000	Ea
1060	Cable Barrier, High Tension, End Term Fdn	8070223	10.000	Ea
1070	_ Flexible Guardrail Delineator (White)	8077050	190.000	Ea
1080	Fence, Protective	8080007	1,200.000	Ft
1090	Column, Breakaway, W8 x 13	8100120	2.000	Ea
1100	Delineator Reflector, Yellow	8100132	68.000	Ea
1110	Delineator Reflector, Green	8100133	149.000	Ea
1120	Delineator Reflector, White	8100134	135.000	Ea
1130	Delineator, Reflective Sheeting, 3 inch by 12 inch,	8100144	22.000	Ea

Green

1140	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	15.000	Ea
1150	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	15.000	Ea
1160	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
1170	Fdn, Column Breakaway, Rem	8100220	2.000	Ea
1180	Fdn, Wood Support, Rem	8100280	9.000	Ea
1190	Perforated Steel Square Tube Breakaway System	8100330	10.000	Ea
1200	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	10.000	Ea
1210	Post, Flexible, Delineator	8100360	52.000	Ea
1220	Post, Rigid, Delineator	8100361	237.000	Ea
1230	Post, Steel, 3 lb	8100371	314.000	Ft
1240	Post, Wood, 4 inch by 6 inch	8100380	49.000	Ft
1250	Post, Wood, 6 inch by 8 inch	8100382	104.000	Ft
1260	Sign, Type I, Rem	8100391	1.000	Ea
1270	Sign, Type IA	8100392	94.000	Sft
1280	Sign, Type IB	8100393	60.000	Sft
1290	Sign, Type II, Rem	8100397	8.000	Ea
1300	Sign, Type IIA	8100398	108.000	Sft
1310	Sign, Type IIB	8100399	40.000	Sft
1320	Sign, Type III, Rem	8100403	11.000	Ea
1330	Sign, Type IIIA	8100404	58.000	Sft
1340	Sign, Type IIIB	8100405	12.000	Sft
1350	Sign, Type V, Rem	8100421	20.000	Ea
1360	Sign, Type VB	8100425	112.000	Sft
1370	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	29,440.000	Ft
1380	Pavt Mrkg, Regular Dry, 6 inch, Yellow	8110128	23,260.000	Ft
1390	Pavt Mrkg, Regular Dry, 12 inch, White	8110131	2,940.000	Ft
1400	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	29,440.000	Ft
1410	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, Yellow	8110136	23,260.000	Ft
1420	Pavt Mrkg, Regular Dry, 2nd Application, 12 inch, White	8110139	2,940.000	Ft
1430	Rem Spec Mrkg	8110343	320.000	Sft
1440	Recessing Pavt Mrkg, Longit	8110450	68,363.000	Ft
1450	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	37,364.000	Ft
1460	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	4,079.000	Ft
1470	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	29,463.000	Ft
1480	_ Pavt Mrkg, Preformed Thermoplastic, I-96 Route Shield, 8 foot by 20 foot	8117050	2.000	Ea
1490	_ Pavt Mrkg, Preformed Thermoplastic, M-6 Route Shield, 8 foot by 20 foot	8117050	2.000	Ea
1500	Barricade, Type III, High Intensity, Lighted, Furn	8120022	40.000	Ea
1510	Barricade, Type III, High Intensity, Lighted, Oper	8120023	40.000	Ea
1520	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	5.000	Ea
1530	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	5.000	Ea

1540	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	8.000	Ea
1550	Conc Barrier Reflector Replacement	8120070	1,040.000	Ea
1560	Conc Barrier, Temp, Adj	8120080	16,400.000	Ft
1570	Conc Barrier, Temp, Furn	8120081	23,400.000	Ft
1580	Conc Barrier, Temp, Oper	8120082	23,400.000	Ft
1590	Conc Barrier, Temp, Relocated	8120083	17,200.000	Ft
1600	Delineator, Flexible, Temp, Furn	8120091	70.000	Ea
1610	Delineator, Flexible, Temp, Oper	8120092	70.000	Ea
1620	Glare Screen, Temp	8120094	14,100.000	Ft
1630	Glare Screen, Temp, Relocated	8120095	13,800.000	Ft
1640	Glare Screen, Temp, Complete Section, Replaced	8120096	360.000	Ea
1650	Tubular Marker	8120097	90.000	Ea
1660	Tubular Marker, Replacement	8120098	50.000	Ea
1670	High Intensity Light, Type B, Furn	8120110	5.000	Ea
1680	High Intensity Light, Type B, Oper	8120111	5.000	Ea
1690	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1700	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1710	Ltg for Night Work	8120160	1.000	LSUM
1720	Minor Traf Devices	8120170	1.000	LSUM
1730	Mobile Attenuator	8120180	4.000	Ea
1740	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	59,671.000	Ft
1750	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	7,460.000	Ft
1760	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	31,280.000	Ft
1770	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	530.000	Ft
1780	Plastic Drum, Fluorescent, Furn	8120252	750.000	Ea
1790	Plastic Drum, Fluorescent, Oper	8120253	750.000	Ea
1800	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	300.000	Ea
1810	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	40.000	Ea
1820	Sign Cover	8120310	100.000	Ea
1830	Sign Cover, Type 1	8120320	23.000	Ea
1840	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	13.000	Ea
1850	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	13.000	Ea
1860	Sign, Type A, Temp, Prismatic, Furn	8120340	480.000	Sft
1870	Sign, Type A, Temp, Prismatic, Oper	8120341	480.000	Sft
1880	Sign, Type B, Temp, Prismatic, Furn	8120350	4,016.000	Sft
1890	Sign, Type B, Temp, Prismatic, Oper	8120351	4,016.000	Sft
1900	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2,966.000	Sft
1910	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2,966.000	Sft
1920	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	101,380.000	Ft
1930	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	93,010.000	Ft

1940	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	29,340.000	Ft
1950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	24,680.000	Ft
1960	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	11,510.000	Ft
1970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	3,750.000	Ft
1980	Speed Radar Trailer, Temp	8122028	2.000	Ea
1990	Temp Rumble Strips (Orange)	8122030	3,240.000	Ft
2000	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8127001	140.000	Ft
2010	_ Barrier Gate, Temp, Furn	8127050	1.000	Ea
2020	_ Barrier Gate, Temp, Open/Close	8127050	6.000	Ea
2030	_ Barrier Gate, Temp, Oper	8127050	1.000	Ea
2040	_ Barrier Gate, Temp, Relocated	8127050	1.000	Ea
2050	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	4.000	Ea
2060	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	4.000	Ea
2070	_ Heavy Duty Wrecker	8127050	5.000	Ea
2080	_ Light Duty Wrecker	8127050	20.000	Ea
2090	_ Medium Duty Wrecker	8127050	5.000	Ea
2100	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
2110	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
2120	Riprap, Heavy, LM	8130007	254.000	Cyd
2130	Riprap, Plain	8130010	55.000	Syd
2140	Paved Ditch, Conc	8140015	403.000	Syd
2150	_ HMA Spillway	8147011	17.000	Syd
2160	Site Preparation, Max \$2,300.00	8150001	1.000	LSUM
2170	Watering and Cultivating, First Season, Min \$1,100.00	8150002	1.000	LSUM
2180	Watering and Cultivating, Second Season, Min \$1,400.00	8150003	1.000	LSUM
2190	Acer saccharum Green Mountain, 2 inch	8150186	3.000	Ea
2200	Acer x freemanii Celebration, 2 inch	8150225	3.000	Ea
2210	Amelanchier x grandifolia Autumn Brilliance, #7 cont.	8150332	6.000	Ea
2220	Malus Snowdrift, 2 inch	8152330	6.000	Ea
2230	Picea omorika, 6 foot	8152788	7.000	Ea
2240	Slope Restoration, Type A	8160100	72,430.000	Syd
2250	Slope Restoration, Type B	8160101	74,404.000	Syd
2260	Slope Restoration, Type C	8160102	17,745.000	Syd
2270	Slope Restoration, Type D	8160103	3,054.000	Syd
2280	Hh, Adj	8190244	18.000	Ea
2290	Monument Box	8210001	5.000	Ea
2300	Monument Preservation	8210010	5.000	Ea
2310	Protect Corners	8210020	5.000	Ea
2320	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	29,061.000	Ft
2330	Contractor Staking	8240001	1.000	LSUM

2340	Staking Plan Errors and Extras, One Person	8240020	123.000	Hr
2350	Staking Plan Errors and Extras, Two Person	8240021	49.000	Hr
2360	Staking Plan Errors and Extras, Three Person	8240022	74.000	Hr

Section: 2

2370	Excavation, Earth	2050016	69,478.000	Cyd
2380	_ Embankment, CIP, Special	2057021	3,473.000	Cyd
2390	Subbase, CIP	3010002	47,743.000	Cyd
2400	Aggregate Base, 6 inch	3020016	39,554.000	Syd
2410	_ Shoulder, CI II, 10 inch, Modified	3077011	9,223.000	Syd
2420	HMA Quality Initiative	5010007	93,502.000	Dlr
2430	_ HMA Approach (10")	5017011	12,087.000	Syd
2440	_ HMA, 3E30 (3.75")	5017011	72,914.000	Syd
2450	_ HMA, 3E30, High Stress (3.75")	5017011	72,914.000	Syd
2460	_ HMA, 4E30, High Stress (2.5")	5017011	72,914.000	Syd
2470	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	22,548.000	Ft

Section: 3

2480	Excavation, Earth	2050016	50,083.000	Cyd
2490	_ Embankment, CIP, Special	2057021	3,556.000	Cyd
2500	Subbase, CIP	3010002	28,107.000	Cyd
2510	Aggregate Base, 7 inch	3020018	8,875.000	Syd
2520	Open-Graded Dr Cse, 6 inch	3030006	30,683.000	Syd
2530	_ Shoulder, CI II, 10 1/2 inch, Modified	3077011	9,223.000	Syd
2540	Geotextile, Separator	3080005	37,052.000	Syd
2550	Joint, Contraction, Cp	6020200	45,492.000	Ft
2560	Joint, Contraction, C3p	6020201	9,107.000	Ft
2570	Joint, Expansion, E2	6020207	420.000	Ft
2580	Joint, Expansion, E4	6020209	141.000	Ft
2590	Conc Quality Initiative	6020401	194,268.000	Dlr
2600	Conc Pavt, Nonreinf, 10 1/2 inch, High Performance	6020505	58,725.000	Syd
2610	Conc Pavt, Misc, Nonreinf, 10 1/2 inch, High Performance	6020517	12,087.000	Syd
2620	Shoulder, Nonreinf Conc, High Performance	6020524	14,192.000	Syd
2630	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	44,360.000	Ft
2640	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	3,150.000	Ft
2650	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	3,719.000	Ft
2660	Recessing Pavt Mrkg, Longit	8110450	3,614.000	Ft
2670	_ Sinusoidal Corrugations, Milled, Conc Shoulder	8227001	22,548.000	Ft

Section: 4

2680	Conc, Grade D	7060010	15.000	Cyd
2690	Conduit, 3 inch	7060030	100.000	Ft
2700	Reinforcement, Steel, Epoxy Coated	7060092	1,950.000	Lb
2710	Water Repellent Treatment, Penetrating	7060140	3.000	Syd

2720	_ Expansive Waterstop	7067001	100.000	Ft
2730	_ Silane Treatment	7107010	10,715.000	Sft
2740	Bridge Barrier Railing, Type 4, Modified	7110030	100.000	Ft
2750	Hand Chipping, Other Than Deck	7120007	409.000	Cft
2760	Patch, Forming	7120017	21.000	Sft
2770	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	228.000	Ea
2780	Structures, Rehabilitation, Rem Portions (S04 of 41064)	7120070	1.000	LSUM
2790	Patching Conc, C-L	7120112	1.000	Cyd

Section: 5

2800	_ Calendar Days of Contract Time for Opening to Traf, I-96	1027060	10,000.000	Dlr
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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 004**Letting Date:** March 5, 2021**Contract ID:** 31051-128708

Description: 1.07 mi of hot mix asphalt reconstruction, concrete curb and gutter, storm sewer, water main, sanitary sewer, signing and pavement markings on US-41 from MacInness Drive westerly to Isle Royal Street in the city of Houghton, Houghton County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128708A	21A0320	N/A	NH 31051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$894,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	9.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0050	Dr Structure, Rem	2030011	105.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	5,261.000	Ft
0070	Sewer, Rem, 24 inch to 48 inch	2030016	1,032.000	Ft
0080	Curb and Gutter, Rem	2040020	1,890.000	Ft
0090	Masonry and Conc Structure, Rem	2040045	45.000	Cyd
0100	Pavt, Rem	2040050	35,970.000	Syd
0110	Sidewalk, Rem	2040055	7,339.000	Syd
0120	_ Brick, Rem and Salv	2047010	4,980.000	Sft
0130	Embankment, CIP	2050010	1,240.000	Cyd
0140	Excavation, Earth	2050016	24,155.000	Cyd
0150	Excavation, Rock	2050018	50.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0170	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0180	_ Excavation, Trench Rock	2057021	490.000	Cyd
0190	Aggregate, 6A	2060001	19.000	Cyd
0200	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0210	Erosion Control, Inlet Protection, Fabric Drop	2080020	132.000	Ea
0220	Erosion Control, Inlet Protection, Sediment Trap	2080024	77.000	Ea
0230	Erosion Control, Silt Fence	2080036	1,220.000	Ft
0240	Subbase, CIP	3010002	29,593.000	Cyd
0250	Aggregate Base, 4 inch	3020010	570.000	Syd
0260	Aggregate Base, 6 inch	3020016	28,613.000	Syd

0270	Aggregate Base, 8 inch	3020020	575.000	Syd
0280	Approach, CI I, 6 inch	3070008	6,284.000	Syd
0290	Culv, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch	4010907	64.000	Ft
0300	Sewer, CI A, 8 inch, Tr Det A	4020002	3.000	Ft
0310	Sewer, CI A, 12 inch, Tr Det B	4020033	3,420.000	Ft
0320	Sewer, CI A, 15 inch, Tr Det B	4020034	57.000	Ft
0330	Sewer, CI A, 18 inch, Tr Det B	4020035	440.000	Ft
0340	Sewer, CI A, 24 inch, Tr Det B	4020036	340.000	Ft
0350	Sewer, CI A, 36 inch, Tr Det B	4020038	175.000	Ft
0360	Sewer, CI A, 60 inch, Tr Det B	4020042	273.000	Ft
0370	Sewer, CI B, 15 inch, Tr Det B	4020184	185.000	Ft
0380	Sewer, CI B, 18 inch, Tr Det B	4020185	50.000	Ft
0390	Sewer, CI B, 30 inch, Tr Det B	4020187	1,064.000	Ft
0400	Sewer, CI C, 18 inch, Tr Det B	4020335	349.000	Ft
0410	Sewer, CI E, 12 inch, Tr Det B	4020600	526.000	Ft
0420	Sewer, CI E, 18 inch, Tr Det B	4020602	161.000	Ft
0430	Sewer, CI E, 30 inch, Tr Det B	4020604	100.000	Ft
0440	Sewer, CI E, 48 inch, Tr Det B	4020607	473.000	Ft
0450	Sewer, CI E, 54 inch, Tr Det B	4020608	420.000	Ft
0460	Sewer Tap, 4 inch	4021200	2.000	Ea
0470	Video Taping Sewer and Culv Pipe	4021275	7,918.000	Ft
0480	Dr Structure Cover, Adj, Case 1	4030005	41.000	Ea
0490	Dr Structure Cover, Type B	4030010	70.000	Ea
0500	Dr Structure Cover, Type D	4030025	16.000	Ea
0510	Dr Structure Cover, Type G	4030040	1.000	Ea
0520	Dr Structure Cover, Type J	4030045	16.000	Ea
0530	Dr Structure Cover, Type K	4030050	110.000	Ea
0540	Dr Structure, 48 inch dia	4030210	29.000	Ea
0550	Dr Structure, 60 inch dia	4030220	20.000	Ea
0560	Dr Structure, 72 inch dia	4030230	2.000	Ea
0570	Dr Structure, 84 inch dia	4030231	4.000	Ea
0580	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	1.000	Ft
0590	Dr Structure, 96 inch dia	4030234	4.000	Ea
0600	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	17.000	Ft
0610	Dr Structure, Add Depth of 96 inch dia, more than 15 foot	4030236	1.000	Ft
0620	Dr Structure, 108 inch dia	4030237	2.000	Ea
0630	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	5.000	Ft
0640	Dr Structure, 120 inch dia	4030242	2.000	Ea
0650	Dr Structure, Add Depth of 120 inch dia, 8 foot to 15 foot	4030243	6.000	Ft
0660	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	82.000	Ft
0670	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	28.000	Ft

0680	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	61.000	Ft
0690	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	11.000	Ft
0700	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	45.000	Ft
0710	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	3.000	Ft
0720	Dr Structure, Tap, 12 inch	4030312	13.000	Ea
0730	Dr Structure, Tap, 15 inch	4030315	4.000	Ea
0740	Dr Structure, Tap, 18 inch	4030318	5.000	Ea
0750	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0760	Dr Structure, Tap, 48 inch	4030348	2.000	Ea
0770	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0780	_ Dr Structure, 24 inch dia, Modified	4037050	48.000	Ea
0790	_ Dr Structure, 48 inch dia, Modified	4037050	51.000	Ea
0800	_ Dr Structure, 60 inch dia, Modified	4037050	3.000	Ea
0810	_ Dr Structure, 72 inch dia, Modified	4037050	9.000	Ea
0820	_ Dr Structure, 96 inch dia, Modified	4037050	1.000	Ea
0830	Underdrain, Subbase, 6 inch	4040063	16,380.000	Ft
0840	Underdrain Outlet, 6 inch	4040093	430.000	Ft
0850	Bump Grinding	5010004	400.000	Syd
0860	HMA Surface, Rem	5010005	11,933.000	Syd
0870	HMA Quality Initiative	5010007	22,226.000	Dlr
0880	Longitudinal Joint Density Quality Initiative	5010018	33,900.000	Dlr
0890	Hand Patching	5010025	50.000	Ton
0900	HMA, 3E1	5010044	4,150.000	Ton
0910	HMA, 4E1	5010050	2,810.000	Ton
0920	HMA, 5E1	5010056	2,130.000	Ton
0930	HMA Approach	5010061	1,933.000	Ton
0940	HMA, LVSP	5010703	40.000	Ton
0950	HMA, Temp Pavt (LVSP)	5020807	459.000	Ton
0960	Conc Quality Initiative	6020401	260.000	Dlr
0970	Conc, Grade S2	7060011	79.000	Cyd
0980	_ Sanitary Manhole, Add Depth of 48 inch dia, 8 foot to 15 foot	8007001	16.000	Ft
0990	_ Sanitary Manhole, Add Depth of 60 inch dia, 8 foot to 15 foot	8007001	6.000	Ft
1000	_ Sanitary Sewer Main, Rem	8007001	4,320.000	Ft
1010	_ Sanitary Sewer, PVC, 10 inch, Tr Det B	8007001	230.000	Ft
1020	_ Sanitary Sewer, PVC, 12 inch, Tr Det B	8007001	1,485.000	Ft
1030	_ Sanitary Sewer, PVC, 18 inch, Tr Det B	8007001	20.000	Ft
1040	_ Sanitary Sewer, PVC, 24 inch, Tr Det B	8007001	1,700.000	Ft
1050	_ Sanitary Sewer, PVC, 30 inch, Tr Det B	8007001	330.000	Ft
1060	_ Sanitary Sewer, PVC, 6 inch, Tr Det B	8007001	1,300.000	Ft
1070	_ Sanitary Sewer, PVC, 8 inch, Tr Det B	8007001	555.000	Ft
1080	_ Sidewalk, Wood, Temp	8007001	272.000	Ft

1090	_ Connect to Existing Sanitary Service	8007050	34.000	Ea
1100	_ Connect to Existing Sanitary Sewer Main	8007050	24.000	Ea
1110	_ Sanitary Manhole Casting	8007050	32.000	Ea
1120	_ Sanitary Manhole, 48 inch dia	8007050	28.000	Ea
1130	_ Sanitary Manhole, 60 inch dia	8007050	4.000	Ea
1140	_ Sanitary Manhole, Existing, Tap	8007050	3.000	Ea
1150	_ Sanitary Sewer Structure, Rem	8007050	32.000	Ea
1160	Driveway, Nonreinf Conc, 6 inch	8010005	965.000	Syd
1170	Curb, Conc, Det E2	8020002	196.000	Ft
1180	Curb and Gutter, Conc, Det B2	8020016	5,190.000	Ft
1190	Curb and Gutter, Conc, Det F4	8020038	12,255.000	Ft
1200	Driveway Opening, Conc, Det M	8020050	615.000	Ft
1210	Divider, Nonreinf Conc, Type 1	8020066	940.000	Sft
1220	Curb Ramp Opening, Conc	8030030	2,055.000	Ft
1230	Sidewalk Ramp, Conc, 6 inch	8030036	17,048.000	Sft
1240	Sidewalk, Conc, 6 inch	8030046	61,024.000	Sft
1250	Steps, Conc	8030100	22.000	Cyd
1260	_ Detectable Warning Surface, Cast Iron	8037001	626.000	Ft
1270	_ Brick Paver, Install Salv	8037010	3,950.000	Sft
1280	_ Sidewalk, Conc, 6 inch, Decorative	8037010	1,820.000	Sft
1290	Curb Sloped, HMA	8050010	250.000	Ft
1300	Curb Vertical, HMA	8050020	246.000	Ft
1310	Band, Sign	8100010	15.000	Ea
1320	Fdn, Wood Support, Rem	8100280	19.000	Ea
1330	Post Hole Through Conc for Wood Post	8100341	6.000	Ea
1340	Post, Steel, 3 lb	8100371	368.000	Ft
1350	Post, Wood, 4 inch by 6 inch	8100380	166.000	Ft
1360	Sign, Type IIA	8100398	10.000	Sft
1370	Sign, Type III, Erect, Salv	8100402	6.000	Ea
1380	Sign, Type III, Rem	8100403	52.000	Ea
1390	Sign, Type IIIA	8100404	82.000	Sft
1400	Sign, Type IIIB	8100405	139.000	Sft
1410	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,420.000	Ft
1420	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	567.000	Ft
1430	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	147.000	Ft
1440	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	482.000	Ft
1450	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	189.000	Ft
1460	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	13.000	Ea
1470	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
1480	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	7.000	Ea
1490	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	1.000	Ea
1500	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
1510	Recessing Pavt Mrkg, Longit	8110450	8,988.000	Ft
1520	Pavt Mrkg, Modified Urethane, 4 inch, White	8110537	3,678.000	Ft
1530	Pavt Mrkg, Modified Urethane, 6 inch, White	8110538	985.000	Ft

1540	Pavt Mrkg, Modified Urethane, 12 inch, White	8110540	372.000	Ft
1550	Pavt Mrkg, Modified Urethane, 4 inch, Yellow	8110541	4,330.000	Ft
1560	Pavt Mrkg, Modified Urethane, 6 inch, Yellow	8110542	390.000	Ft
1570	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	83.000	Ea
1580	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	83.000	Ea
1590	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
1600	Pedestrian Type II Channelizer, Temp	8120027	4,000.000	Ft
1610	Conc Barrier, Temp, Furn	8120081	120.000	Ft
1620	Conc Barrier, Temp, Oper	8120082	120.000	Ft
1630	Tubular Marker	8120097	150.000	Ea
1640	Tubular Marker, Replacement	8120098	40.000	Ea
1650	Lighted Arrow, Type A, Furn	8120120	2.000	Ea
1660	Lighted Arrow, Type A, Oper	8120121	2.000	Ea
1670	Minor Traf Devices	8120170	1.000	LSUM
1680	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,236.000	Ft
1690	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	1,020.000	Ft
1700	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	260.000	Ft
1710	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,830.000	Ft
1720	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	5,889.000	Ft
1730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,849.000	Ft
1740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,979.000	Ft
1750	Plastic Drum, Fluorescent, Furn	8120252	208.000	Ea
1760	Plastic Drum, Fluorescent, Oper	8120253	208.000	Ea
1770	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	115.000	Ft
1780	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	3.000	Ea
1790	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	243.000	Ft
1800	Sign Cover	8120310	25.000	Ea
1810	Sign Cover, Type 1	8120320	1.000	Ea
1820	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1830	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1840	Sign, Type A, Temp, Prismatic, Furn	8120340	170.000	Sft
1850	Sign, Type A, Temp, Prismatic, Oper	8120341	170.000	Sft
1860	Sign, Type B, Temp, Prismatic, Furn	8120350	2,015.000	Sft
1870	Sign, Type B, Temp, Prismatic, Oper	8120351	2,015.000	Sft
1880	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	275.000	Sft
1890	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	275.000	Sft
1900	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	9,960.000	Ft
1910	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	6,992.000	Ft

1920	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,030.000	Ft
1930	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	3,681.000	Ft
1940	_ Pedestrian Barrier with Fence, Temp	8127001	500.000	Ft
1950	_ Driveway Maintenance	8127050	65.000	Ea
1960	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru And Rt Turn Arrow	8127050	2.000	Ea
1970	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru Arrow Sym	8127050	3.000	Ea
1980	Slope Paving, Conc	8130020	50.000	Syd
1990	_ Block Wall, Landscape, Nonreinf	8157010	300.000	Sft
2000	_ Block Wall, Salv, Reinstall	8157051	1.000	LSUM
2010	Slope Restoration, Type A	8160100	8,070.000	Syd
2020	Slope Restoration, Type B	8160101	6,943.000	Syd
2030	Cable, Rem	8190016	286.000	Ft
2040	Cable, Sec, Rem	8190017	370.000	Ft
2050	Conduit, DB, 1, 1 1/2 inch	8190027	110.000	Ft
2060	Conduit, Rem	8190140	5,669.000	Ft
2070	Conduit, Schedule 80 PVC, 2 inch	8190157	6,424.000	Ft
2080	Conduit, Schedule 80 PVC, 3 inch	8190159	140.000	Ft
2090	DB Cable, in Conduit, 600V, 1/C#6	8190211	2,210.000	Ft
2100	DB Cable, in Conduit, 600V, 1/C#8	8190212	18,244.000	Ft
2110	DB Cable, in Conduit, 600V, 1/C#10	8190213	2,800.000	Ft
2120	DB Cable, in Conduit, Rem	8190220	5,669.000	Ft
2130	Cable, Equipment Grounding Wire, 1/C#6	8190236	720.000	Ft
2140	Cable, Equipment Grounding Wire, 1/C#8	8190237	6,509.000	Ft
2150	Hh, Heavy Duty Cover	8190246	74.000	Ea
2160	Hh, Round	8190260	74.000	Ea
2170	Light Std Arm, Install Salv	8190276	15.000	Ea
2180	Light Std Arm, Rem and Salv	8190278	16.000	Ea
2190	Light Std Fdn	8190279	71.000	Ea
2200	Light Std Fdn, Rem	8190280	71.000	Ea
2210	Light Std Shaft, Install Salv	8190301	71.000	Ea
2220	Light Std Shaft, Rem and Salv	8190306	71.000	Ea
2230	Luminaire, Install Salv	8190350	73.000	Ea
2240	Luminaire, Rem and Salv	8190365	74.000	Ea
2250	Cable, Sec, Triplex, 1, 3/C#4	8190418	370.000	Ft
2260	Wood Pole, Cl 4, 40 foot	8190473	1.000	Ea
2270	Wood Pole, Cl 4, 45 foot	8190474	1.000	Ea
2280	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8190485	2.000	Ea
2290	Wood Pole, Rem	8190505	2.000	Ea
2300	Case Sign, Rem	8200020	6.000	Ea
2310	Controller and Cabinet, Rem	8200030	2.000	Ea
2320	Case Sign, Salv	8200039	4.000	Ea
2330	Fdn, Rem	8200065	3.000	Ea

2340	Pedestal, Alum	8200100	4.000	Ea
2350	Pedestal, Fdn	8200105	4.000	Ea
2360	Pedestal Fdn, Rem	8200106	2.000	Ea
2370	Pedestal, Rem	8200110	1.000	Ea
2380	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
2390	Pushbutton and Sign	8200121	5.000	Ea
2400	Pushbutton, Rem	8200122	3.000	Ea
2410	Pushbutton Pedestal, Rem	8200124	1.000	Ea
2420	Span Wire	8200140	6.000	Ea
2430	Span Wire, Rem	8200141	8.000	Ea
2440	Steel Pole, Rem	8200145	3.000	Ea
2450	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
2460	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
2470	Cabinet, NEMA Type	8200186	2.000	Ea
2480	TS, One Way Span Wire Mtd, Salv	8200191	2.000	Ea
2490	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	2.000	Ea
2500	TS, One Way Span Wire Mtd (LED)	8200313	2.000	Ea
2510	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
2520	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
2530	Bracket, Truss, With 12 Foot Arm	8200376	1.000	Ea
2540	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
2550	Wireless Vehicle Sensor Node, Rem	8200426	8.000	Ea
2560	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	1.000	Ea
2570	Hemispherical Video Detection Camera	8200444	1.000	Ea
2580	Hemispherical Video Detection System	8200445	1.000	Ea
2590	TS Head, Adj	8200452	4.000	Ea
2600	TS Head, Temp	8200453	13.000	Ea
2610	TS Face, Bag	8200458	17.000	Ea
2620	TS Face, Bag, Rem	8200459	15.000	Ea
2630	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
2640	Strain Pole Fdn, 6 Bolt	8200470	13.000	Ft
2650	Casing	8200480	10.000	Ft
2660	_ Controller, NEMA, ATC Type	8207050	2.000	Ea
2670	Monument Box	8210001	14.000	Ea
2680	Monument Box Adjust	8210005	13.000	Ea
2690	Monument Preservation	8210010	14.000	Ea
2700	Protect Corners	8210020	8.000	Ea
2710	Fire Hydrant	8230040	9.000	Ea
2720	Gate Valve and Box, 4 inch	8230050	2.000	Ea
2730	Gate Valve and Box, 6 inch	8230051	11.000	Ea
2740	Gate Valve and Box, 8 inch	8230052	6.000	Ea
2750	Gate Valve and Box, 10 inch	8230053	1.000	Ea
2760	Gate Valve and Box, 12 inch	8230054	20.000	Ea

2770	Gate Well,Rem	8230076	2.000	Ea
2780	Hydrant, Rem	8230091	6.000	Ea
2790	Hydrant, Relocate, Case 1	8230095	4.000	Ea
2800	Water Main, 4 inch, Cut and Plug	8230130	1.000	Ea
2810	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
2820	Water Main, 8 inch, Cut and Plug	8230132	1.000	Ea
2830	Water Main, DI, 6 inch, Tr Det G	8230151	285.000	Ft
2840	Water Main, DI, 8 inch, Tr Det G	8230156	405.000	Ft
2850	Water Main, DI, 10 inch, Tr Det G	8230161	150.000	Ft
2860	Water Main, DI, 12 inch, Tr Det G	8230166	4,700.000	Ft
2870	Gate Box, Adj, Case 1	8230431	9.000	Ea
2880	Gate Box, Adj, Case 2	8230432	3.000	Ea
2890	_ Water Main, DI, 4 inch, Tr Det G	8237001	45.000	Ft
2900	_ Insulation Board, 2 inch	8237010	110.000	Sft
2910	_ Water Main Conflict, _ inch	8237050	11.000	Ea
2920	_ Water Serv, 1 inch	8237050	18.000	Ea
2930	_ Water Serv, Long, 1 inch	8237050	13.000	Ea
2940	_ Water Serv, Long, 2 inch	8237050	1.000	Ea
2950	Contractor Staking, Road Only	8240007	1.000	LSUM
2960	Staking Plan Errors and Extras, One Person	8240020	74.000	Hr
2970	Staking Plan Errors and Extras, Two Person	8240021	30.000	Hr
2980	Staking Plan Errors and Extras, Three Person	8240022	44.000	Hr
2990	Flowable Fill, Non-Structural	8260148	61.000	Cyd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 005**Letting Date:** March 5, 2021**Contract ID:** 84921-132465

Description: Installation of sinusoidal rumble strips and pavement markings on various routes, Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132465A	21A0333	N/A	HSIP 84921

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$128,300.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,525,604.000	Ft
0030	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	201,336.000	Ft
0040	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	172.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	172.000	Sft
0090	Traf Regulator Control	8120370	1.000	LSUM
0100	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	189,860.000	Ft
0110	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	3,344,400.000	Ft



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 006**Letting Date:** March 5, 2021**Contract ID:** 16081-128479

Description: 7.01 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb and gutter, sidewalks, sidewalk ramps, culverts, sewer, drainage, guardrail, signing and pavement markings on US-23 from east of Cordwood Road to east of Duncan Avenue in the city of Cheboygan, Cheboygan County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128479A	21A0336	N/A	ST 16081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$707,300.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	83.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	13.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	30.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	90.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	16.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	6.000	Ea
0090	Dr Structure, Rem	2030011	33.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	3,767.000	Ft
0110	Sewer, Rem, 24 inch to 48 inch	2030016	134.000	Ft
0120	Curb and Gutter, Rem	2040020	8,501.000	Ft
0130	Guardrail, Rem	2040035	4,994.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	15.000	Cyd
0150	Pavt, Rem	2040050	76.000	Syd
0160	Sidewalk, Rem	2040055	12.000	Syd
0170	Exploratory Investigation, Vertical	2040080	20.000	Ft
0180	_ Removal of Misc Appurtenances	2047051	1.000	LSUM
0190	Backfill, Swamp	2050001	500.000	Cyd
0200	Embankment, CIP	2050010	10,002.000	Cyd
0210	Excavation, Earth	2050016	31,772.000	Cyd
0220	Excavation, Peat	2050017	500.000	Cyd
0230	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0240	Subgrade Undercutting, Type II	2050041	30,700.000	Cyd
0250	Erosion Control, Check Dam, Stone	2080012	1,696.000	Ft
0260	Erosion Control, Gravel Access Approach	2080016	3.000	Ea

0270	Erosion Control, Inlet Protection, Fabric Drop	2080020	41.000	Ea
0280	Erosion Control, Inlet Protection, Sediment Trap	2080024	20.000	Ea
0290	Erosion Control, Maintenance, Sediment Removal	2080026	80.000	Cyd
0300	Erosion Control, Sand Bag	2080028	60.000	Ea
0310	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0320	Erosion Control, Sediment Trap	2080034	105.000	Ea
0330	Erosion Control, Silt Fence	2080036	2,860.000	Ft
0340	Subbase, LM	3010003	595.000	Cyd
0350	Aggregate Base, 6 inch	3020016	29,169.000	Syd
0360	HMA Base Crushing and Shaping	3050002	122,000.000	Syd
0370	Salv Crushed Material, LM	3050015	412.000	Cyd
0380	_ HMA Base Crushing and Shaping, Modified	3057011	28,961.000	Syd
0390	Maintenance Gravel, LM	3060021	5,000.000	Cyd
0400	Approach, CI I	3070001	4,671.000	Ton
0410	Approach, CI II	3070021	1,512.000	Ton
0420	Shoulder, CI III	3070141	6,408.000	Ton
0430	Trenching	3070200	20.000	Sta
0440	Culv End Sect, 15 inch	4010015	75.000	Ea
0450	Culv End Sect, 18 inch	4010018	64.000	Ea
0460	Culv End Sect, 24 inch	4010024	5.000	Ea
0470	Culv End Sect, 36 inch	4010036	8.000	Ea
0480	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0490	Culv End Sect, Conc, 42 inch	4010054	10.000	Ea
0500	Culv End Sect, Grate	4010083	532.000	Lb
0510	Culv, CI A, 24 inch	4010134	128.000	Ft
0520	Culv, CI A, Conc, 18 inch	4010167	16.000	Ft
0530	Culv, CI E, 15 inch	4010540	56.000	Ft
0540	Culv, CI E, 18 inch	4010541	144.000	Ft
0550	Culv, CI E, 24 inch	4010542	160.000	Ft
0560	Culv, CI E, 30 inch	4010543	48.000	Ft
0570	Culv, CI E, 36 inch	4010544	88.000	Ft
0580	Culv, CI E, 42 inch	4010545	144.000	Ft
0590	Culv, CI E, Conc, 18 inch	4010575	8.000	Ft
0600	Culv, CI E, Conc, 24 inch	4010576	8.000	Ft
0610	Culv, CI F, 15 inch	4010608	1,292.000	Ft
0620	Culv, CI F, 18 inch	4010609	2,222.000	Ft
0630	Culv, CI F, 24 inch	4010610	104.000	Ft
0640	Culv, CI F, 36 inch	4010612	58.000	Ft
0650	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	1.000	Ea
0660	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	5.000	Ea
0670	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	5.000	Ea
0680	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	40.000	Ea
0690	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	6.000	Ea
0700	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	2.000	Ea
0710	Dr Marker Post	4011109	66.000	Ea

0720	_ Culv End Sect, 42 inch	4017050	3.000	Ea
0730	Sewer, Cl A, 12 inch, Tr Det B	4020033	69.000	Ft
0740	Sewer, Cl A, 15 inch, Tr Det B	4020034	80.000	Ft
0750	Sewer, Cl A, 18 inch, Tr Det B	4020035	971.000	Ft
0760	Sewer, Cl A, 24 inch, Tr Det B	4020036	67.000	Ft
0770	Sewer, Cl A, 36 inch, Tr Det B	4020038	51.000	Ft
0780	Sewer, Cl E, 12 inch, Tr Det B	4020600	656.000	Ft
0790	Sewer, Cl E, 15 inch, Tr Det B	4020601	172.000	Ft
0800	Sewer, Cl E, 18 inch, Tr Det B	4020602	605.000	Ft
0810	Sewer, Cl E, 24 inch, Tr Det B	4020603	562.000	Ft
0820	Sewer, Cl E, 30 inch, Tr Det B	4020604	103.000	Ft
0830	Sewer, Cl E, 36 inch, Tr Det B	4020605	233.000	Ft
0840	Sewer, Cl E, 42 inch, Tr Det B	4020606	266.000	Ft
0850	Trench Undercut and Backfill	4021260	150.000	Cyd
0860	Video Taping Sewer and Culv Pipe	4021275	4,603.000	Ft
0870	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0880	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0890	Dr Structure Cover, Type B	4030010	19.000	Ea
0900	Dr Structure Cover, Type E	4030035	1.000	Ea
0910	Dr Structure Cover, Type G	4030040	5.000	Ea
0920	Dr Structure Cover, Type K	4030050	15.000	Ea
0930	Dr Structure, 24 inch dia	4030200	13.000	Ea
0940	Dr Structure, 48 inch dia	4030210	20.000	Ea
0950	Dr Structure, 60 inch dia	4030220	4.000	Ea
0960	Dr Structure, 72 inch dia	4030230	3.000	Ea
0970	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0980	Underdrain, Subgrade, 6 inch	4040073	4,100.000	Ft
0990	Underdrain Outlet, 6 inch	4040093	210.000	Ft
1000	Underdrain, Outlet Ending, 6 inch	4040113	21.000	Ea
1010	Cold Milling HMA Surface	5010002	25,593.000	Syd
1020	HMA Surface, Rem	5010005	13,072.000	Syd
1030	HMA Quality Initiative	5010007	71,450.000	Dlr
1040	Longitudinal Joint Density Quality Initiative	5010018	131,700.000	Dlr
1050	Hand Patching	5010025	197.000	Ton
1060	HMA, 4E1	5010050	29,525.000	Ton
1070	HMA, 5E1	5010056	2,120.000	Ton
1080	HMA Approach	5010061	3,883.000	Ton
1090	_ HMA, Temp Pavt (4E1)	5017031	70.000	Ton
1100	_ Ride Incentive	5017060	104,300.000	Dlr
1110	Cement	6030005	3.000	Ton
1120	_ Bypass Pumping	7047050	8.000	Ea
1130	_ Construction Dam	7047050	8.000	Ea
1140	_ Pedestrian Path, Temp	8007001	30.000	Ft
1150	_ Sanitary Sewer, PVC, 10 inch, Tr Det G	8007001	621.000	Ft
1160	_ Sanitary Structure Cover, Type Q	8007050	4.000	Ea

1170	_ Sanitary Structure, 60 inch dia	8007050	4.000	Ea
1180	_ Sanitary Structure, Rem	8007050	4.000	Ea
1190	Curb, Conc, Det E4	8020004	34.000	Ft
1200	Curb and Gutter, Conc, Det B2	8020016	2,479.000	Ft
1210	Curb and Gutter, Conc, Det F2	8020036	230.000	Ft
1220	Curb and Gutter, Conc, Det F6	8020040	4,975.000	Ft
1230	Driveway Opening, Conc, Det M	8020050	1,336.000	Ft
1240	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
1250	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
1260	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
1270	Spillway, Conc	8020075	50.000	Ft
1280	_ Curb and Gutter, Conc, Det B2, Modified	8027001	231.000	Ft
1290	Detectable Warning Surface	8030010	46.000	Ft
1300	Curb Ramp Opening, Conc	8030030	153.000	Ft
1310	Sidewalk Ramp, Conc, 4 inch	8030034	1,206.000	Sft
1320	Sidewalk Ramp, Conc, 6 inch	8030036	60.000	Sft
1330	Sidewalk, Conc, 4 inch	8030044	7,106.000	Sft
1340	Sidewalk, Conc, 6 inch	8030046	496.000	Sft
1350	Curb Sloped, HMA	8050010	971.000	Ft
1360	Curb Vertical, HMA	8050020	130.000	Ft
1370	Guardrail, Type MGS-8	8070004	5,018.000	Ft
1380	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
1390	Guardrail Approach Terminal, Type 2M	8070044	16.000	Ea
1400	Guardrail Reflector	8070080	210.000	Ea
1410	Post, Mailbox	8070095	50.000	Ea
1420	Delineator Reflector, Green	8100133	44.000	Ea
1430	Delineator Reflector, White	8100134	720.000	Ea
1440	Fdn, Wood Support, Rem	8100280	20.000	Ea
1450	Installing MDOT Supplied Sign, Type III	8100302	48.000	Ea
1460	Delineator, Rem	8100349	50.000	Ea
1470	Post, Rigid, Delineator	8100361	404.000	Ea
1480	Post, Steel, 3 lb	8100371	3,281.000	Ft
1490	Post, Wood, 4 inch by 6 inch	8100380	568.000	Ft
1500	Sign, Type II, Rem	8100397	32.000	Ea
1510	Sign, Type IIA	8100398	275.000	Sft
1520	Sign, Type III, Erect, Salv	8100402	14.000	Ea
1530	Sign, Type III, Rem	8100403	167.000	Ea
1540	Sign, Type IIIA	8100404	258.000	Sft
1550	Sign, Type IIIB	8100405	593.000	Sft
1560	Sign, Type VA	8100424	12.000	Sft
1570	Sign, Type VB	8100425	70.000	Sft
1580	Reflective Panel for Permanent Sign Support, 6 foot	8100616	116.000	Ea
1590	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
1600	Pavt Mrkg, Polyurea, 4 inch, White	8110091	360.000	Ft
1610	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	23,100.000	Ft

1620	Pavt Mrkg, Polyurea, 6 inch, White	8110094	69,900.000	Ft
1630	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,300.000	Ft
1640	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,300.000	Ft
1650	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	13,300.000	Ft
1660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	13,300.000	Ft
1670	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1680	Recessing Pavt Mrkg, Longit	8110450	93,360.000	Ft
1690	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	4,701.000	Ft
1700	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
1710	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
1720	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
1730	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1740	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1750	Minor Traf Devices	8120170	1.000	LSUM
1760	Pavt Mrkg Cover, Type R, Black	8120200	1,000.000	Ft
1770	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,000.000	Ft
1780	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	360.000	Ft
1790	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	25,100.000	Ft
1800	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,000.000	Ft
1810	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
1820	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
1830	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
1840	PTS System, Temp, Furn	8120270	1.000	Ea
1850	PTS System, Temp, Oper	8120271	1.000	Ea
1860	Sign Cover	8120310	20.000	Ea
1870	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1880	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1890	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
1900	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
1910	Sign, Type B, Temp, Prismatic, Furn	8120350	2,560.000	Sft
1920	Sign, Type B, Temp, Prismatic, Oper	8120351	2,560.000	Sft
1930	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	49.000	Sft
1940	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	49.000	Sft
1950	Traf Regulator Control	8120370	1.000	LSUM
1960	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,000.000	Ft
1970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	71,900.000	Ft
1980	Riprap, Plain	8130010	830.000	Syd
1990	_ Ditch Liner, 8 foot Width	8137011	1,500.000	Syd
2000	Paved Ditch, HMA	8140010	85.000	Syd

2010	Site Preparation, Max \$900.00	8150001	1.000	LSUM
2020	Watering and Cultivating, First Season, Min \$500.00	8150002	1.000	LSUM
2030	Watering and Cultivating, Second Season, Min \$650.00	8150003	1.000	LSUM
2040	Malus Prairie Fire, 2 inch	8152315	5.000	Ea
2050	Syringa vulgaris, #5 cont.	8153730	10.000	Ea
2060	Thuja occidentalis Techny, 5 foot	8153824	4.000	Ea
2070	_ Turf Establishment, Performance	8167011	157,000.000	Syd
2080	Monument Box	8210001	4.000	Ea
2090	Monument Preservation	8210010	6.000	Ea
2100	Protect Corners	8210020	1.000	Ea
2110	Centerline Corrugations, Milled, HMA	8220013	33,720.000	Ft
2120	Hydrant, Relocate, Case 1	8230095	1.000	Ea
2130	Water Shutoff, Adj, Case 2	8230422	8.000	Ea
2140	Gate Box, Adj, Case 2	8230432	8.000	Ea



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 007**Letting Date:** March 5, 2021**Contract ID:** 77000-202465

Description: 0.74 mi of hot mix asphalt reconstruction, cold milling and resurfacing, base repairs, storm sewer, concrete curb, gutter and ramps, signing and pavement markings on Huron Boulevard from Gratiot Boulevard (BL-94) to Connecticut Avenue and from Range Road to Gratiot Boulevard (BL-94) in the city of Marysville, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202465A	21A0221	N/A	STUL 77000
205138A	21A0235	N/A	STUL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$115,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	80.000	Ft
0040	Curb and Gutter, Rem	2040020	2,475.000	Ft
0050	Sidewalk, Rem	2040055	415.000	Syd
0060	_ Pavt, Rem, Modified	2047011	7,480.000	Syd
0070	Embankment, CIP	2050010	1,510.000	Cyd
0080	Excavation, Earth	2050016	520.000	Cyd
0090	_ Subgrade Undercutting, Modified	2057021	1,090.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	44.000	Ea
0110	_ Aggregate Base, 10 inch, Modified	3027011	7,200.000	Syd
0120	_ Aggregate Base, 4 inch, Modified	3027011	220.000	Syd
0130	Maintenance Gravel	3060020	320.000	Ton
0140	Geotextile, Stabilization	3080010	270.000	Syd
0150	Sewer, CI IV, 12 inch, Tr Det B	4020987	32.000	Ft
0160	Sewer Tap, 12 inch	4021204	1.000	Ea
0170	Sewer Tap, 36 inch	4021209	1.000	Ea
0180	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0190	Dr Structure Cover, Type B	4030010	4.000	Ea
0200	Dr Structure Cover, Type K	4030050	8.000	Ea
0210	Dr Structure Cover, Type Q	4030065	3.000	Ea
0220	Dr Structure, 24 inch dia	4030200	2.000	Ea
0230	Dr Structure, 60 inch dia	4030220	1.000	Ea
0240	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	2.000	Ft
0250	Dr Structure, Tap, 6 inch	4030306	5.000	Ea

0260	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0270	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	2,700.000	Ft
0280	Pavt, Cleaning	5010001	1.000	LSUM
0290	Cold Milling HMA Surface	5010002	13,500.000	Syd
0300	HMA Surface, Rem	5010005	270.000	Syd
0310	Pavt for Butt Joints, Rem	5010008	75.000	Syd
0320	Hand Patching	5010025	210.000	Ton
0330	HMA, 3E3	5010045	1,145.000	Ton
0340	HMA, 4E3	5010051	3,085.000	Ton
0350	HMA, 5E3	5010057	1,750.000	Ton
0360	HMA Approach	5010061	125.000	Ton
0370	Pavt Repr, Nonreinf Conc, 8 inch	6030044	25.000	Syd
0380	Pavt Repr, Rem	6030080	25.000	Syd
0390	Curb and Gutter, Conc, Det F4	8020038	2,390.000	Ft
0400	_ Curb and Gutter, Conc, Spill Out	8027001	45.000	Ft
0410	Curb Ramp Opening, Conc	8030030	185.000	Ft
0420	Sidewalk Ramp, Conc, 7 inch	8030037	2,100.000	Sft
0430	Sidewalk, Conc, 4 inch	8030044	1,600.000	Sft
0440	_ Detectable Warning Surface, Modified	8037001	130.000	Ft
0450	Post, Steel, 3 lb	8100371	600.000	Ft
0460	Sign, Type IIB	8100399	10.000	Sft
0470	Sign, Type III, Rem	8100403	20.000	Ea
0480	Sign, Type IIIA	8100404	90.000	Sft
0490	Sign, Type IIIB	8100405	170.000	Sft
0500	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	550.000	Ft
0510	Pavt Mrkg, Polyurea, Bike	8110100	14.000	Ea
0520	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	14.000	Ea
0530	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	160.000	Ft
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,725.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,950.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,725.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,950.000	Ft
0580	Rem Spec Mrkg	8110343	360.000	Sft
0590	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	18.000	Ea
0600	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	3.000	Ea
0610	_ Pavt Mrkg, Methyl Methacrylate, Green	8117010	1,800.000	Sft
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0640	Pedestrian Type II Barricade, Temp	8120026	29.000	Ea
0650	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	140.000	Ea
0660	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	140.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	225.000	Ft

0690	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0700	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0710	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0720	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0730	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	760.000	Sft
0740	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	760.000	Sft
0750	Traf Regulator Control	8120370	1.000	LSUM
0760	_ Lawn Restoration, Hydroseed	8167011	4,000.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 008**Letting Date:** March 5, 2021**Contract ID:** 04000-205302

Description: 3.99 mi of hot mix asphalt base crushing, shaping and resurfacing, signing and pavement markings on Cathro Road from Long Rapids Road north to Lacombe Road, Alpena County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205302A	21A0041	N/A	STL 04000

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	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0040	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0050	Embankment, CIP	2050010	50.000	Cyd
0060	Excavation, Earth	2050016	25.000	Cyd
0070	Erosion Control, Silt Fence	2080036	200.000	Ft
0080	_ Aggregate Base, Modified	3027031	1,000.000	Ton
0090	HMA Base Crushing and Shaping	3050002	63,345.000	Syd
0100	Approach, CI I	3070001	11.000	Ton
0110	Approach, CI II	3070021	250.000	Ton
0120	_ Shoulder, CI II, Modified	3077031	5,335.000	Ton
0130	Culv, CI A, CSP, 24 inch	4010202	307.000	Ft
0140	Culv, CI A, CSP, 72 inch	4010210	70.000	Ft
0150	Video Taping Sewer and Culv Pipe	4021275	377.000	Ft
0160	HMA Surface, Rem	5010005	136.000	Syd
0170	HMA, 13A	5010033	10,042.000	Ton
0180	_ HMA Approach, Modified	5017031	490.000	Ton
0190	_ Post, Mailbox, Modified	8077050	60.000	Ea
0200	Post, Steel, 3 lb	8100371	318.000	Ft
0210	Sign, Type IIIA	8100404	59.000	Sft
0220	Sign, Type IIIB	8100405	82.000	Sft
0230	_ Sign, Type III, Rem, Modified	8107050	19.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	41,940.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,710.000	Ft
0260	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0270	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	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	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,512.000	Ft
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	439.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	439.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	_ Slope Restoration	8167011	16,290.000	Syd
0380	Monument Box	8210001	5.000	Ea
0390	Monument Preservation	8210010	5.000	Ea



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 009**Letting Date:** March 5, 2021**Contract ID:** 21000-205823**Description:** 4.79 mi of hot mix asphalt wedging and overlay, guardrail and pavement makings on County Road 426 south of Boney Falls Road, Delta County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205823A	21A0196	N/A	STL 21000
210339A	21A0183	N/A	HRRR 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$80,200.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	468.000	Ft
0030	Embankment, LM	2050011	700.000	Cyd
0040	Erosion Control, Silt Fence	2080036	700.000	Ft
0050	Maintenance Gravel, LM	3060021	10.000	Cyd
0060	Approach, CI I, LM	3070003	70.000	Cyd
0070	Approach, CI II, LM	3070023	128.000	Cyd
0080	Shoulder, CI I, 3 inch	3070105	16,848.000	Syd
0090	Shoulder, CI II	3070121	500.000	Ton
0100	Trenching 3' Wide	3070200	506.000	Sta
0110	HMA Surface, Rem	5010005	1,627.000	Syd
0120	HMA, 4E1	5010050	8,191.000	Ton
0130	HMA Approach	5010061	222.000	Ton
0140	Guardrail, Type MGS-8	8070004	1,412.000	Ft
0150	Guardrail, Curved, Type MGS-8	8070012	150.000	Ft
0160	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0170	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
0180	Guardrail Reflector	8070080	58.000	Ea
0190	Post, Mailbox	8070095	10.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	50,900.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	40,000.000	Ft
0220	Witness, Log, \$1,000.00	8110350	1.000	Dlr
0230	Lighted Arrow, Type A, Furn	8120120	1.000	Ea
0240	Lighted Arrow, Type A, Oper	8120121	1.000	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	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	516.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	516.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	Slope Restoration, Type A	8160100	1,000.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 010**Letting Date:** March 5, 2021**Contract ID:** 46000-208114**Description:** Bridge reconstruction with 24 inch steel beams, concrete curb and gutter, guardrail and approach work on Country Club Road over Wolf Creek, Lenawee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208114A	21A0258	N/A	BRT 46000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$101,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.010	Acre
0030	Curb and Gutter, Rem	2040020	57.000	Ft
0040	Fence, Rem	2040025	80.000	Ft
0050	Guardrail, Rem	2040035	470.000	Ft
0060	Embankment, CIP	2050010	400.000	Cyd
0070	Excavation, Earth	2050016	250.000	Cyd
0080	Erosion Control, Silt Fence	2080036	700.000	Ft
0090	Aggregate Base, 8 inch	3020020	225.000	Syd
0100	Aggregate Base, 12 inch	3020030	150.000	Syd
0110	Shoulder, CI II, 6 inch	3070128	255.000	Syd
0120	Trenching	3070200	2.000	Sta
0130	Underdrain, Bank, Open-Graded, 6 inch	4040013	113.000	Ft
0140	Underdrain Outlet, 6 inch	4040093	80.000	Ft
0150	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0160	Cold Milling HMA Surface	5010002	755.000	Syd
0170	HMA Surface, Rem	5010005	335.000	Syd
0180	HMA, 3E1	5010044	40.000	Ton
0190	HMA, 5E1	5010056	170.000	Ton
0200	_ Conc Pavt, Reinf, 12 inch	6027011	67.000	Syd
0210	Curb and Gutter, Bridge Approach	8020010	110.000	Ft
0220	Curb and Gutter, Conc, Det B1	8020015	31.000	Ft
0230	Guardrail, Type MGS-8	8070004	213.000	Ft
0240	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0250	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0260	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0270	Guardrail Reflector	8070080	5.000	Ea
0280	Guardrail Anch, Bridge, Det M1	8070130	3.000	Ea

0290	_ Guardrail Anch, Bridge, Det T3, Modified (Type B)	8077050	1.000	Ea
0300	_ Fence, Rustic Split Rail	8087001	80.000	Ft
0310	Post, Steel, 3 lb	8100371	71.000	Ft
0320	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0330	Sign, Type III, Rem	8100403	6.000	Ea
0340	Sign, Type V, Rem	8100421	1.000	Ea
0350	Sign, Type V, Erect, Salv	8100422	1.000	Ea
0360	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	280.000	Ft
0370	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	280.000	Ft
0380	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	280.000	Ft
0390	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	280.000	Ft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0420	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	40.000	Ea
0430	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	40.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	217.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	217.000	Sft
0490	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	27.000	Sft
0500	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	27.000	Sft
0510	Ditch, Plain Cobble	8140005	8.000	Syd
0520	Slope Restoration, Type C	8160102	660.000	Syd
0530	Monument Box	8210001	1.000	Ea
0540	Monument Preservation	8210010	1.000	Ea

Section: 2

0550	Structures, Rem (SN 5607)	2040060	1.000	LSUM
0560	Backfill, Structure, CIP	2060002	435.000	Cyd
0570	Excavation, Fdn	2060010	545.000	Cyd
0580	Erosion Control, Filter Bag	2080014	2.000	Ea
0590	Erosion Control, Turbidity Curtain, Deep	2080042	140.000	Ft
0600	Geotextile, Separator	3080005	275.000	Syd
0610	Underdrain, Fdn, 4 inch	4040031	160.000	Ft
0620	Underdrain Outlet, 4 inch	4040091	120.000	Ft
0630	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0640	Cofferdams (SN 5607)	7040007	1.000	LSUM
0650	Cofferdams, Left in Place (SN 5607)	7040009	1.000	LSUM
0660	Prebore, Fdn Piling	7050001	120.000	Ft
0670	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0680	Pile, Steel, Furn and Driven, 14 inch	7050034	640.000	Ft
0690	Test Pile, Steel, 14 inch	7050035	4.000	Ea

0700	Pile Point, Steel	7050039	24.000	Ea
0710	Pile, Steel, Splice	7050050	24.000	Ea
0720	Bridge Ltg, Furn and Rem (SN 5607)	7060001	1.000	LSUM
0730	Bridge Ltg, Oper and Maintain	7060002	73.000	Cyd
0740	Conc, Grade T	7060013	200.000	Cyd
0750	Expansion Joint Device	7060050	31.000	Ft
0760	False Decking	7060060	1,750.000	Sft
0770	Reinforcement, Steel, Epoxy Coated	7060092	36,683.000	Lb
0780	Substructure Conc	7060100	144.000	Cyd
0790	Superstructure Conc	7060110	17.000	Cyd
0800	Superstructure Conc, Form, Finish, and Cure (SN 5607)	7060111	1.000	LSUM
0810	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 5607)	7060112	1.000	LSUM
0820	Superstructure Conc, Night Casting	7060113	73.000	Cyd
0830	Water Repellent Treatment, Penetrating	7060140	190.000	Syd
0840	Bearing, Elastomeric, 2 1/2 inch	7070018	2,016.000	Sin
0850	Shear Developers	7070040	1.000	LSUM
0860	Structural Steel, Plate, Erect	7070060	2,750.000	Lb
0870	Structural Steel, Plate, Furn and Fab	7070061	2,750.000	Lb
0880	Structural Steel, Rolled Shape, Erect	7070070	45,680.000	Lb
0890	Structural Steel, Rolled Shape, Furn and Fab	7070071	45,680.000	Lb
0900	Joint Waterproofing	7100001	141.000	Sft
0910	Joint Waterproofing, Expansion	7100003	58.000	Sft
0920	Bridge Railing, Aesthetic Parapet Tube	7110005	108.000	Ft
0930	Field Repair of Damaged Coating	7160001	1.000	LSUM
0940	Riprap, Heavy	8130005	315.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 011**Letting Date:** March 5, 2021**Contract ID:** 81000-203566**Description:** 4.28 mi of hot mix asphalt cold milling and resurfacing, gravel shoulders, sidewalk ramps and pavement markings on various routes, Washtenaw County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203566A	21A0086	N/A	STU 81000
205633A	21A0254	N/A	STL 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$169,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	294.000	Ft
0030	Guardrail, Rem	2040035	680.000	Ft
0040	Sidewalk, Rem	2040055	196.000	Syd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	27.000	Ea
0060	Project Cleanup	2090001	1.000	LSUM
0070	_ Shoulder, CI II, Modified	3077031	578.000	Ton
0080	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0090	_ Dr Structure Repair, Greater than 6 inches	4037001	10.000	Ft
0100	_ Sanitary Structure Cover, Adj, Case 1	4037050	1.000	Ea
0110	Cold Milling HMA Surface	5010002	94,927.000	Syd
0120	HMA Surface, Rem	5010005	38.000	Syd
0130	HMA, 5E1	5010056	9,911.000	Ton
0140	HMA Approach	5010061	169.000	Ton
0150	_ Void Reducing Asphalt Membrane	5017001	41,619.000	Ft
0160	_ Hand Patching, Modified	5017031	106.000	Ton
0170	Conc, Grade P1	6020030	10.000	Cyd
0180	Curb and Gutter, Conc, Det F4	8020038	214.000	Ft
0190	Detectable Warning Surface	8030010	50.000	Ft
0200	Curb Ramp Opening, Conc	8030030	80.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	1,123.000	Sft
0220	Sidewalk, Conc, 4 inch	8030044	593.000	Sft
0230	Guardrail, Type B	8070000	125.000	Ft
0240	Guardrail, Backed, Det G2	8070016	2.000	Ea
0250	Guardrail Approach Terminal, Type 2B	8070042	5.000	Ea
0260	Guardrail Reflector	8070080	16.000	Ea
0270	Post, Mailbox	8070095	4.000	Ea

0280	_ Guardrail Departing Terminal, Type B, 15 Ft Radius, Modified	8077050	1.000	Ea
0290	Perforated Steel Square Tube Breakaway System	8100330	3.000	Ea
0300	Post, Steel, 3 lb	8100371	28.000	Ft
0310	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0320	Sign, Type III, Rem	8100403	6.000	Ea
0330	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	168.000	Ft
0340	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	207.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, White	8110231	26,592.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	33,064.000	Ft
0370	Pavt Mrkg, Waterborne, 6 inch, White	8110233	23,744.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	26,592.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	33,064.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	23,744.000	Ft
0410	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0440	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0450	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	265.000	Ea
0460	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	265.000	Ea
0470	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	11,248.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,609.000	Ft
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0530	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	2,160.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	2,160.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Turf Establishment, Performance	8167011	161.000	Syd
0580	Wireless Vehicle Detection System	8200422	2.000	Ea
0590	Wireless Vehicle Sensor Node	8200425	21.000	Ea
0600	Wireless Vehicle Sensor Node, Salv	8200427	18.000	Ea
0610	_ Wireless Repeater, Flex	8207050	3.000	Ea
0620	Monument Box Adjust	8210005	5.000	Ea
0630	_ Monument Box, Modified	8217050	4.000	Ea



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 012**Letting Date:** March 5, 2021**Contract ID:** 49111-210626

Description: 5.89 mi of hot mix asphalt shared use path with shoreline protection on M-185 from north of Dennis O. Cawthorne Shoreline Trail northerly and westerly to north of Mahoney Avenue on Mackinac Island, Mackinac County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210626A	21A0322	N/A	ST 49111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$648,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.300	Acre
0030	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Aggregate, 6A	2060001	1,481.000	Cyd
0050	Erosion Control, Turbidity Curtain, Deep	2080042	12,575.000	Ft
0060	Aggregate Base	3020001	2,100.000	Ton
0070	HMA Base Crushing and Shaping	3050002	15,395.000	Syd
0080	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0090	Shoulder, CI II	3070121	1,250.000	Ton
0100	HMA Quality Initiative	5010007	5,620.000	Dlr
0110	HMA, LVSP	5010703	2,810.000	Ton
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	168.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	168.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0200	_ Armor Stone	8137031	27,900.000	Ton
0210	_ Stone Underlayer	8137031	7,757.000	Ton
0220	_ Toe Stone	8137031	10,328.000	Ton
0230	Monument Box	8210001	1.000	Ea
0240	Monument Box Adjust	8210005	3.000	Ea
0250	Monument Preservation	8210010	1.000	Ea
0260	Protect Corners	8210020	13.000	Ea

0270	Contractor Staking, Road Only	8240007	1.000	LSUM
0280	Staking Plan Errors and Extras, One Person	8240020	21.000	Hr
0290	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
0300	Staking Plan Errors and Extras, Three Person	8240022	13.000	Hr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 013**Letting Date:** March 5, 2021**Contract ID:** 11021-210919

Description: 6.57 mi of hot mix asphalt cold milling and resurfacing, joint repairs, shoulder reconstruction and pavement markings on US-12 from the Galien/Bertrand township Line easterly to Mayflower Road, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210919A	21A0323	N/A	ST 11021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$324,800.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	205.000	Cyd
0030	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0040	Aggregate Base, 6 inch	3020016	44,930.000	Syd
0050	Approach, CI II	3070021	680.000	Ton
0060	Shoulder, CI II	3070121	7,325.000	Ton
0070	_ Trenching, Special	3077002	594.000	Sta
0080	Cold Milling HMA Surface	5010002	112,795.000	Syd
0090	Bump Grinding	5010004	200.000	Syd
0100	HMA Surface, Rem	5010005	1,045.000	Syd
0110	HMA Quality Initiative	5010007	40,620.000	Dlr
0120	Longitudinal Joint Density Quality Initiative	5010018	103,085.000	Dlr
0130	HMA, 4E3	5010051	18,490.000	Ton
0140	HMA Approach	5010061	260.000	Ton
0150	_ Cold Milling HMA Surface, Modified	5017011	9,445.000	Syd
0160	_ Hand Patching, Modified	5017031	1,560.000	Ton
0170	Post, Mailbox	8070095	65.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,150.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	44,015.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	68,745.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,150.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	44,015.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	68,745.000	Ft
0240	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0250	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0260	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	950.000	Ea

0280	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	950.000	Ea
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 NR, Paint, 4 inch, Yellow, Temp	8120236	1,600.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	11,100.000	Ft
0350	Sign Cover	8120310	10.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	1,124.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	1,124.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	500.000	Ft
0420	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	3.000	Ea
0430	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	3.000	Ea
0440	_ Driveway Maintenance	8127050	83.000	Ea
0445	_ Safety Contingency	8127060	20,000.000	Dlr
0450	_ Slope Restoration, Bonded Fiber Matrix	8167011	2,075.000	Syd
0460	Monument Box	8210001	1.000	Ea
0470	Monument Box Adjust	8210005	1.000	Ea
0480	Monument Preservation	8210010	1.000	Ea
0490	Monument Preservation, Vertical	8210015	1.000	Ea
0500	Protect Corners	8210020	1.000	Ea
0510	Contractor Staking, Road Only	8240007	1.000	LSUM
0520	Staking Plan Errors and Extras, One Person	8240020	27.000	Hr
0530	Staking Plan Errors and Extras, Two Person	8240021	11.000	Hr
0540	Staking Plan Errors and Extras, Three Person	8240022	16.000	Hr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 014**Letting Date:** March 5, 2021**Contract ID:** 46081-208996

Description: 0.14 mi of hot mix asphalt and concrete pavement reconstruction, concrete curb and gutter, drainage, sewer, signing, guardrail, concrete precast culvert replacements including steel sheet piling, cofferdams and pavement marking on US-12 and M-50 over the Neering Drain, Lenawee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208996A	N/A	N/A	M 46081

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 \$159,800.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.010	Acre
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0060	Curb and Gutter, Rem	2040020	111.000	Ft
0070	Guardrail, Rem	2040035	690.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0090	Pavt, Rem	2040050	1,679.000	Syd
0100	Embankment, CIP	2050010	470.000	Cyd
0110	Excavation, Earth	2050016	198.000	Cyd
0120	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0140	Erosion Control, Maintenance, Sediment Removal	2080026	35.000	Cyd
0150	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0160	Erosion Control, Silt Fence	2080036	1,836.000	Ft
0170	Project Cleanup	2090001	1.000	LSUM
0180	Subbase, CIP	3010002	893.000	Cyd
0190	Aggregate Base	3020001	143.000	Ton
0200	Aggregate Base, 6 inch	3020016	2,829.000	Syd
0210	_ Shoulder, Cl II, 8 1/2 inch	3077011	522.000	Syd
0220	Outfall Label	4011115	2.000	Ea
0230	Sewer, Cl A, 12 inch, Tr Det B	4020033	72.000	Ft
0240	Dr Structure Cover, Type J	4030045	3.000	Ea
0250	Dr Structure, 24 inch dia	4030200	2.000	Ea
0260	Dr Structure, 48 inch dia	4030210	1.000	Ea
0270	Pavt, Cleaning	5010001	1.000	LSUM

0280	Cold Milling HMA Surface	5010002	922.000	Syd
0290	HMA Surface, Rem	5010005	2,552.000	Syd
0300	HMA Quality Initiative	5010007	2,984.000	Dlr
0310	Longitudinal Joint Density Quality Initiative	5010018	2,530.000	Dlr
0320	HMA, 3E3	5010045	1,143.000	Ton
0330	HMA, 5E3	5010057	300.000	Ton
0340	HMA Approach	5010061	49.000	Ton
0350	Conc Base Cse, Nonreinf, 8 inch	6020019	254.000	Syd
0360	Joint, Contraction, Cp	6020200	120.000	Ft
0370	Joint, Contraction, C3p	6020201	80.000	Ft
0380	Conc, Grade S2	7060011	2.000	Cyd
0390	Reinforcement, Steel, Culv and Headwall	7060091	80.000	Lb
0400	_ Curb and Gutter, Conc, Det B1, Modified	8027001	110.000	Ft
0410	Guardrail, Type MGS-8	8070004	713.000	Ft
0420	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0430	Guardrail Reflector	8070080	46.000	Ea
0440	_ Guardrail Long Span, Detail MGS-2	8077050	2.000	Ea
0450	_ Guardrail Long Span, Detail MGS-3	8077050	2.000	Ea
0460	Column, Breakaway, W8 x 13	8100120	2.000	Ea
0470	Delineator Reflector, Green	8100133	9.000	Ea
0480	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
0490	Fdn, Wood Support, Rem	8100280	2.000	Ea
0500	Delineator, Rem	8100349	4.000	Ea
0510	Post, Rigid, Delineator	8100361	9.000	Ea
0520	Post, Steel, 3 lb	8100371	30.000	Ft
0530	Post, Wood, 6 inch by 8 inch	8100382	60.000	Ft
0540	Sign, Type I, Rem	8100391	1.000	Ea
0550	Sign, Type IA	8100392	45.000	Sft
0560	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0570	Sign, Type II, Rem	8100397	1.000	Ea
0580	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0590	Sign, Type III, Rem	8100403	12.000	Ea
0600	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,594.000	Ft
0620	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,884.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,594.000	Ft
0640	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,884.000	Ft
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0670	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0680	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0690	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0700	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea

0710	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0720	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	6.000	Ea
0730	Minor Traf Devices	8120170	1.000	LSUM
0740	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,578.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0760	Plastic Drum, Fluorescent, Furn	8120252	63.000	Ea
0770	Plastic Drum, Fluorescent, Oper	8120253	63.000	Ea
0780	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	26.000	Ft
0790	Sign Cover	8120310	61.000	Ea
0800	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0810	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0820	Sign, Type A, Temp, Prismatic, Furn	8120340	15.000	Sft
0830	Sign, Type A, Temp, Prismatic, Oper	8120341	15.000	Sft
0840	Sign, Type B, Temp, Prismatic, Furn	8120350	1,467.000	Sft
0850	Sign, Type B, Temp, Prismatic, Oper	8120351	1,467.000	Sft
0860	Traf Regulator Control	8120370	1.000	LSUM
0870	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	432.000	Ft
0880	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	432.000	Ft
0890	Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8121002	432.000	Ft
0900	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	3,800.000	Ft
0910	_ Temp Rumble Strips (Orange), Stop Condition	8127001	660.000	Ft
0920	_ Mulch Blanket, Modified	8167011	110.000	Syd
0930	_ Slope Restoration, Bonded Fiber Matrix	8167011	1,770.000	Syd
0940	Cable Pole, TS, Dismant	8190010	1.000	Ea
0950	Cable, Sec, Rem	8190017	450.000	Ft
0960	Conduit, DB, 1, 1/2 inch	8190025	10.000	Ft
0970	Conduit, DB, 1, 3 inch	8190029	10.000	Ft
0980	Conduit, Rem	8190140	20.000	Ft
0990	Hh, Rem	8190254	1.000	Ea
1000	Hh, Round	8190260	1.000	Ea
1010	Cable, Sec, 600V, 1, 3/C#6	8190399	450.000	Ft
1020	Wood Pole, Cl 4, 40 foot	8190473	6.000	Ea
1030	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1040	Wood Pole, Rem	8190505	6.000	Ea
1050	Controller and Cabinet, Rem	8200030	2.000	Ea
1060	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1070	Global Positioning System Module	8200050	2.000	Ea
1080	Global Positioning System Module, Rem	8200053	2.000	Ea
1090	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
1100	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
1110	Serv Disconnect	8200135	1.000	Ea

1120	Serv Disconnect, Rem	8200136	1.000	Ea
1130	Span Wire	8200140	9.000	Ea
1140	Span Wire, Rem	8200141	9.000	Ea
1150	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1160	Warning Sign	8200260	1.000	Ea
1170	Warning Sign, Rem	8200261	1.000	Ea
1180	TS, One Way Span Wire Mtd (LED)	8200313	4.000	Ea
1190	TS, Antenna	8200367	1.000	Ea
1200	TS, Antenna, Rem	8200368	1.000	Ea
1210	Sign, Changeable Message LED, Open-Closed	8200504	1.000	Ea
1220	Sign, Changeable Message LED, Open-Closed, Rem	8200505	1.000	Ea
1230	Centerline Corrugations, Milled, HMA	8220013	700.000	Ft

Section: 2

1240	Exploratory Investigation, Vertical	2040080	250.000	Ft
1250	Backfill, Structure, CIP	2060002	434.000	Cyd
1260	Excavation, Fdn	2060010	2,137.000	Cyd
1270	Erosion Control, Filter Bag	2080014	10.000	Ea
1280	Erosion Control, Gravel Filter Berm	2080018	500.000	Ft
1290	Erosion Control, Turbidity Curtain, Shallow	2080044	400.000	Ft
1300	_ Geotextile, Separator, Non-Woven	3087011	880.000	Syd
1310	Trench Undercut and Backfill	4021260	100.000	Cyd
1320	_ Bypass Pumping	4027051	1.000	LSUM
1330	Underdrain, Fdn, 6 inch	4040033	360.000	Ft
1340	Underdrain Outlet, 6 inch	4040093	174.000	Ft
1350	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
1360	Culv Bedding, Box Culv	4060005	120.000	Cyd
1370	Culv, Precast Conc Box, 12 foot by 5 foot	4060146	93.000	Ft
1380	Culv, Precast Conc Box, 12 foot by 7 foot	4060148	55.000	Ft
1390	Cofferdams, Left in Place (C02 of 46101)	7040009	1.000	LSUM
1400	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	43.000	Sft
1410	_ Cofferdam, Left in Place, Special (C02 of 46081)	7047051	1.000	LSUM
1420	Joint Waterproofing	7100001	168.000	Sft
1430	_ Geotextile Retaining Wall, Temp	8007011	7.000	Syd
1440	_ Riprap, Special, Class II	8137031	1,143.000	Ton



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 015**Letting Date:** March 5, 2021**Contract ID:** 58151-129661

Description: 1.51 mi of interchange reconstruction and reconfiguration with roundabouts at the ramp terminals, drainage, signing, lighting, pavement markings, culvert headwall construction, guardrail, concrete patching and bridge replacement with 42-inch prestressed concrete bulb tee beams on I-75 under LaPlaisance Road over I-75, Monroe County. This project includes two 5 year materials and workmanship pavement warranties and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129661A	21A0324	N/A	IM 58151
208672A	21A0325	N/A	IM 58151

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,571,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	7.540	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	85.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0090	Dr Structure, Rem	2030011	4.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	271.000	Ft
0110	Curb and Gutter, Rem	2040020	364.000	Ft
0120	Guardrail, Rem	2040035	3,143.000	Ft
0130	Pavt, Rem	2040050	30,993.000	Syd
0140	Exploratory Investigation, Vertical	2040080	50.000	Ft
0150	Backfill, Swamp	2050001	2,000.000	Cyd
0160	Embankment, CIP	2050010	781.000	Cyd
0170	Excavation, Earth	2050016	49,958.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	1,500.000	Cyd
0200	_ Embankment, CIP, Special	2057021	232,271.000	Cyd
0210	Aggregate, 6A	2060001	133.000	Cyd
0220	Obliterate Old Road	2070001	57.000	Sta
0230	Erosion Control, Check Dam, Stone	2080012	640.000	Ft
0240	Erosion Control, Gravel Access Approach	2080016	4.000	Ea

0250	Erosion Control, Inlet Protection, Fabric Drop	2080020	46.000	Ea
0260	Erosion Control, Inlet Protection, Sediment Trap	2080024	15.000	Ea
0270	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0280	Erosion Control, Sediment Basin	2080032	15.000	Cyd
0290	Erosion Control, Sediment Trap	2080034	24.000	Ea
0300	Erosion Control, Silt Fence	2080036	13,843.000	Ft
0310	Project Cleanup	2090001	1.000	LSUM
0320	Subbase, CIP	3010002	11,861.000	Cyd
0330	Aggregate Base, LM	3020002	865.000	Cyd
0340	Aggregate Base, 4 inch	3020010	842.000	Syd
0350	Aggregate Base, 6 inch	3020016	28,991.000	Syd
0360	Aggregate Base, 10 inch	3020026	17,640.000	Syd
0370	Maintenance Gravel	3060020	445.000	Ton
0380	_ Driveway Maintenance, Commercial	3067050	1.000	Ea
0390	_ Intersection Maintenance	3067050	1.000	Ea
0400	Shoulder, CI II, 7 inch	3070129	614.000	Syd
0410	Shoulder, CI II, 8 inch	3070130	1,205.000	Syd
0420	_ Shoulder, CI II, 12 inch	3077011	1,693.000	Syd
0430	Culv End Sect, 24 inch	4010024	11.000	Ea
0440	Culv, CI A, 24 inch	4010134	479.000	Ft
0450	Culv, Downspout, 12 inch	4010795	1,025.000	Ft
0460	Dr Marker Post	4011109	134.000	Ea
0470	Sewer, CI A, 12 inch, Tr Det B	4020033	797.000	Ft
0480	Sewer, CI A, 24 inch, Tr Det B	4020036	286.000	Ft
0490	Sewer Tap, 12 inch	4021204	1.000	Ea
0500	Video Taping Sewer and Culv Pipe	4021275	2,806.000	Ft
0510	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0520	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0530	Dr Structure Cover, Type B	4030010	5.000	Ea
0540	Dr Structure Cover, Type J	4030045	31.000	Ea
0550	Dr Structure Cover, Type Q	4030065	1.000	Ea
0560	Dr Structure, 24 inch dia	4030200	10.000	Ea
0570	Dr Structure, 48 inch dia	4030210	26.000	Ea
0580	Underdrain, Subbase, 6 inch	4040063	20,023.000	Ft
0590	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0600	Underdrain Outlet, 6 inch	4040093	2,840.000	Ft
0610	Underdrain, Outlet Ending, 6 inch	4040113	93.000	Ea
0620	_ Video Inspection of Underdrain	4047001	24,400.000	Ft
0630	_ Bypass Pumping	4057051	1.000	LSUM
0640	Pavt, Cleaning	5010001	1.000	LSUM
0650	Bump Grinding	5010004	500.000	Syd
0660	HMA Surface, Rem	5010005	12,019.000	Syd
0670	HMA Quality Initiative	5010007	14,820.000	Dlr
0680	Longitudinal Joint Density Quality Initiative	5010018	18,938.000	Dlr
0690	HMA, 3E3	5010045	2,971.000	Ton

0700	HMA, 4E3	5010051	916.000	Ton
0710	HMA, 5E3	5010057	916.000	Ton
0720	HMA Approach	5010061	623.000	Ton
0730	HMA Approach, High Stress	5010520	1,984.000	Ton
0740	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	5,015.000	Syd
0750	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	6,437.000	Syd
0760	Joint, Contraction, Cp	6020200	1,929.000	Ft
0770	Shoulder, Nonreinf Conc	6020222	11,780.000	Syd
0780	Conc Quality Initiative	6020401	84,389.000	Dlr
0790	Conc Pavt, Bridge Approach, Reinf	6020600	451.000	Syd
0800	_ Conc Pavt, Decorative, Nonreinf, 4 inch	6027011	101.000	Syd
0810	_ Conc Pavt, Decorative, Nonreinf, 6 inch	6027011	2,104.000	Syd
0820	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	1,028.000	Syd
0830	_ Joint, Contraction, C3p, Modified	6027011	8,288.000	Syd
0840	_ Joint, Contraction, Cp, Modified	6027011	6,178.000	Syd
0850	_ Joint, Expansion, E2, Modified	6027011	243.000	Syd
0860	_ Joint, Expansion, E3, Modified	6027011	53.000	Syd
0870	_ Joint, Expansion, E4, Modified	6027011	105.000	Syd
0880	Cement	6030005	75.000	Ton
0890	Joint, Contraction, Crg	6030020	15,069.000	Ft
0900	Joint, Expansion, Erg	6030021	26.000	Ft
0910	Lane Tie, Epoxy Anchored	6030030	2,996.000	Ea
0920	Non-Chloride Accelerator	6030035	3,178.000	Gal
0930	Pavt Repr, Nonreinf Conc, 12 inch	6030052	2,644.000	Syd
0940	Pavt Repr, Nonreinf Conc, 13 inch	6030053	1,960.000	Syd
0950	Pavt Repr, Rem	6030080	4,603.000	Syd
0960	Saw Cut, Intermediate	6030090	2,195.000	Ft
0970	_ Filling Shldr Corrugations with Hot-Poured Rubber	6037001	11,400.000	Ft
0980	Conc, Grade S2	7060011	27.000	Cyd
0990	Reinforcement, Steel, Culv and Headwall	7060091	520.000	Lb
1000	Driveway, Nonreinf Conc, 6 inch	8010005	149.000	Syd
1010	Curb, Conc, Det E1	8020001	630.000	Ft
1020	Curb and Gutter, Bridge Approach	8020010	269.000	Ft
1030	Curb and Gutter, Conc, Det B1	8020015	729.000	Ft
1040	Curb and Gutter, Conc, Det B2	8020016	2,699.000	Ft
1050	_ Curb and Gutter, Conc, D2, Modified	8027001	818.000	Ft
1060	Detectable Warning Surface	8030010	60.000	Ft
1070	Curb Ramp Opening, Conc	8030030	123.000	Ft
1080	Sidewalk Ramp, Conc, 4 inch	8030034	654.000	Sft
1090	Sidewalk, Conc, 4 inch	8030044	2,516.000	Sft
1100	Guardrail, Type B	8070000	38.000	Ft
1110	Guardrail, Type TD	8070003	388.000	Ft
1120	Guardrail, Type MGS-8	8070004	1,696.000	Ft
1130	Guardrail, Curved, Type B	8070010	151.000	Ft
1140	Guardrail Anch, Bridge, Det T5	8070026	4.000	Ea

1150	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
1160	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
1170	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
1180	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
1190	Guardrail Reflector	8070080	92.000	Ea
1200	Guardrail Anch, Bridge, Det M1	8070130	5.000	Ea
1210	Guardrail Anch, Bridge, Det M3	8070132	1.000	Ea
1220	Fence, Woven Wire with Steel Post	8080002	86.000	Ft
1230	Field Office, CI 1	8090001	10.000	Mo
1240	Field Office, Utility Fees	8090010	15,000.000	Dlr
1250	Cantilever, Rem	8100090	2.000	Ea
1260	Cantilever, Type E, Erect, Salv	8100105	1.000	Ea
1270	Delineator Reflector, Yellow	8100132	25.000	Ea
1280	Delineator Reflector, Green	8100133	114.000	Ea
1290	Delineator Reflector, White	8100134	16.000	Ea
1300	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	24.000	Ft
1310	Fdn, Cantilever, Rem	8100190	2.000	Ea
1320	Fdn, Column Breakaway, Rem	8100220	2.000	Ea
1330	Fdn, Wood Support, Rem	8100280	17.000	Ea
1340	Installing MDOT Supplied Sign, Type III	8100302	1.000	Ea
1350	Perforated Steel Square Tube Breakaway System	8100330	3.000	Ea
1360	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	3.000	Ea
1370	Post, Flexible, Delineator	8100360	41.000	Ea
1380	Post, Steel, 3 lb	8100371	1,716.000	Ft
1390	Post, Wood, 4 inch by 6 inch	8100380	346.000	Ft
1400	Post, Wood, 6 inch by 8 inch	8100382	60.000	Ft
1410	Sign, Type I, Rem	8100391	6.000	Ea
1420	Sign, Type IA	8100392	182.000	Sft
1430	Sign, Type II, Erect, Salv	8100396	1.000	Ea
1440	Sign, Type II, Rem	8100397	27.000	Ea
1450	Sign, Type IIA	8100398	235.000	Sft
1460	Sign, Type IIB	8100399	40.000	Sft
1470	Sign, Type III, Erect, Salv	8100402	12.000	Ea
1480	Sign, Type III, Rem	8100403	79.000	Ea
1490	Sign, Type IIIA	8100404	222.000	Sft
1500	Sign, Type IIIB	8100405	228.000	Sft
1510	Sign, Type V, Rem	8100421	6.000	Ea
1520	Sign, Type VA	8100424	45.000	Sft
1530	Sign, Type VB	8100425	118.000	Sft
1540	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
1550	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
1560	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	100.000	Ft
1570	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	47.000	Ft

1580	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	5.000	Ea
1590	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
1600	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
1610	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1620	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
1630	Pavt Mrkg, Ovly Cold Plastic, Thru & Lt Roundabout Arrow Sym	8110086	2.000	Ea
1640	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	541.000	Ft
1650	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	3,859.000	Ft
1660	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	19,032.000	Ft
1670	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	5,211.000	Ft
1680	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	2,309.000	Ft
1690	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	594.000	Ft
1700	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	594.000	Ft
1710	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1720	Recessing Pavt Mrkg, Longit	8110450	29,907.000	Ft
1730	Recessing Pavt Mrkg, Transv	8110451	568.000	Sft
1740	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	12,848.000	Ft
1750	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	16,901.000	Ft
1760	_ Enhanced Delineation, Unidirectional, Guardrail, Channel Mount	8117001	3,147.000	Ft
1770	_ Pavt Mrkg, Ovly Cold Plastic, Rt Thru & Lt Roundabout Arrow Sym	8117050	1.000	Ea
1780	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	28.000	Ea
1790	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	28.000	Ea
1800	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	6.000	Ea
1810	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
1820	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
1830	Conc Barrier, Temp, Adj	8120080	7,786.000	Ft
1840	Conc Barrier, Temp, Furn	8120081	8,670.000	Ft
1850	Conc Barrier, Temp, Oper	8120082	8,670.000	Ft
1860	Delineator, Flexible, Temp, Furn	8120091	15.000	Ea
1870	Delineator, Flexible, Temp, Oper	8120092	15.000	Ea
1880	High Intensity Light, Type B, Furn	8120110	4.000	Ea
1890	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1900	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
1910	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
1920	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
1930	Ltg for Night Work	8120160	1.000	LSUM
1940	Minor Traf Devices	8120170	1.000	LSUM
1950	Mobile Attenuator	8120180	1.000	Ea
1960	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	17,495.000	Ft
1970	Plastic Drum, Fluorescent, Furn	8120252	1,583.000	Ea

1980	Plastic Drum, Fluorescent, Oper	8120253	1,583.000	Ea
1990	Sign Cover	8120310	158.000	Ea
2000	Sign Cover, Type 1	8120320	7.000	Ea
2010	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
2020	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
2030	Sign, Type A, Temp, Prismatic, Furn	8120340	1,122.000	Sft
2040	Sign, Type A, Temp, Prismatic, Oper	8120341	1,122.000	Sft
2050	Sign, Type B, Temp, Prismatic, Furn	8120350	5,265.000	Sft
2060	Sign, Type B, Temp, Prismatic, Oper	8120351	5,265.000	Sft
2070	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	457.000	Sft
2080	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	457.000	Sft
2090	Traf Regulator Control	8120370	1.000	LSUM
2100	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	33,845.000	Ft
2110	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	13,633.000	Ft
2120	Temp Rumble Strips (Orange)	8122030	3,888.000	Ft
2130	_ Speed Radar Trailer, Temp	8127050	2.000	Ea
2140	Riprap, Plain	8130010	157.000	Syd
2150	Site Preparation, Max \$16,578.00	8150001	1.000	LSUM
2160	Watering and Cultivating, First Season, Min \$8,052.00	8150002	1.000	LSUM
2170	Watering and Cultivating, Second Season, Min \$9,947.00	8150003	1.000	LSUM
2180	Aronia melanocarpa, #5 cont.	8150360	8.000	Ea
2190	Aronia melanocarpa Morton, #5 cont.	8150364	13.000	Ea
2200	Cornus sanguinea Cardinal, #5 cont.	8151041	6.000	Ea
2210	Cornus sericea, #5 cont.	8151064	10.000	Ea
2220	Crataegus crusgalli Inermis, 2 inch	8151132	9.000	Ea
2230	Picea abies, 6 foot	8152742	16.000	Ea
2240	Picea omorika, 5 foot	8152787	20.000	Ea
2250	Pinus nigra, 5 foot	8152842	21.000	Ea
2260	Platanus x acerifolia, 2 inch	8152891	20.000	Ea
2270	Quercus bicolor, 2 inch	8153044	24.000	Ea
2280	Quercus imbricaria, 1 1/2 inch	8153070	22.000	Ea
2290	Ulmus x Homestead, 1 1/2 inch	8153958	16.000	Ea
2300	Slope Restoration, Type B	8160101	111,506.000	Syd
2310	Slope Restoration, Type C	8160102	10,447.000	Syd
2320	Slope Restoration, Type D	8160103	71.000	Syd
2330	_ Mulch Blanket, High Velocity, Modified	8167011	11,518.000	Syd
2340	_ Mulch Blanket, Modified	8167011	114,006.000	Syd
2350	_ _ Utility, Elec	8167060	1.000	Dlr
2360	Conduit, DB, 1, 3 inch	8190029	940.000	Ft
2370	Conduit, Directional Bore, 3 inch	8190044	226.000	Ft
2380	Conduit, Rem	8190140	976.000	Ft
2390	Conduit, Schedule 80 PVC, 3 inch	8190159	4,009.000	Ft

2400	DB Cable, in Conduit, 600V, 1/C#2	8190201	2,603.000	Ft
2410	DB Cable, in Conduit, 600V, 1/C#8	8190212	9,420.000	Ft
2420	Cable, Equipment Grounding Wire, 1/C#2	8190232	961.000	Ft
2430	Cable, Equipment Grounding Wire, 1/C#8	8190237	3,274.000	Ft
2440	Hh, Heavy Duty Cover	8190246	35.000	Ea
2450	Hh, Rem	8190254	1.000	Ea
2460	Light Std Arm, 12 foot	8190268	30.000	Ea
2470	Light Std Fdn	8190279	30.000	Ea
2480	Light Std, Frangible Transformer Base	8190281	30.000	Ea
2490	Light Std Shaft, 31 foot to 40 foot	8190286	30.000	Ea
2500	Luminaire	8190330	30.000	Ea
2510	Cable, Sec, 600V, 3, 1/C#6	8190407	940.000	Ft
2520	Wood Pole, Cl 4, 40 foot	8190473	1.000	Ea
2530	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
2540	__ Lighting Control Panel	8197050	1.000	Ea
2550	__ Meter, Pedestal	8197050	1.000	Ea
2560	_ Hh, Round, Electric	8197050	4.000	Ea
2570	Monument Box	8210001	10.000	Ea
2580	Monument Preservation	8210010	10.000	Ea
2590	Protect Corners	8210020	10.000	Ea
2600	Shoulder Corrugations, Ground or Cut, Conc	8220000	17,953.000	Ft
2610	Gate Box, Adj, Case 2	8230432	2.000	Ea
2620	Contractor Staking	8240001	1.000	LSUM
2630	Staking Plan Errors and Extras, One Person	8240020	124.000	Hr
2640	Staking Plan Errors and Extras, Two Person	8240021	50.000	Hr
2650	Staking Plan Errors and Extras, Three Person	8240022	74.000	Hr

Section: 2

2660	Structures, Rem Portions (S10 of 58151)	2040061	1.000	LSUM
2670	Embankment, Structure, CIP	2050012	2,023.000	Cyd
2680	Backfill, Structure, CIP	2060002	1,995.000	Cyd
2690	Backfill, Select	2060004	4,156.000	Cyd
2700	Excavation, Fdn	2060010	2,710.000	Cyd
2710	Underdrain, Fdn, 4 inch	4040031	710.000	Ft
2720	Underdrain, Fdn, 6 inch	4040033	710.000	Ft
2730	Underdrain Outlet, 4 inch	4040091	40.000	Ft
2740	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
2750	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	5,821.000	Sft
2760	Pile Driving Equipment, Furn (S10 of 58151)	7050002	1.000	LSUM
2770	Pile, CIP Conc, Furn and Driven, 16 inch	7050026	2,320.000	Ft
2780	_ Pile Protection, CIP Piles	7057001	639.000	Ft
2790	_ Test Pile, Dynamic Analysis	7057050	6.000	Ea
2800	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	3.000	Ea
2810	Bridge Ltg, Furn and Rem (S10 of 58151)	7060001	1.000	LSUM
2820	Bridge Ltg, Oper and Maintain	7060002	368.000	Cyd

2830	Expansion Joint Device	7060050	105.000	Ft
2840	False Decking	7060060	13,200.000	Sft
2850	Reinforcement, Steel, Epoxy Coated	7060092	124,057.000	Lb
2860	Substructure Conc, High Performance	7060101	310.000	Cyd
2870	Superstructure Conc, Form, Finish, and Cure (S10 of 58151)	7060111	1.000	LSUM
2880	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10 of 58151)	7060112	1.000	LSUM
2890	Superstructure Conc, High Performance	7060116	60.000	Cyd
2900	Superstructure Conc, Night Casting, High Performance	7060117	368.000	Cyd
2910	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	5,250.000	Sft
2920	Mechanically Stabilized Earth Wall, Precast, Install	7060201	5,250.000	Sft
2930	Mechanically Stabilized Earth Wall Coping, Precast	7060206	260.000	Ft
2940	Mechanically Stabilized Earth Wall Coping, CIP	7060207	40.000	Ft
2950	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	300.000	Ft
2960	Liner, PVC, 30 mil	7060209	850.000	Syd
2970	_ Texturing Conc	7067011	306.000	Syd
2980	Bearing, Elastomeric, 2 3/4 inch	7070019	8,802.000	Sin
2990	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,957.000	Lb
3000	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,957.000	Lb
3010	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	1,134.000	Ft
3020	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	1,134.000	Ft
3030	Joint Waterproofing	7100001	101.000	Sft
3040	Joint Waterproofing, Expansion	7100003	219.000	Sft
3050	Conc Surface Coating, Warranty (S10 of 58151)	7100009	1.000	LSUM
3060	Substructure Horizontal Surface Sealer (S10 of 58151)	7100030	20.000	Syd
3070	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	384.000	Ft



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 016**Letting Date:** March 5, 2021**Contract ID:** 80000-206964

Description: 1.20 mi of hot mix asphalt widening, crushing, shaping and resurfacing, concrete curb and gutter, trenching, signing, slope restoration and pavement markings on County Road 388 from 46th Street to the west village limits of Bloomingdale, Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206964A	21A0270	N/A	STL 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$103,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	7.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	6.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	17.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	18.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0070	Pavt, Rem	2040050	98.000	Syd
0080	Embankment, LM	2050011	400.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0100	_ Machine Grading, Modified	2057002	64.000	Sta
0110	Erosion Control, Check Dam, Stone	2080012	99.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0130	Erosion Control, Silt Fence	2080036	12,800.000	Ft
0140	Aggregate Base	3020001	2,347.000	Ton
0150	Aggregate Base, 8 inch	3020020	7,578.000	Syd
0160	HMA Base Crushing and Shaping	3050002	22,757.000	Syd
0170	Approach, CI III, 6 inch	3070048	910.000	Syd
0180	Shoulder, CI II	3070121	793.000	Ton
0190	Trenching	3070200	121.000	Sta
0200	Geotextile, Separator	3080005	450.000	Syd
0210	Culv End Sect, Conc, 15 inch	4010048	4.000	Ea
0220	Culv End Sect, Conc, 18 inch	4010049	8.000	Ea
0230	Culv End Sect, Conc, 24 inch	4010051	3.000	Ea
0240	Culv End Sect, Metal, 12 inch	4010094	41.000	Ea
0250	Culv, CI E, Conc, 15 inch	4010574	128.000	Ft
0260	Culv, CI E, Conc, 18 inch	4010575	160.000	Ft
0270	Culv, CI E, Conc, 24 inch	4010576	328.000	Ft

0280	Dr Structure Cover, Type G	4030040	1.000	Ea
0290	Dr Structure, 48 inch dia	4030210	1.000	Ea
0300	HMA Approach	5010061	30.000	Ton
0310	HMA, LVSP	5010703	4,469.000	Ton
0320	Curb and Gutter, Conc, Det B2	8020016	413.000	Ft
0330	Curb and Gutter, Conc, Det C4	8020023	898.000	Ft
0340	Spillway, Conc	8020075	36.000	Ft
0350	Guardrail, Type MGS-8	8070004	888.000	Ft
0360	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0370	Post, Mailbox	8070095	12.000	Ea
0380	Sign, Type III, Erect, Salv	8100402	18.000	Ea
0390	Sign, Type III, Rem	8100403	18.000	Ea
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,280.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,280.000	Ft
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0440	Dust Palliative, Applied	8120100	20.000	Ton
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0470	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0480	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0490	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	629.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	629.000	Sft
0520	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	80.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	80.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	Riprap, Plain	8130010	40.000	Syd
0560	Slope Restoration, Type B	8160101	21,460.000	Syd
0570	Slope Restoration, Type C	8160102	3,820.000	Syd
0580	Slope Restoration, Type D	8160103	320.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 210305 017

Letting Date: March 5, 2021

Contract ID: 73000-205963

Description: Bridge rehabilitation including epoxy overlay, deck repairs, expansion joint replacement and surface sealer on all piers on Center Street over the Saginaw River in the city of Saginaw, Saginaw County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205963A	21A0222	N/A	HIP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,100.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	5.000	Syd
0030	Sidewalk, Conc, 4 inch	8030044	45.000	Sft
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	27.000	Ea
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	27.000	Ea
0060	Pedestrian Type II Barricade, Temp	8120026	9.000	Ea
0070	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0120	Sign Cover	8120310	66.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	451.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	451.000	Sft
0150	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	231.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	231.000	Sft

Section: 2

0170	Conc, Grade D	7060010	11.000	Cyd
0180	Expansion Joint Device	7060050	79.000	Ft
0190	Expansion Joint Device, Cover Plate	7060051	14.000	Ft
0200	False Decking	7060060	1,000.000	Sft
0210	Reinforcement, Steel, Epoxy Coated	7060092	1,856.000	Lb
0220	Hand Chipping, Shallow	7120003	70.000	Syd
0230	Hand Chipping, Deep	7120004	220.000	Syd
0240	Hand Chipping, Other Than Deck	7120007	300.000	Cft

0250	Epoxy Ovly	7120020	4,971.000	Syd
0260	Structures, Rehabilitation, Rem Portions STR 9438	7120070	1.000	LSUM
0270	Deck Joint, Rem	7120071	79.000	Ft
0280	Reinforcement, Mechanical Splice	7120084	20.000	Ea
0290	Patching Conc, C-L	7120112	47.000	Cyd
0300	Embedded Galvanic Anode	7120120	250.000	Ea
0310	_ Hand Chipping, Full Depth	7127020	40.000	Cft
0320	Beam Plate, Seal Perimeter	7130010	32.000	Ft
0330	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	800.000	Lb
0340	Protective Shield, Utility Pipe	7150025	100.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, White	8110231	420.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	800.000	Ft



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 018**Letting Date:** March 5, 2021**Contract ID:** 17000-206123**Description:** 4.00 mi of hot mix asphalt crushing, shaping and resurfacing, shoulders and pavement markings on Shunk Road from 5 Mile Road to 9 Mile Road, Chippewa County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206123A	21A0176	N/A	STL 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$57,700.00	1500001	1.000	LSUM
0020	HMA Base Crushing and Shaping	3050002	56,935.000	Syd
0030	Approach, CI II	3070021	210.000	Ton
0040	Shoulder, CI II	3070121	2,110.000	Ton
0050	HMA, 4E1	5010050	5,800.000	Ton
0060	HMA Approach	5010061	136.000	Ton
0070	Saw Cut, Intermediate	6030090	200.000	Ft
0080	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	12.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	42,700.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,124.000	Ft
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	1,720.000	Ft
0150	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	748.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	748.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 019**Letting Date:** March 5, 2021**Contract ID:** 03035-128732

Description: 3.55 mi of hot mix asphalt cold milling and resurfacing, joint repairs, guardrail upgrades and pavement markings on I-196 from east of 60th Street to the CSX Railroad Crossing in the city of Holland, Allegan County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128732A	21A0337	N/A	IM 03035

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$249,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	116.000	Ft
0030	Guardrail, Rem	2040035	328.000	Ft
0040	Pavt, Rem	2040050	3,712.000	Syd
0050	Excavation, Earth	2050016	716.000	Cyd
0060	_ Embankment, CIP, Special	2057021	25.000	Cyd
0070	Erosion Control, Silt Fence	2080036	600.000	Ft
0080	Subbase, CIP	3010002	590.000	Cyd
0090	Aggregate Base, 4 inch	3020010	140.000	Syd
0100	Aggregate Base, 6 inch	3020016	1,409.000	Syd
0110	Aggregate Base, 12 inch	3020030	124.000	Syd
0120	Aggregate Base, Conditioning	3020050	3,545.000	Syd
0130	Trenching	3070200	13.000	Sta
0140	_ Shoulder, CI II, Modified	3077031	914.000	Ton
0150	Dr Marker Post	4011109	42.000	Ea
0160	Cold Milling HMA Surface	5010002	80,581.000	Syd
0170	Bump Grinding	5010004	150.000	Syd
0180	HMA Surface, Rem	5010005	2,320.000	Syd
0190	HMA Quality Initiative	5010007	37,830.000	Dlr
0200	Longitudinal Joint Density Quality Initiative	5010018	36,933.000	Dlr
0210	Hand Patching	5010025	76.000	Ton
0220	HMA, 4E3	5010051	3,454.000	Ton
0230	HMA, 4E10	5010052	7,733.000	Ton
0240	HMA, 5E3	5010057	2,482.000	Ton
0250	HMA, 5E10	5010058	4,898.000	Ton
0260	HMA Approach	5010061	272.000	Ton
0270	_ Ride Incentive	5017060	24,622.000	Dlr

0280	Joint, Expansion, E3	6020208	54.000	Ft
0290	Cement	6030005	24.000	Ton
0300	Cold Milling Conc Pavt	6030014	2,034.000	Syd
0310	Joint, Expansion, Erg	6030021	1,120.000	Ft
0320	Non-Chloride Accelerator	6030035	327.000	Gal
0330	Pavt Repr, Nonreinf Conc, 10 inch	6030048	107.000	Syd
0340	Pavt Repr, Nonreinf Conc, 13 inch	6030053	640.000	Syd
0350	Pavt Repr, Rem	6030080	747.000	Syd
0360	Saw Cut, Intermediate	6030090	112.000	Ft
0370	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	124.000	Syd
0380	Curb and Gutter, Bridge Approach	8020010	40.000	Ft
0390	Curb and Gutter, Conc, Det D2	8020031	244.000	Ft
0400	Downspout Header, Conc	8020070	2.000	Ea
0410	Spillway, Conc	8020075	8.000	Ft
0420	Guardrail Anch, Bridge, Det T4	8070025	1.000	Ea
0430	Guardrail, Reconst, Type T	8070109	308.000	Ft
0440	Delineator Reflector, Red	8100131	36.000	Ea
0450	Delineator Reflector, Yellow	8100132	23.000	Ea
0460	Delineator Reflector, Green	8100133	24.000	Ea
0470	Delineator Reflector, White	8100134	150.000	Ea
0480	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	6.000	Ea
0490	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	2.000	Ea
0500	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	12.000	Ea
0510	Delineator, Rem	8100349	200.000	Ea
0520	Post, Flexible, Delineator	8100360	14.000	Ea
0530	Post, Rigid, Delineator	8100361	197.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0570	Pavt Mrkg, Polyurea, 6 inch, White	8110094	19,675.000	Ft
0580	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	20,060.000	Ft
0590	Pavt Mrkg, Polyurea, 12 inch, White	8110111	1,800.000	Ft
0600	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0610	Recessing Pavt Mrkg, Longit	8110450	46,335.000	Ft
0620	Pavt Mrkg, Wet Retrlec Polyurea, 6 inch, White	8110501	4,800.000	Ft
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Sign, Type A, Temp, Prismatic, Furn	8120340	64.000	Sft
0650	Sign, Type A, Temp, Prismatic, Oper	8120341	64.000	Sft
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	63.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	63.000	Sft
0680	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	56.000	Sft
0690	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	56.000	Sft
0700	Riprap, Plain	8130010	8.000	Syd

0710	Slope Restoration, Type A	8160100	183.000	Syd
0720	Slope Restoration, Type B	8160101	1,775.000	Syd
0730	Slope Restoration, Type C	8160102	1,036.000	Syd
0740	Shoulder Corrugations, Ground or Cut, HMA	8220001	36,171.000	Ft
0750	Contractor Staking, Road Only	8240007	1.000	LSUM
0760	Staking Plan Errors and Extras, One Person	8240020	20.000	Hr
0770	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0780	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 020**Letting Date:** March 5, 2021**Contract ID:** 52042-128702

Description: 2.76 mi of hot mix asphalt resurfacing, joint repairs, concrete pavement, curb, gutter and sidewalk ramps, storm sewer repairs, drainage repairs, guardrail, signing and pavement markings on US-41/M-28 from Front Street to Altamont Street and from west of Grove Street to County Road 492 in the city of Marquette, Marquette County. This project includes a 5-year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128702A	21A0331	N/A	NH 52042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$857,500.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0050	Dr Structure, Rem	2030011	10.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	1,214.000	Ft
0070	Sewer, Rem, 24 inch to 48 inch	2030016	357.000	Ft
0080	Curb and Gutter, Rem	2040020	27,809.000	Ft
0090	Pavt, Rem	2040050	14,807.000	Syd
0100	Sidewalk, Rem	2040055	407.000	Syd
0110	Exploratory Investigation, Vertical	2040080	20.000	Ft
0120	Ditch Cleanout	2050006	112.000	Sta
0130	Embankment, CIP	2050010	6,534.000	Cyd
0140	Excavation, Earth	2050016	39,788.000	Cyd
0150	Excavation, Rock	2050018	200.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0170	Subgrade Undercutting, Type I	2050040	1,000.000	Cyd
0180	Subgrade Undercutting, Type II	2050041	2,100.000	Cyd
0190	_ Embankment, CIP, Special	2057021	167.000	Cyd
0200	Erosion Control, Check Dam, Stone	2080012	726.000	Ft
0210	Erosion Control, Inlet Protection, Fabric Drop	2080020	217.000	Ea
0220	Erosion Control, Inlet Protection, Sediment Trap	2080024	52.000	Ea
0230	Erosion Control, Sediment Trap	2080034	55.000	Ea
0240	Erosion Control, Silt Fence	2080036	18,370.000	Ft
0250	_ Erosion Control, Check Dam, Stone, Special	2087001	165.000	Ft

0260	Subbase, CIP	3010002	18,042.000	Cyd
0270	Aggregate Base, 6 inch	3020016	26,533.000	Syd
0280	Aggregate Base, 8 inch	3020020	6,002.000	Syd
0290	Aggregate Base, 9 inch	3020022	12,244.000	Syd
0300	Maintenance Gravel	3060020	200.000	Ton
0310	Approach, CI I, 6 inch	3070008	9,040.000	Syd
0320	Shoulder, CI II, 3 inch	3070125	8,515.000	Syd
0330	Shoulder, CI II, 3 inch, Temp	3070180	3,724.000	Syd
0340	Culv End Sect, 12 inch	4010012	4.000	Ea
0350	Culv End Sect, 15 inch	4010015	3.000	Ea
0360	Culv, CI E, 24 inch	4010542	80.000	Ft
0370	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0380	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	5.000	Ea
0390	Outfall Label	4011115	18.000	Ea
0400	_ Culv Cleanout	4017001	245.000	Ft
0410	_ Chemical Pipe Joint Grouting, Ellip Pipe, 48 inch by 76 inch	4017050	40.000	Ea
0420	Sewer, CI A, 12 inch, Tr Det B	4020033	1,668.000	Ft
0430	Sewer, CI A, 15 inch, Tr Det B	4020034	172.000	Ft
0440	Sewer, CI A, 18 inch, Tr Det B	4020035	401.000	Ft
0450	Sewer, CI A, 24 inch, Tr Det B	4020036	1,045.000	Ft
0460	Sewer, CI A, 30 inch, Tr Det B	4020037	109.000	Ft
0470	Video Taping Sewer and Culv Pipe	4021275	3,395.000	Ft
0480	_ Sewer Cleanout	4027001	445.000	Ft
0490	_ Chemical Pipe Joint Grouting, Circular Pipe, 60 inch dia	4027050	10.000	Ea
0500	_ Chemical Pipe Joint Grouting, Ellip Pipe, 43 inch by 68 inch	4027050	60.000	Ea
0510	_ Chemical Pipe Joint Grouting, Slab Culv, 48 inch by 48 inch	4027050	20.000	Ea
0520	_ Bypass Pumping, Storm Sewer	4027051	1.000	LSUM
0530	Dr Structure Cover, Adj, Case 1	4030005	132.000	Ea
0540	Dr Structure Cover, Adj, Case 2	4030006	39.000	Ea
0550	Dr Structure Cover, Type B	4030010	46.000	Ea
0560	Dr Structure Cover, Type C	4030015	103.000	Ea
0570	Dr Structure Cover, Type D	4030025	2.000	Ea
0580	Dr Structure Cover, Type G	4030040	39.000	Ea
0590	Dr Structure Cover, Type J	4030045	2.000	Ea
0600	Dr Structure Cover, Type Q	4030065	24.000	Ea
0610	Dr Structure Cover, Type W	4030080	13.000	Ea
0620	Dr Structure, 24 inch dia	4030200	15.000	Ea
0630	Dr Structure, 48 inch dia	4030210	41.000	Ea
0640	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	12.000	Ft
0650	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	52.000	Ft
0660	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	8.000	Ft

0670	Dr Structure, Cleaning	4030290	50.000	Ea
0680	Dr Structure, Tap, 12 inch	4030312	10.000	Ea
0690	Dr Structure, Tap, 24 inch	4030324	2.000	Ea
0700	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
0710	Mh, Precast Tee, CI II, 54 inch	4030554	2.000	Ea
0720	Mh, Precast Tee, CI II, 66 inch	4030566	1.000	Ea
0730	_ Dr Structure, Repair, Add Depth, Composite Pavt	4037001	80.000	Ft
0740	_ Dr Structure, Repair, Add Depth, Flexible Pavt	4037001	40.000	Ft
0750	_ Dr Structure Repair, Composite Pavt	4037050	20.000	Ea
0760	_ Dr Structure Repair, Flexible Pavt	4037050	10.000	Ea
0770	_ Dr Structure, Reconstruct	4037050	10.000	Ea
0780	_ Dr Structure, Repr	4037050	15.000	Ea
0790	Underdrain, Subbase, 6 inch	4040063	5,723.000	Ft
0800	Underdrain Outlet, 6 inch	4040093	524.000	Ft
0810	Underdrain, Outlet Ending, 6 inch	4040113	22.000	Ea
0820	Cold Milling HMA Surface	5010002	52,592.000	Syd
0830	HMA Surface, Rem	5010005	39,457.000	Syd
0840	HMA Quality Initiative	5010007	71,642.000	Dlr
0850	Longitudinal Joint Density Quality Initiative	5010018	193,400.000	Dlr
0860	Pavt Joint and Crack Repr, Det 7	5010020	8,904.000	Ft
0870	Pavt Joint and Crack Repr, Det 8	5010021	5,340.000	Ft
0880	Hand Patching	5010025	826.000	Ton
0890	HMA, 3E3	5010045	2,320.000	Ton
0900	HMA, 4E3	5010051	8,550.000	Ton
0910	HMA, 5E3	5010057	9,037.000	Ton
0920	HMA Approach	5010061	7,659.000	Ton
0930	HMA, LVSP	5010703	7,429.000	Ton
0940	_ Ride Incentive	5017060	38,593.000	Dlr
0950	Conc Base Cse, Nonreinf, 9 inch	6020021	132.000	Syd
0960	Cold Milling Conc Pavt	6030014	2,824.000	Syd
0970	_ High Performance Biaxial Geogrid	7007011	642.000	Syd
0980	Hand Chipping, Other Than Deck	7120007	54.000	Cft
0990	Patch, Forming	7120017	60.000	Sft
1000	Patching Conc, C-L	7120112	2.000	Cyd
1010	_ Managed Field Ethernet Switch, Fiber Capable	8007050	2.000	Ea
1020	_ Roadside Unit, Intersection	8007050	1.000	Ea
1030	Driveway, Reinf Conc, 8 inch	8010003	451.000	Syd
1040	Curb, Conc, Det E2	8020002	1,665.000	Ft
1050	Curb and Gutter, Conc, Det D2	8020031	20,319.000	Ft
1060	Curb and Gutter, Conc, Det F3	8020037	90.000	Ft
1070	Driveway Opening, Conc, Det M	8020050	2,124.000	Ft
1080	Shoulder Gutter, Conc, Det 2	8020056	9.000	Ea
1090	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
1100	Spillway, Conc	8020075	141.000	Ft

1110	Curb Ramp Opening, Conc	8030030	140.000	Ft
1120	Sidewalk Ramp, Conc, 4 inch	8030034	3,180.000	Sft
1130	Sidewalk, Conc, 4 inch	8030044	2,800.000	Sft
1140	Curb Sloped, HMA	8050010	50.000	Ft
1150	Guardrail, Type MGS-8	8070004	2,638.000	Ft
1160	Guardrail, Type MGS-8D	8070009	2,032.000	Ft
1170	Guardrail, Curved, Type B	8070010	25.000	Ft
1180	Guardrail Approach Terminal, Type 3B	8070038	2.000	Ea
1190	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
1200	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
1210	Guardrail Departing Terminal, Type MGS	8070052	5.000	Ea
1220	Guardrail, Salv	8070075	1,929.000	Ft
1230	Guardrail, Mult, Salv	8070076	2,094.000	Ft
1240	Guardrail Reflector	8070080	171.000	Ea
1250	Post, Mailbox	8070095	34.000	Ea
1260	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
1270	Guardrail Anch, Bridge, Det M7	8070136	5.000	Ea
1280	_ Hand Digging Guardrail Post	8077050	10.000	Ea
1290	Delineator Reflector, Red	8100131	44.000	Ea
1300	Delineator Reflector, Yellow	8100132	99.000	Ea
1310	Delineator Reflector, Green	8100133	61.000	Ea
1320	Delineator Reflector, White	8100134	100.000	Ea
1330	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	13.000	Ea
1340	Fdn, Wood Support, Rem	8100280	238.000	Ea
1350	Installing MDOT Supplied Sign, Type III	8100302	6.000	Ea
1360	Post Hole Through Conc for Wood Post	8100341	7.000	Ea
1370	Delineator, Rem	8100349	273.000	Ea
1380	Post, Flexible, Delineator	8100360	13.000	Ea
1390	Post, Rigid, Delineator	8100361	260.000	Ea
1400	Post, Steel, 3 lb	8100371	5,490.000	Ft
1410	Post, Wood, 4 inch by 6 inch	8100380	1,008.000	Ft
1420	Post, Wood, 6 inch by 8 inch	8100382	262.000	Ft
1430	Sign, Type I, Rem	8100391	1.000	Ea
1440	Sign, Type IA	8100392	120.000	Sft
1450	Sign, Type II, Erect, Salv	8100396	1.000	Ea
1460	Sign, Type II, Rem	8100397	35.000	Ea
1470	Sign, Type IIA	8100398	314.000	Sft
1480	Sign, Type IIB	8100399	69.000	Sft
1490	Sign, Type III, Erect, Salv	8100402	48.000	Ea
1500	Sign, Type III, Rem	8100403	384.000	Ea
1510	Sign, Type IIIA	8100404	1,089.000	Sft
1520	Sign, Type IIIB	8100405	1,101.000	Sft
1530	Sign, Type VB	8100425	35.000	Sft
1540	_ Delineation, Bidirectional, Guardrail, Offset Block	8107050	63.000	Ea

	Mtd			
1550	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	866.000	Ft
1560	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,468.000	Ft
1570	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,924.000	Ft
1580	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	435.000	Ft
1590	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,958.000	Ft
1600	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	564.000	Ft
1610	Pavt Mrkg, Waterborne, 6 inch, White	8110233	14,681.000	Ft
1620	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	24,865.000	Ft
1630	Pavt Mrkg, Waterborne, 12 inch, White	8110237	462.000	Ft
1640	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	15,958.000	Ft
1650	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	564.000	Ft
1660	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	14,681.000	Ft
1670	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	24,865.000	Ft
1680	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	462.000	Ft
1690	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1700	Pavt Mrkg, Polyurea, Lt Roundabout Arrow Sym	8110395	2.000	Ea
1710	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	36.000	Ea
1720	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
1730	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	18.000	Ea
1740	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
1750	Recessing Pavt Mrkg, Longit	8110450	55,700.000	Ft
1760	Barricade, Type III, High Intensity, Lighted, Furn	8120022	22.000	Ea
1770	Barricade, Type III, High Intensity, Lighted, Oper	8120023	22.000	Ea
1780	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	984.000	Ea
1790	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	984.000	Ea
1800	Culv, Temp	8120090	1.000	Ea
1810	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1820	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1830	Ltg for Night Work	8120160	1.000	LSUM
1840	Minor Traf Devices	8120170	1.000	LSUM
1850	Mobile Attenuator	8120180	1.000	Ea
1860	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	25,953.000	Ft
1870	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	77.000	Ft
1880	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	836.000	Ft
1890	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,397.000	Ft
1900	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	19,538.000	Ft
1910	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	376.000	Ft
1920	Plastic Drum, Fluorescent, Furn	8120252	231.000	Ea
1930	Plastic Drum, Fluorescent, Oper	8120253	231.000	Ea
1940	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	417.000	Ft
1950	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn	8120257	13.000	Ea

	Arrow			
1960	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	8.000	Ea
1970	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	1,325.000	Ft
1980	Sign Cover	8120310	30.000	Ea
1990	Sign Cover, Type 1	8120320	3.000	Ea
2000	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
2010	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
2020	Sign, Type A, Temp, Prismatic, Furn	8120340	99.000	Sft
2030	Sign, Type A, Temp, Prismatic, Oper	8120341	99.000	Sft
2040	Sign, Type B, Temp, Prismatic, Furn	8120350	1,956.000	Sft
2050	Sign, Type B, Temp, Prismatic, Oper	8120351	1,956.000	Sft
2060	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
2070	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
2080	Traf Regulator Control	8120370	1.000	LSUM
2090	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	55,556.000	Ft
2100	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	67,325.000	Ft
2110	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	15,549.000	Ft
2120	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	14,216.000	Ft
2130	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Yellow, Temp	8122014	77.000	Ft
2140	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	76.000	Ft
2150	_ Safety Contingency	8127060	20,000.000	Dlr
2160	Riprap, Heavy	8130005	57.000	Syd
2170	Riprap, Plain	8130010	108.000	Syd
2180	Slope Restoration, Type B	8160101	57,046.000	Syd
2190	Slope Restoration, Type C	8160102	8,723.000	Syd
2200	Slope Restoration, Type D	8160103	2,992.000	Syd
2210	Conduit, DB, 1, 1 1/2 inch	8190027	40.000	Ft
2220	Hh, Polymer Conc	8190250	4.000	Ea
2230	Wood Pole, Cl 4, 40 foot	8190473	1.000	Ea
2240	Wood Pole, Cl 4, 45 foot	8190474	1.000	Ea
2250	Wood Pole, Rem	8190505	4.000	Ea
2260	_ Conduit, DB, 1, 1 inch	8197001	40.000	Ft
2270	Case Sign, Two Way, 24 inch by 30 inch, Salv	8200008	5.000	Ea
2280	Case Sign, Rem	8200020	5.000	Ea
2290	Controller and Cabinet, Rem	8200030	2.000	Ea
2300	Case Sign, Salv	8200039	1.000	Ea
2310	Controller, Rem	8200049	2.000	Ea
2320	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	2.000	Ea
2330	Metered Serv	8200090	2.000	Ea
2340	Metered Serv, Rem	8200095	2.000	Ea

2350	Pedestal, Alum	8200100	1.000	Ea
2360	Pedestal Fdn, Rem	8200106	2.000	Ea
2370	Pushbutton and Sign	8200121	7.000	Ea
2380	Pushbutton, Rem	8200122	3.000	Ea
2390	Pushbutton Pedestal, Alum	8200123	1.000	Ea
2400	Pushbutton and Sign, Salv	8200126	2.000	Ea
2410	Serv Disconnect	8200135	2.000	Ea
2420	Span Wire	8200140	7.000	Ea
2430	Span Wire, Rem	8200141	7.000	Ea
2440	Span Wire Tether	8200142	5.000	Ea
2450	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
2460	TS, Span Wire Mtd, Rem	8200182	12.000	Ea
2470	Cabinet, NEMA Type	8200186	2.000	Ea
2480	TS, One Way Span Wire Mtd, Salv	8200191	12.000	Ea
2490	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
2500	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
2510	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
2520	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
2530	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
2540	Bracket, Truss, Salv	8200385	1.000	Ea
2550	Wireless Interchn, Closed Loop, Salv	8200389	2.000	Ea
2560	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
2570	Wireless Vehicle Sensor Node, Rem	8200426	18.000	Ea
2580	Wireless Vehicle Sensor Node, Salv	8200427	8.000	Ea
2590	Hemispherical Video Detection Camera	8200444	4.000	Ea
2600	Hemispherical Video Detection System	8200445	2.000	Ea
2610	Hemispherical Video Detection Camera, Rem	8200446	2.000	Ea
2620	Hemispherical Video Detection System, Rem	8200447	2.000	Ea
2630	Hemispherical Video Detection Camera, Salv	8200448	2.000	Ea
2640	Hemispherical Video Detection System, Salv	8200449	2.000	Ea
2650	TS Head, Temp	8200453	9.000	Ea
2660	TS Face, Bag	8200458	12.000	Ea
2670	TS Face, Bag, Rem	8200459	12.000	Ea
2680	Cellular Modem, TS, 4G	8200498	2.000	Ea
2690	Backplate, TS	8200501	12.000	Ea
2700	_ Controller, NEMA, ATC Type	8207050	4.000	Ea
2710	Monument Box	8210001	2.000	Ea
2720	Protect Corners	8210020	3.000	Ea
2730	Hydrant, Relocate, Case 1	8230095	6.000	Ea
2740	Gate Box, Adj, Case 1	8230431	8.000	Ea
2750	Gate Box, Adj, Case 2	8230432	12.000	Ea
2760	Contractor Staking, Road Only	8240007	1.000	LSUM
2770	Staking Plan Errors and Extras, One Person	8240020	64.000	Hr

2780	Staking Plan Errors and Extras, Two Person	8240021	26.000	Hr
2790	Staking Plan Errors and Extras, Three Person	8240022	39.000	Hr
2800	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
2810	Lightning Protection, Pole	8260021	2.000	Ea



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 021**Letting Date:** March 5, 2021**Contract ID:** 44031-129186

Description: Traffic signal modernization and dilemma zone technology at 3 locations, hot mix asphalt paving and pavement markings on M-53 at Dryden Road, M-47 at Tittabawassee Road, and M-13 at Beaver Road, Lapeer, Saginaw, and Bay Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129186A	21A0350	N/A	HSIP 44031
129228A	21A0351	N/A	HSIP 73073
129229A	21A0352	N/A	HSIP 09033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	35.000	Ft
0030	Guardrail, Rem	2040035	50.000	Ft
0040	Pavt, Rem	2040050	654.000	Syd
0050	Exploratory Investigation, Vertical	2040080	75.000	Ft
0060	Embankment, CIP	2050010	60.000	Cyd
0070	Excavation, Earth	2050016	274.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0090	Erosion Control, Silt Fence	2080036	450.000	Ft
0100	Aggregate Base, 6 inch	3020016	493.000	Syd
0110	Aggregate Base, 8 inch	3020020	682.000	Syd
0120	_ Shoulder, CI II, Modified	3077031	14.000	Ton
0130	HMA Surface, Rem	5010005	714.000	Syd
0140	HMA, 3E3	5010045	95.000	Ton
0150	HMA, 4E3	5010051	55.000	Ton
0160	HMA, 5E3	5010057	41.000	Ton
0170	HMA, LVSP	5010703	150.000	Ton
0180	_ Managed Field Ethernet Switch, Fiber Capable	8007050	3.000	Ea
0190	_ Roadside Unit, Intersection	8007050	3.000	Ea
0200	Guardrail, Salv	8070075	50.000	Ft
0210	Delineator Reflector, Red	8100131	4.000	Ea
0220	Delineator Reflector, White	8100134	4.000	Ea
0230	Post, Rigid, Delineator	8100361	4.000	Ea
0240	Post, Steel, 2 lb	8100370	12.000	Ft
0250	Post, Steel, 3 lb	8100371	84.000	Ft

0260	Post, Wood, 4 inch by 6 inch	8100380	44.000	Ft
0270	Sign, Type IIA	8100398	28.000	Sft
0280	Sign, Type III, Rem	8100403	7.000	Ea
0290	Sign, Type IIIA	8100404	5.000	Sft
0300	Sign, Type IIIB	8100405	8.000	Sft
0310	Sign, Type VB	8100425	32.000	Sft
0320	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0340	Pavt Mrkg, Polyurea, 4 inch, White	8110091	291.000	Ft
0350	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,739.000	Ft
0360	Pavt Mrkg, Polyurea, 6 inch, White	8110094	130.000	Ft
0370	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	207.000	Ft
0380	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	476.000	Ft
0390	Rem Spec Mrkg	8110343	1,046.000	Sft
0400	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0410	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0420	Recessing Pavt Mrkg, Longit	8110450	1,633.000	Ft
0430	Recessing Pavt Mrkg, Transv	8110451	932.000	Sft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0460	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0470	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0480	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0490	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0500	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	917.000	Ft
0540	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0550	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0560	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	1,400.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	1,400.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Forsythia x intermedia Lynwood Gold, #5 cont.	8151494	14.000	Ea
0620	Syringa vulgaris, #5 cont.	8153730	14.000	Ea
0630	Slope Restoration, Type B	8160101	300.000	Syd
0640	_ Turf Establishment, Performance	8167011	1,329.000	Syd
0650	Conduit, DB, 1, 1 1/2 inch	8190027	90.000	Ft
0660	Conduit, DB, 3, 3 inch	8190035	45.000	Ft
0670	Conduit, DB, 4, 3 inch	8190038	45.000	Ft

0680	Hh, Rem	8190254	4.000	Ea
0690	Hh, Round, 3 foot dia	8190259	3.000	Ea
0700	Hh, Round	8190260	15.000	Ea
0710	Luminaire, Rem	8190360	2.000	Ea
0720	Cable, Sec, 600V, 1, 3/C#6	8190399	750.000	Ft
0730	Wood Pole, Rem	8190505	3.000	Ea
0740	_ Conduit, DB, 1, 1 inch	8197001	150.000	Ft
0750	Anchor Guy	8200001	2.000	Ea
0760	Case Sign, Rem	8200020	4.000	Ea
0770	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	10.000	Ea
0780	Controller and Cabinet, Rem	8200030	3.000	Ea
0790	Controller Fdn, Base Mount	8200045	3.000	Ea
0800	Controller Fdn, Rem	8200046	1.000	Ea
0810	Global Positioning System Module	8200050	3.000	Ea
0820	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	3.000	Ea
0830	Pedestal Fdn, Rem	8200106	1.000	Ea
0840	Pedestal, Rem	8200110	1.000	Ea
0850	Power Co. (Est. Cost to Contractor)	8200116	6,000.000	Dlr
0860	Serv Disconnect	8200135	3.000	Ea
0870	Serv Disconnect, Rem	8200136	3.000	Ea
0880	Span Wire	8200140	12.000	Ea
0890	Span Wire, Rem	8200141	5.000	Ea
0900	Guy, Rem	8200167	1.000	Ea
0910	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0920	TS, Span Wire Mtd, Rem	8200182	9.000	Ea
0930	Riser, Rem	8200185	5.000	Ea
0940	Cabinet, NEMA Type	8200186	3.000	Ea
0950	TS, One Way Span Wire Mtd (LED)	8200313	24.000	Ea
0960	TS, One Way Span Wire Mtd, LTGA (LED)	8200316	2.000	Ea
0970	Bracket, Truss, With 18 Foot Arm	8200378	8.000	Ea
0980	Strain Pole, Steel, 6 bolt, 30 foot	8200460	11.000	Ea
0990	Strain Pole Fdn, 6 Bolt	8200470	161.000	Ft
1000	Casing	8200480	123.000	Ft
1010	Cellular Modem, TS, 4G	8200498	3.000	Ea
1020	Backplate, TS	8200501	26.000	Ea
1030	Radar Vehicle Presence Stop-Bar Detector System	8200510	3.000	Ea
1040	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	6.000	Ea
1050	Radar Vehicle Dilemma Zone Detector System	8200520	3.000	Ea
1060	Radar Vehicle Dilemma Zone Detector Sensor	8200523	8.000	Ea
1070	_ Controller, NEMA, ATC Type	8207050	3.000	Ea
1080	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1090	Lightning Protection, Pole	8260021	3.000	Ea



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 022**Letting Date:** March 5, 2021**Contract ID:** 52000-207918

Description: Bridge reconstruction with a 36' x 8' precast three-sided concrete culvert, steel piles, riprap, guardrail, approach work and pavement markings on County Road 565 over Schweitzer Creek, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207918A	21A0225	N/A	HIPL 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	770.000	Ft
0030	Embankment, CIP	2050010	220.000	Cyd
0040	Excavation, Earth	2050016	1,300.000	Cyd
0050	Subgrade Manipulation	2050035	380.000	Syd
0060	Erosion Control, Silt Fence	2080036	1,240.000	Ft
0070	Subbase, CIP	3010002	800.000	Cyd
0080	Aggregate Base, LM	3020002	140.000	Cyd
0090	Aggregate Base, 8 inch	3020020	1,690.000	Syd
0100	Shoulder, CI II, 3 inch	3070125	425.000	Syd
0110	HMA Surface, Rem	5010005	1,350.000	Syd
0120	HMA, 4E3	5010051	210.000	Ton
0130	HMA, 5E3	5010057	160.000	Ton
0140	Guardrail, Type B	8070000	400.000	Ft
0150	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0160	Guardrail Reflector	8070080	56.000	Ea
0170	_ Guardrail Anchorage-Bridge, Nested Type	8077050	4.000	Ea
0180	Post, Steel, 3 lb	8100371	28.000	Ft
0190	Sign, Type III, Rem	8100403	7.000	Ea
0200	Sign, Type IIIB	8100405	15.000	Sft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,310.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,310.000	Ft
0230	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0240	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea

0280	Sign, Type B, Temp, Prismatic, Furn	8120350	285.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	285.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	63.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	63.000	Sft
0320	Riprap, Plain	8130010	100.000	Syd
0330	Slope Restoration, Type C	8160102	1,300.000	Syd

Section: 2

0340	Structures, Rem	2040060	1.000	LSUM
0350	Excavation, Channel	2050015	10.000	Cyd
0360	Excavation, Peat	2050017	100.000	Cyd
0370	Backfill, Structure, CIP	2060002	400.000	Cyd
0380	Excavation, Fdn	2060010	800.000	Cyd
0390	Erosion Control, Filter Bag	2080014	2.000	Ea
0400	Erosion Control, Turbidity Curtain, Shallow	2080044	130.000	Ft
0410	Underdrain, Fdn, 4 inch	4040031	170.000	Ft
0420	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0430	_ Culv, Precast Three-Sided, 36 foot by 8 foot	4067001	33.000	Ft
0440	Cofferdams	7040007	1.000	LSUM
0450	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0460	Pile, Steel, Furn and Driven, 12 inch	7050030	1,306.000	Ft
0470	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0480	Pile, Steel, Splice	7050050	26.000	Ea
0490	Conc, Grade T	7060013	160.000	Cyd
0500	False Decking	7060060	800.000	Sft
0510	Reinforcement, Steel, Epoxy Coated	7060092	6,513.000	Lb
0520	Substructure Conc	7060100	90.000	Cyd
0530	_ Bridge Railing, Guardrail Type	7117001	88.000	Ft
0540	_ Riprap, Special, Class II	8137011	160.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 023**Letting Date:** March 5, 2021**Contract ID:** 13000-210338**Description:** 22.42 mi of tree and brush removal along various routes, Calhoun County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210338A	21A0261	N/A	HRRR 13000
210358A	21A0262	N/A	HRRR 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$83,000.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017012	69.530	Acre
0030	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0040	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	40.000	Ea
0060	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	40.000	Ea
0070	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	680.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	680.000	Sft
0120	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0130	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0150	Slope Restoration, Type B	8160101	12,000.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 024**Letting Date:** March 5, 2021**Contract ID:** 41000-206097

Description: Bridge rehabilitation including precast deck, steel tub girders, substructure patching, guardrail and approach work on Union Street over Nash Creek in the village of Sparta, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206097A	21A0232	N/A	BHT 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$50,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0040	Curb and Gutter, Rem	2040020	108.000	Ft
0050	Fence, Rem	2040025	140.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0070	Sidewalk, Rem	2040055	45.000	Syd
0080	Embankment, CIP	2050010	7.000	Cyd
0090	Excavation, Earth	2050016	77.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0110	Erosion Control, Silt Fence	2080036	145.000	Ft
0120	Erosion Control, Turbidity Curtain, Shallow	2080044	30.000	Ft
0130	Aggregate Base, 6 inch	3020016	50.000	Syd
0140	Aggregate Base, 8 inch	3020020	248.000	Syd
0150	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0160	HMA Surface, Rem	5010005	228.000	Syd
0170	HMA Approach	5010061	43.000	Ton
0180	Joint, Expansion, E3	6020208	73.000	Ft
0190	Conc Pavt, Bridge Approach, Reinf	6020600	135.000	Syd
0200	Curb and Gutter, Conc, Det F4	8020038	61.000	Ft
0210	Sidewalk, Conc, 4 inch	8030044	381.000	Sft
0220	_ Guardrail Anch, Bridge, Det M2, Modified	8077050	4.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0250	Pedestrian Type II Barricade, Temp	8120026	7.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	318.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	318.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	143.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	143.000	Sft
0310	_ Riprap, Angular Fieldstone, Class III	8137031	65.000	Ton
0320	_ Geocellular Confinement System	8167011	25.000	Syd
0330	_ Slope Restoration, Bonded Fiber Matrix	8167011	290.000	Syd

Section: 2

0340	Backfill, Structure, CIP	2060002	18.000	Cyd
0350	Excavation, Fdn	2060010	18.000	Cyd
0360	False Decking	7060060	2,318.000	Sft
0370	Reinforcement, Steel, Epoxy Coated	7060092	4,186.000	Lb
0380	Substructure Conc	7060100	4.000	Cyd
0390	Superstructure Conc	7060110	13.000	Cyd
0400	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0410	_ Conc, Closure Pour	7067021	3.000	Cyd
0420	Structural Steel, Mixed, Erect	7070050	300.000	Lb
0430	Structural Steel, Mixed, Furn and Fab	7070051	300.000	Lb
0440	_ Prefabricated Superstructure, Erect	7077010	1,325.000	Sft
0450	_ Prefabricated Superstructure, Furn and Fab	7077010	1,325.000	Sft
0460	Joint Waterproofing	7100001	155.000	Sft
0470	Conc Surface Coating	7100011	52.000	Syd
0480	Bridge Railing, Aesthetic Parapet Tube	7110005	69.000	Ft
0490	Hand Chipping, Other Than Deck	7120007	50.000	Cft
0500	Patch, Forming	7120017	100.000	Sft
0510	Epoxy Ovly	7120020	100.000	Syd
0520	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	64.000	Ea
0530	Structures, Rehabilitation, Rem Portions (SN 5233)	7120070	1.000	LSUM
0540	Patching Conc, C-L	7120112	2.000	Cyd
0550	Embedded Galvanic Anode	7120120	25.000	Ea
0560	_ Temporary Support Sanitary Sewer	7137051	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 025**Letting Date:** March 5, 2021**Contract ID:** 78000-210363

Description: 1.05 mi of hot mix asphalt crush, shape and resurface, centerline and edgeline corrugations and pavement markings on Constantine Road from south of Banker Street to Roys Road, St. Joseph County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210363A	21A0281	N/A	HRRR 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,100.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	100.000	Cyd
0030	Machine Grading	2050030	56.000	Sta
0040	Project Cleanup	2090001	1.000	LSUM
0050	Aggregate Base	3020001	1,000.000	Ton
0060	HMA Base Crushing and Shaping	3050002	13,829.000	Syd
0070	Shoulder, CI II	3070121	750.000	Ton
0080	Pavt for Butt Joints, Rem	5010008	133.000	Syd
0090	HMA Approach	5010061	50.000	Ton
0100	HMA, LVSP	5010703	3,100.000	Ton
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,140.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,393.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,140.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,393.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	224.000	Ft
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	206.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	206.000	Sft
0210	_ Slope Restoration, Bonded Fiber Matrix	8167011	250.000	Syd
0220	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	5,570.000	Ft
0230	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	11,140.000	Ft



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 026**Letting Date:** March 5, 2021**Contract ID:** 82000-205842

Description: 0.37 mi of hot mix asphalt resurfacing, concrete curb and gutter, signing, storm sewer, watermain and pavement markings on Beverly Road from east of Merriman Road easterly to Beverly Plaza 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
205842A	21A0275	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Permit Fees	1047060	5,000.000	Dlr
0020	Mobilization, Max \$126,800.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.200	Acre
0040	Culv, Rem, Less than 24 inch	2030001	19.000	Ea
0050	Curb and Gutter, Rem	2040020	386.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0070	_ Pavt, Rem, Modified	2047011	5,947.000	Syd
0080	_ Station Grading	2057002	20.000	Sta
0090	_ Subgrade Undercutting, Type II, Modified	2057021	200.000	Cyd
0100	_ Subgrade Undercutting, Type II, Special	2057021	200.000	Cyd
0110	_ Exploratory Excavation	2057050	8.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	33.000	Ea
0130	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0140	_ Aggregate Base, 6 inch, Modified	3027011	1,073.000	Syd
0150	_ Aggregate Base, 8 inch, Modified	3027011	6,646.000	Syd
0160	Maintenance Gravel	3060020	100.000	Ton
0170	Shoulder, CI II, 5 inch	3070127	36.000	Syd
0180	Culv End Sect, Conc, 12 inch	4010047	6.000	Ea
0190	Culv, CI A, Conc, 12 inch	4010165	44.000	Ft
0200	Sewer, CI A, 12 inch, Tr Det A	4020004	274.000	Ft
0210	Sewer, CI A, 18 inch, Tr Det A	4020006	376.000	Ft
0220	Sewer, CI A, 24 inch, Tr Det A	4020007	609.000	Ft
0230	Sewer, CI E, 12 inch, Tr Det B	4020600	419.000	Ft
0240	Sewer, CI E, 18 inch, Tr Det B	4020602	160.000	Ft
0250	Sewer, CI E, 24 inch, Tr Det B	4020603	21.000	Ft
0260	Sewer Tap, 12 inch	4021204	1.000	Ea
0270	Video Taping Sewer and Culv Pipe	4021275	2,659.000	Ft

0280	Dr Structure Cover, Type B	4030010	8.000	Ea
0290	Dr Structure Cover, Type E	4030035	13.000	Ea
0300	Dr Structure Cover, Type K	4030050	8.000	Ea
0310	Dr Structure, 24 inch dia	4030200	2.000	Ea
0320	Dr Structure, 48 inch dia	4030210	21.000	Ea
0330	Dr Structure, 60 inch dia	4030220	6.000	Ea
0340	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0350	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
0360	_ Sewer, Perforated, 30 inch	4037001	800.000	Ft
0370	_ Sanitary Sewer Cover, Adj, Case 1	4037050	1.000	Ea
0380	_ Sanitary Sewer Cover, Adj, Case 2	4037050	1.000	Ea
0390	_ Utility Structure Cover, Adj, Case 1	4037050	5.000	Ea
0400	_ Utility Structure Cover, Adj, Case 2	4037050	1.000	Ea
0410	Underdrain, Subgrade, 6 inch	4040073	3,886.000	Ft
0420	Hand Patching	5010025	299.000	Ton
0430	HMA, 3E3	5010045	1,075.000	Ton
0440	HMA, 4E3	5010051	763.000	Ton
0450	HMA, 5E3	5010057	598.000	Ton
0460	HMA Approach	5010061	44.000	Ton
0470	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	92.000	Syd
0480	Curb and Gutter, Conc, Det F2	8020036	474.000	Ft
0490	Curb and Gutter, Conc, Det F6	8020040	3,076.000	Ft
0500	Driveway Opening, Conc, Det M	8020050	752.000	Ft
0510	Post, Mailbox	8070095	17.000	Ea
0520	Post, Steel, 3 lb	8100371	42.000	Ft
0530	Sign, Type III, Rem	8100403	3.000	Ea
0540	Sign, Type IIIA	8100404	19.000	Sft
0550	Sign, Type IIIB	8100405	12.000	Sft
0560	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	500.000	Ft
0570	Pavt Mrkg, Polyurea, 6 inch, White	8110094	80.000	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, Fluorescent, Furn	8120035	32.000	Ea
0630	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	32.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0660	Plastic Drum, Fluorescent, Oper	8120253	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	8.000	Ton
0760	_ Turf Establishment, Performance, Modified	8167011	6,017.000	Syd
0770	Monument Box	8210001	1.000	Ea
0780	Monument Preservation	8210010	1.000	Ea
0790	_ Water Main, Conflict, 12 inch	8237001	150.000	Ft
0800	_ Water Main, Conflict, 6 inch	8237001	90.000	Ft
0810	_ Water Main, Conflict, 8 inch	8237001	30.000	Ft
0820	_ Fire Hydrant, Modified	8237050	1.000	Ea
0830	_ Gate Valve and Well, 6 inch	8237050	1.000	Ea
0840	_ Gate Well, Rem, Modified	8237050	1.000	Ea
0850	_ Hydrant, Rem, Modified	8237050	1.000	Ea



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 027**Letting Date:** March 5, 2021**Contract ID:** 58000-205846

Description: Bridge rehabilitation including superstructure replacement with 15 inch tall tub girder and precast composite slab and approach work on Cone Road over the north branch Macon Creek, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205846A	21A0284	N/A	STL 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.110	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	4.000	Ea
0050	Guardrail, Rem	2040035	200.000	Ft
0060	Pavt, Rem	2040050	300.000	Syd
0070	Embankment, CIP	2050010	70.000	Cyd
0080	Excavation, Earth	2050016	1,000.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0100	Erosion Control, Silt Fence	2080036	666.000	Ft
0110	Subbase, CIP	3010002	575.000	Cyd
0120	Aggregate Base	3020001	102.000	Ton
0130	Aggregate Base, 8 inch	3020020	1,300.000	Syd
0140	Shoulder, CI II, 4 inch	3070126	425.000	Syd
0150	Sewer, CI A, 10 inch, Tr Det B	4020032	20.000	Ft
0160	Cold Milling HMA Surface	5010002	460.000	Syd
0170	HMA Surface, Rem	5010005	300.000	Syd
0180	HMA, 13A	5010033	180.000	Ton
0190	Curb and Gutter, Bridge Approach	8020010	125.000	Ft
0200	Guardrail, Type B	8070000	38.000	Ft
0210	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0220	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0230	Guardrail Reflector	8070080	20.000	Ea
0240	Guardrail Anch, Bridge, Det M3	8070132	4.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	750.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	750.000	Ft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	476.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	476.000	Sft
0320	Ditch, Plain Cobble	8140005	20.000	Syd
0330	_ Slope Restoration, Modified	8167011	700.000	Syd

Section: 2

0340	Structures, Rem Portions	2040061	1.000	LSUM
0350	Excavation, Channel	2050015	50.000	Cyd
0360	Backfill, Structure, CIP	2060002	45.000	Cyd
0370	Excavation, Fdn	2060010	90.000	Cyd
0380	_ Turbidity Curtain, Modified	2087001	160.000	Ft
0390	Underdrain, Fdn, 4 inch	4040031	150.000	Ft
0400	Underdrain Outlet, 4 inch	4040091	32.000	Ft
0410	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0420	Steel Sheet Piling, Permanent	7040001	2,604.000	Sft
0430	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0440	Bridge Ltg, Oper and Maintain	7060002	17.000	Cyd
0450	False Decking	7060060	1,311.000	Sft
0460	Reinforcement, Steel, Epoxy Coated	7060092	7,455.000	Lb
0470	Substructure Conc	7060100	12.000	Cyd
0480	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0490	Superstructure Conc, Night Casting	7060113	17.000	Cyd
0500	_ Conc, Closure Pour	7067021	4.000	Cyd
0510	_ Prefabricated Bridge Superstructure, Erect	7077051	1.000	LSUM
0520	_ Prefabricated Bridge Superstructure, Furn and Fab	7077051	1.000	LSUM
0530	Joint Waterproofing	7100001	111.000	Sft
0540	Joint Waterproofing, Expansion	7100003	210.000	Sft
0550	_ Silane Treatment	7107010	800.000	Sft
0560	Bridge Barrier Railing, Type 7	7110012	84.000	Ft
0570	Hand Chipping, Other Than Deck	7120007	24.000	Cft
0580	Patch, Forming	7120017	72.000	Sft
0590	Epoxy Ovly	7120020	215.000	Syd
0600	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	176.000	Ea
0610	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	144.000	Ea
0620	Flushing Cracks, Water	7120098	75.000	Ft
0630	Structural Crack, Repr	7120099	75.000	Ft
0640	Patching Conc, C-L	7120112	1.000	Cyd
0650	Riprap, Heavy	8130005	100.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 028**Letting Date:** March 5, 2021**Contract ID:** 55000-208097**Description:** Bridge replacement with 28' x 10' precast three-sided culvert, guardrail and approach work on Number 29 Road over Devils Creek, Menominee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208097A	N/A	N/A	MCS 55000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$61,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Embankment, CIP	2050010	100.000	Cyd
0040	Excavation, Earth	2050016	570.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0060	Erosion Control, Filter Bag	2080014	2.000	Ea
0070	Erosion Control, Silt Fence	2080036	700.000	Ft
0080	Subbase, CIP	3010002	470.000	Cyd
0090	Aggregate Base, 8 inch	3020020	1,380.000	Syd
0100	Shoulder, CI II, 3 inch	3070125	270.000	Syd
0110	HMA, LVSP	5010703	177.000	Ton
0120	Guardrail, Type B	8070000	100.000	Ft
0130	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0140	_ Guardrail Anchorage, Bridge, Nested Type	8077050	4.000	Ea
0150	Post, Flexible, Delineator	8100360	4.000	Ea
0160	Post, Steel, 3 lb	8100371	48.000	Ft
0170	Sign, Type IIIB	8100405	72.000	Sft
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	330.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	330.000	Ft
0200	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0210	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	267.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	267.000	Sft
0250	_ Slope Restoration, Modified	8167011	500.000	Syd
Section: 2				
0260	Structures, Rem	2040060	1.000	LSUM

0270	Backfill, Structure, CIP	2060002	230.000	Cyd
0280	Excavation, Fdn	2060010	60.000	Cyd
0290	Underdrain, Fdn, 4 inch	4040031	105.000	Ft
0300	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0310	Culv, Precast Three-Sided or Arch, 28 foot by 8 foot	4060232	32.000	Ft
0320	Steel Sheet Piling, Permanent	7040001	1,248.000	Sft
0330	Cofferdams	7040007	1.000	LSUM
0340	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0350	Pile, Steel, Furn and Driven, 12 inch	7050030	238.000	Ft
0360	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0370	Conc, Grade T	7060013	100.000	Cyd
0380	Reinforcement, Steel, Epoxy Coated	7060092	3,767.000	Lb
0390	Substructure Conc	7060100	48.000	Cyd
0400	_ Bridge Railing, Guardrail Type	8077001	75.000	Ft
0410	_ Guardrail Post, Culv, Modified	8077050	10.000	Ea
0420	_ Riprap, Special, Class I	8137031	42.000	Ton



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 029**Letting Date:** March 5, 2021**Contract ID:** 55000-210786

Description: 2.70 mi of hot mix asphalt crushing, shaping and resurfacing, replace culverts, guardrail and pavement markings on County Road 551 from County Road 400 to M-69, Menominee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210786A	21A0229	N/A	STL 55000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$99,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	51.000	Ea
0030	Guardrail, Rem	2040035	300.000	Ft
0040	Aggregate Base, 3 inch	3020008	42,000.000	Syd
0050	HMA Base Crushing and Shaping	3050002	38,750.000	Syd
0060	Material, Surplus and Unsuitable, Rem, LM	3050010	25.000	Cyd
0070	Approach, CI II	3070021	380.000	Ton
0080	_ Shoulder, CI II, 3 1/2 inch, Modified	3077011	8,000.000	Syd
0090	Culv End Sect, 12 inch	4010012	98.000	Ea
0100	Culv End Sect, Metal, 18 inch	4010096	4.000	Ea
0110	Culv, CI A, CSP, 18 inch	4010201	115.000	Ft
0120	Culv, CI F, 12 inch	4010607	1,470.000	Ft
0130	HMA Approach	5010061	120.000	Ton
0140	HMA, LVSP	5010703	7,700.000	Ton
0150	Guardrail, Type MGS-8	8070004	300.000	Ft
0160	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	28,500.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,500.000	Ft
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0210	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0220	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	416.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	416.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM
0270	Monument Box	8210001	5.000	Ea

0280	Monument Preservation	8210010	5.000	Ea
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2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 030**Letting Date:** March 5, 2021**Contract ID:** 58000-210497

Description: 1.50 mi of hot mix asphalt shared use path, sidewalk and ramps and cross walk striping near Chestnut Street at Summerfield Elementary and Junior High Schools. Monroe County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210497A	21A0125	N/A	TA 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$49,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	163.000	Ft
0030	Sidewalk, Rem	2040055	1,435.000	Syd
0040	Embankment, CIP	2050010	15.000	Cyd
0050	Excavation, Earth	2050016	1,444.000	Cyd
0060	Granular Material, CI II	2050023	729.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	37.000	Ea
0080	Erosion Control, Silt Fence	2080036	282.000	Ft
0090	Culv, CI E, Conc, 12 inch	4010573	20.000	Ft
0100	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0110	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0120	_ Dr StructureCover, ADA Compliant	4037050	2.000	Ea
0130	HMA Surface, Rem	5010005	246.000	Syd
0140	Hand Patching	5010025	11.000	Ton
0150	Detectable Warning Surface	8030010	309.000	Ft
0160	Curb Ramp Opening, Conc	8030030	196.000	Ft
0170	Sidewalk Ramp, Conc, 6 inch	8030036	4,278.000	Sft
0180	Sidewalk, Conc, 4 inch	8030044	45,372.000	Sft
0190	Sidewalk, Conc, 6 inch	8030046	7,760.000	Sft
0200	Shared use Path, Aggregate	8060010	135.000	Ton
0210	Shared use Path, Grading	8060030	1,482.000	Ft
0220	Shared use Path, HMA	8060040	296.000	Ton
0230	Post, Steel, 3 lb	8100371	304.000	Ft
0240	Sign, Type I, Erect, Salv	8100390	13.000	Ea
0250	Sign, Type I, Rem	8100391	19.000	Ea
0260	Sign, Type IA	8100392	18.000	Sft
0270	Sign, Type IIIA	8100404	172.000	Sft

0280	Sign, Type IIIB	8100405	16.000	Sft
0290	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,975.000	Ft
0300	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	328.000	Ft
0310	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Plastic Drum, Fluorescent, Furn	8120252	153.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	153.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	502.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	502.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Mulch	8160025	110.000	Syd
0410	Seeding, Mixture THV	8160040	6.000	Lb
0420	Topsoil Surface, Salv, 3 inch	8160076	248.000	Syd
0430	Flsh Beacon, Solar Power, Dual	8200073	1.000	Ea
0440	Pedestal, Alum	8200100	1.000	Ea
0450	Pedestal, Fdn	8200105	1.000	Ea
0460	Sign Optical, (LED)	8200373	1.000	Ea



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 031**Letting Date:** March 5, 2021**Contract ID:** 63000-200124-2

Description: 0.63 mi of hot mix asphalt cold milling and resurfacing, water main, drainage, concrete curb, gutter and ramps, signing and pavement markings on Saginaw Street from Airport Drive to Oakwood Street in the village of Holly, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200124A	20A0605	N/A	STUL 63000
210959A	21A0251	N/A	STUL 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$162,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, 24 inch to 48 inch	2030016	77.000	Ft
0040	Curb and Gutter, Rem	2040020	1,023.000	Ft
0050	Pavt, Rem	2040050	533.000	Syd
0060	Sidewalk, Rem	2040055	493.000	Syd
0070	Excavation, Earth	2050016	113.000	Cyd
0080	_ Subgrade Undercutting, Type II, Modified	2057021	200.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0100	Subbase, CIP	3010002	54.000	Cyd
0110	_ Aggregate Base, 10 inch, Modified	3027011	3,067.000	Syd
0120	_ Aggregate Base, 5 inch, Modified	3027011	234.000	Syd
0130	_ Aggregate Base, 6 inch, Modified	3027011	156.000	Syd
0140	Maintenance Gravel	3060020	550.000	Ton
0150	Sewer, Cl A, 42 inch, Tr Det A	4020010	77.000	Ft
0160	Sewer, Cl E, 12 inch, Tr Det B	4020600	10.000	Ft
0170	Dr Structure Cover, Adj, Case 1	4030005	38.000	Ea
0180	Dr Structure Cover, Type K	4030050	1.000	Ea
0190	Dr Structure, Adj, Add Depth	4030280	40.000	Ft
0200	Dr Structure, Tap, 42 inch	4030342	2.000	Ea
0210	Drop Inlet, Type 1	4030395	1.000	Ea
0220	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0230	Cold Milling HMA Surface	5010002	13,812.000	Syd
0240	HMA Surface, Rem	5010005	3,126.000	Syd
0250	Pavt Joint and Crack Repr, Det 7	5010020	205.000	Ft
0260	Pavt Joint and Crack Repr, Det 8	5010021	225.000	Ft

0270	Hand Patching	5010025	94.000	Ton
0280	HMA, 4E1	5010050	2,155.000	Ton
0290	HMA, 5E1	5010056	1,620.000	Ton
0300	Lane Tie, Epoxy Anchored	6030030	110.000	Ea
0310	Pavt Repr, Nonreinf Conc, 8 1/2 inch	6030045	189.000	Syd
0320	_ Pavt Repr, HMA	6037011	2,975.000	Syd
0330	Driveway, Nonreinf Conc, 8 inch	8010007	17.000	Syd
0340	Curb and Gutter, Conc, Det C4	8020023	703.000	Ft
0350	Curb Ramp Opening, Conc	8030030	335.000	Ft
0360	Sidewalk Ramp, Conc, 4 inch	8030034	510.000	Sft
0370	Sidewalk Ramp, Conc, 6 inch	8030036	1,703.000	Sft
0380	Sidewalk, Conc, 4 inch	8030044	1,426.000	Sft
0390	Sidewalk, Conc, 8 inch	8030048	302.000	Sft
0400	_ Detectable Warning Surface, Modified	8037001	173.000	Ft
0410	_ Sidewalk Ramp, Conc, 8 inch	8037010	139.000	Sft
0420	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0430	Post, Steel, 3 lb	8100371	455.000	Ft
0440	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0450	Sign, Type III, Rem	8100403	54.000	Ea
0460	Sign, Type IIIA	8100404	84.000	Sft
0470	Sign, Type IIIB	8100405	101.000	Sft
0480	Pavt Mrkg, Polyurea, 4 inch, White	8110091	438.000	Ft
0490	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	9,095.000	Ft
0500	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	670.000	Ft
0510	Pavt Mrkg, Polyurea, 6 inch, White	8110094	5,693.000	Ft
0520	Pavt Mrkg, Polyurea, Bike	8110100	19.000	Ea
0530	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	19.000	Ea
0540	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	120.000	Ft
0550	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	202.000	Ft
0560	Rem Spec Mrkg	8110343	90.000	Sft
0570	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0580	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0610	Pedestrian Type II Barricade, Temp	8120026	22.000	Ea
0620	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0630	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,610.000	Ft
0660	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	105.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,700.000	Ft
0680	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	24.000	Ft

0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	944.000	Ft
0700	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0710	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	426.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	426.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	_ Turf Establishment, Performance	8167011	600.000	Syd
0760	Conduit, DB, 1, 1 1/4 inch	8190026	65.000	Ft
0770	Conduit, DB, 1, 3 inch	8190029	20.000	Ft
0780	Conduit, DB, 2, 3 inch	8190032	35.000	Ft
0790	Conduit, DB, 3, 4 inch	8190036	4.000	Ft
0800	Hh, Round	8190260	4.000	Ea
0810	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	395.000	Ft
0820	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0830	Controller and Cabinet, Rem	8200030	1.000	Ea
0840	Controller Fdn, Base Mount	8200045	1.000	Ea
0850	Pedestal, Fdn	8200105	2.000	Ea
0860	Pushbutton and Sign	8200121	2.000	Ea
0870	Serv Disconnect	8200135	1.000	Ea
0880	Span Wire, Rem	8200141	1.000	Ea
0890	Steel Pole, Rem	8200145	1.000	Ea
0900	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0910	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0920	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0930	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0940	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
0950	Strain Pole Fdn, 6 Bolt	8200470	53.000	Ft
0960	Casing	8200480	36.000	Ft
0970	Backplate, TS	8200501	8.000	Ea
0980	_ Bracket arm, 9 foot, RCOC	8207050	2.000	Ea
0990	_ Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1000	_ Cabinet, Digital Type, RCOC	8207050	1.000	Ea
1010	_ Cellular Modem, Integrate, RCOC	8207050	2.000	Ea
1020	_ Controller, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1030	_ Hh, Square, RCOC	8207050	1.000	Ea
1040	_ Pedestal, Alum, RCOC	8207050	2.000	Ea
1050	_ Pushbutton Support Post, RCOC	8207050	1.000	Ea
1060	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1070	_ Tether Wire, Box, RCOC	8207050	1.000	Ea
1080	_ Video Traf Detection Camera and Processor, RCOC	8207050	2.000	Ea
1090	Gate Box, Adj, Case 1	8230431	2.000	Ea
1100	_ 1 inch Water Service, Bored, Modified	8237001	98.000	Ft
1110	_ 1 inch Water Service, Open Cut, Modified	8237001	230.000	Ft

1120	_ 2 inch Water Service, Bored, Modified	8237001	149.000	Ft
1130	_ Water Main, 12 inch, Tr Det G, Modified	8237001	1,763.000	Ft
1140	_ Water Main, 4 inch, Tr Det G, Modified	8237001	5.000	Ft
1150	_ Water Main, 6 inch, Tr Det G, Modified	8237001	14.000	Ft
1160	_ Water Main, 8 inch, Tr Det F, Modified	8237001	55.000	Ft
1170	_ Water Main, 8 inch, Tr Det G, Modified	8237001	323.000	Ft
1180	_ 1 inch Corporation and Tap, Modified	8237050	12.000	Ea
1190	_ 1 inch Curb Stop and Box, Modified	8237050	12.000	Ea
1200	_ 2 inch Corporation and Tap, Modified	8237050	2.000	Ea
1210	_ 2 inch Curb Stop and Box, Modified	8237050	2.000	Ea
1220	_ Connection To Existing Water Main, Modified	8237050	7.000	Ea
1230	_ Fire Hydrant, Modified	8237050	6.000	Ea
1240	_ Gate Valve and Box, 12 inch, Modified	8237050	9.000	Ea
1250	_ Gate Valve and Box, 8 inch, Modified	8237050	5.000	Ea
1260	_ Hydrant, Rem, Modified	8237050	4.000	Ea
1270	_ Abandon Water Main, Modified	8237051	1.000	LSUM
1280	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM



2/5/2021 12:15 PM

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Schedule of Pay Items

Report v1

Letting Call: 210305 032**Letting Date:** March 5, 2021**Contract ID:** 63000-206951

Description: 1.41 mi of concrete pavement repairs, curb, gutter, sidewalk and ramps, pedestrian signals, signing and pavement markings on Walton Boulevard from the west city limits of Pontiac to Baldwin Road in the city of Pontiac, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206951A	21A0280	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$336,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,884.000	Ft
0030	Pavt, Rem	2040050	3,236.000	Syd
0040	Sidewalk, Rem	2040055	8,047.000	Syd
0050	Exploratory Investigation, Vertical	2040080	100.000	Ft
0060	Embankment, CIP	2050010	155.000	Cyd
0070	Excavation, Earth	2050016	155.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	83.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0100	Aggregate Base	3020001	120.000	Ton
0110	Aggregate Base, 4 inch	3020010	840.000	Syd
0120	Aggregate Base, Conditioning	3020050	6,100.000	Syd
0130	Maintenance Gravel	3060020	200.000	Ton
0140	_ DPW Structure Cover, Adj, Add Depth, Special	4027001	15.000	Ft
0150	Dr Structure Cover, Adj, Case 1	4030005	27.000	Ea
0160	Dr Structure Cover, Type B	4030010	22.000	Ea
0170	Dr Structure Cover, Type K	4030050	5.000	Ea
0180	Dr Structure, Adj, Add Depth	4030280	30.000	Ft
0190	_ DPW Structure Cover, Adj, Case 1, Special	4037050	34.000	Ea
0200	_ DPW Structure Cover, Adj, Case 2, Special	4037050	4.000	Ea
0210	_ Sanitary Structure Cover, Special	4037050	26.000	Ea
0220	_ Water Structure Cover, Special	4037050	12.000	Ea
0230	Pavt, Cleaning	5010001	1.000	LSUM
0240	Joint, Contraction, Cp	6020200	12,000.000	Ft
0250	Joint, Expansion, E3	6020208	220.000	Ft
0260	Pavt Gapping	6020215	300.000	Ft
0270	Cement	6030005	30.000	Ton

0280	Joint, Contraction, Crg	6030020	8,050.000	Ft
0290	Lane Tie, Epoxy Anchored	6030030	7,700.000	Ea
0300	_ Pavt Repr, Nonreinf Conc, 9 inch, Modified	6037011	24,380.000	Syd
0310	_ Pavt Repr, Rem, Modified	6037011	24,380.000	Syd
0320	_ Pedestrian Path, Temp	8007001	150.000	Ft
0330	_ Pedestrian Ramp, Temp	8007050	10.000	Ea
0340	Driveway, Nonreinf Conc, 6 inch	8010005	166.000	Syd
0350	Driveway, Nonreinf Conc, 8 inch	8010007	332.000	Syd
0360	Curb and Gutter, Conc, Det F3	8020037	1,224.000	Ft
0370	Driveway Opening, Conc, Det M	8020050	258.000	Ft
0380	Detectable Warning Surface	8030010	184.000	Ft
0390	Curb Ramp Opening, Conc	8030030	402.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	3,031.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	27,298.000	Sft
0420	Sidewalk, Conc, 6 inch	8030046	1,264.000	Sft
0430	_ Sidewalk, Conc, 8 inch	8037010	8,266.000	Sft
0440	Band, Sign	8100010	6.000	Ea
0450	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0460	Post, Steel, 3 lb	8100371	550.000	Ft
0470	Sign, Type IIA	8100398	56.000	Sft
0480	Sign, Type IIB	8100399	47.000	Sft
0490	Sign, Type III, Rem	8100403	63.000	Ea
0500	Sign, Type IIIA	8100404	152.000	Sft
0510	Sign, Type IIIB	8100405	58.000	Sft
0520	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,100.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	210.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	11.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0570	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	5,710.000	Ft
0580	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	15,475.000	Ft
0590	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	21,185.000	Ft
0600	Rem Curing Compound, for Spec Mrkg	8110321	1,162.000	Sft
0610	Rem Spec Mrkg	8110343	4,206.000	Sft
0620	Recessing Pavt Mrkg, Longit	8110450	5,675.000	Ft
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	45.000	Ea
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	45.000	Ea
0650	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0660	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0670	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0680	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0690	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0700	Minor Traf Devices	8120170	1.000	LSUM

0710	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,163.000	Ft
0720	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	900.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	420.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,160.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	14,000.000	Ft
0760	Plastic Drum, Fluorescent, Furn	8120252	319.000	Ea
0770	Plastic Drum, Fluorescent, Oper	8120253	319.000	Ea
0780	Sign Cover	8120310	10.000	Ea
0790	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0800	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0810	Sign, Type B, Temp, Prismatic, Furn	8120350	1,324.000	Sft
0820	Sign, Type B, Temp, Prismatic, Oper	8120351	1,324.000	Sft
0830	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
0840	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
0850	Traf Regulator Control	8120370	1.000	LSUM
0860	_ Turf Establishment, THM Seed, Special Mulch, Performance, Special	8167011	900.000	Syd
0870	Cable Pole, TS, Dismant	8190010	2.000	Ea
0880	Conduit, DB, 1, 1 1/4 inch	8190026	155.000	Ft
0890	Conduit, DB, 1, 3 inch	8190029	50.000	Ft
0900	Conduit, DB, 2, 3 inch	8190032	10.000	Ft
0910	Conduit, DB, 3, 4 inch	8190036	10.000	Ft
0920	Hh, Polymer Conc	8190250	4.000	Ea
0930	Hh, Rem	8190254	1.000	Ea
0940	Hh, Round	8190260	1.000	Ea
0950	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0960	_ Cable, Equipment Grounding Wire, 1/C#8, Modified	8197001	1,000.000	Ft
0970	_ Conduit Schedule 40, 2 inch, Modified	8197001	1,000.000	Ft
0980	_ DB Cable, in Conduit, 600V, 1/C#2, Modified	8197001	1,000.000	Ft
0990	_ Hh, Square, RCOC	8197050	1.000	Ea
1000	Case Sign, Rem	8200020	2.000	Ea
1010	Controller and Cabinet, Rem	8200030	1.000	Ea
1020	Controller Fdn, Base Mount	8200045	1.000	Ea
1030	Controller Fdn, Rem	8200046	1.000	Ea
1040	Pushbutton and Sign	8200121	8.000	Ea
1050	Pushbutton, Rem	8200122	8.000	Ea
1060	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1070	TS, Span Wire Mtd, Rem	8200182	3.000	Ea
1080	TS, One Way Span Wire Mtd, Salv	8200191	1.000	Ea
1090	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
1100	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1110	TS Head, Temp	8200453	6.000	Ea
1120	TS Face, Bag	8200458	14.000	Ea

1130	TS Face, Bag, Rem	8200459	14.000	Ea
1140	_ Backplate, TS, RCOC	8207050	13.000	Ea
1150	_ Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1160	_ Cabinet, Digital Type, RCOC	8207050	1.000	Ea
1170	_ Controller, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1180	_ Pushbutton Support Post, RCOC	8207050	7.000	Ea
1190	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1200	_ Street Name Sign Bracket Arm, 10 foot, RCOC	8207050	2.000	Ea
1210	_ Street Name Sign, Two Way, 8 foot, RCOC	8207050	2.000	Ea
1220	_ Tether Wire, Box, RCOC	8207050	1.000	Ea
1230	_ Traffic Loop, Presence (Preformed), RCOC	8207050	17.000	Ea
1240	_ Support Post, Rem, RCOC	8507050	3.000	Ea
1250	_ Reimbursed Permit Fees	8507060	13,450.000	Dlr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 033**Letting Date:** March 5, 2021**Contract ID:** 41000-206871

Description: 2.00 mi of hot mix asphalt cold milling and resurfacing, subbase, aggregate base, drainage, guardrail and pavement markings on 100th Street SE from Kalamazoo Avenue to 1 mile east and 100th Street SE east of Kalamazoo Avenue to Hanna Lake Avenue, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206871A	21A0216	N/A	STL 41000
206873A	21A0217	N/A	STPR 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$259,700.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	14.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	156.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	23.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0070	Dr Structure, Rem	2030011	4.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	1,254.000	Ft
0090	_ Storm Sewer, Abandon	2037001	50.000	Ft
0100	Curb and Gutter, Rem	2040020	200.000	Ft
0110	Guardrail, Rem	2040035	245.000	Ft
0120	Pavt, Rem	2040050	141.000	Syd
0130	Exploratory Investigation, Vertical	2040080	20.000	Ft
0140	_ Relocate Gate Bollards	2047051	1.000	LSUM
0150	_ Relocate Sign, "Maple Syrup"	2047051	1.000	LSUM
0160	_ Relocate Sign, "Watkins Products"	2047051	1.000	LSUM
0170	Embankment, CIP	2050010	3,660.000	Cyd
0180	Excavation, Earth	2050016	42,947.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0200	Subgrade Undercutting, Type III	2050042	2,000.000	Cyd
0210	Erosion Control, Check Dam, Stone	2080012	500.000	Ft
0220	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	6.000	Ea
0230	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0240	Erosion Control, Silt Fence	2080036	7,932.000	Ft
0250	_ Project Cleanup, Modified	2097051	1.000	LSUM
0260	Subbase, CIP	3010002	33,838.000	Cyd

0270	_ Aggregate Base, Modified	3027021	10,287.000	Cyd
0280	Culv End Sect, 12 inch	4010012	6.000	Ea
0290	Culv End Sect, Conc, 12 inch	4010047	44.000	Ea
0300	Culv End Sect, Conc, 15 inch	4010048	7.000	Ea
0310	Culv End Sect, Conc, 18 inch	4010049	4.000	Ea
0320	Culv End Sect, Conc, 36 inch	4010053	4.000	Ea
0330	Culv, CI A, Conc, 12 inch	4010165	634.000	Ft
0340	Culv, CI A, Conc, 15 inch	4010166	94.000	Ft
0350	Culv, CI A, Conc, 18 inch	4010167	117.000	Ft
0360	Culv, CI A, Conc, 36 inch	4010170	142.000	Ft
0370	Sewer, CI A, 6 inch, Tr Det A	4020001	5.000	Ft
0380	Sewer, CI A, 8 inch, Tr Det A	4020002	19.000	Ft
0390	Sewer, CI E, 12 inch, Tr Det B	4020600	1,096.000	Ft
0400	Sewer, CI E, 15 inch, Tr Det B	4020601	189.000	Ft
0410	Sewer, CI E, 18 inch, Tr Det B	4020602	66.000	Ft
0420	Video Taping Sewer and Culv Pipe	4021275	1,790.000	Ft
0430	_ Sewer, CI A, Perforated SLCPP w/Sock, 12 inch, Tr Det B, Modified	4027001	549.000	Ft
0440	Dr Structure Cover, Type B	4030010	3.000	Ea
0450	Dr Structure Cover, Type G	4030040	4.000	Ea
0460	Dr Structure Cover, Type J	4030045	2.000	Ea
0470	Dr Structure, 48 inch dia	4030210	9.000	Ea
0480	_ Underdrain, Subbase, 6 inch, Modified	4047001	4,100.000	Ft
0490	HMA Surface, Rem	5010005	32,243.000	Syd
0500	HMA, 3C	5010031	7,187.000	Ton
0510	HMA, 5E3	5010057	3,668.000	Ton
0520	HMA Approach	5010061	262.000	Ton
0530	_ HMA Spillway	5017001	275.000	Ft
0540	Driveway, Nonreinf Conc, 6 inch	8010005	104.000	Syd
0550	Curb and Gutter, Conc, Det B2	8020016	260.000	Ft
0560	Guardrail, Type B	8070000	263.000	Ft
0570	Guardrail, Curved, Type B	8070010	29.000	Ft
0580	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0590	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0600	Guardrail Reflector	8070080	14.000	Ea
0610	Post, Mailbox	8070095	35.000	Ea
0620	Fence, Moving	8080120	85.000	Ft
0630	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	21,500.000	Ft
0640	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	12,000.000	Ft
0650	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0660	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0670	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	220.000	Ea
0680	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	220.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0700	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
0730	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0740	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0750	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0760	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0770	Sign, Type B, Temp, Prismatic, Furn	8120350	265.000	Sft
0780	Sign, Type B, Temp, Prismatic, Oper	8120351	265.000	Sft
0790	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	10.000	Sft
0800	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	10.000	Sft
0810	Traf Regulator Control	8120370	1.000	LSUM
0820	Mulch Blanket, High Velocity	8160028	31,810.000	Syd
0830	Topsoil Surface, Salv, 4 inch	8160077	31,810.000	Syd
0840	_ Roadside Seeding	8167011	31,810.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 034**Letting Date:** March 5, 2021**Contract ID:** 25084-132026

Description: 2.19 mi of road reconstruction, storm sewer and freeway lighting replacement, rehabilitation of 6 structures and preventive maintenance of 12 structures and pavement markings on I-69 from Fenton Road easterly to M-54 (Dort Highway) in the city of Flint, Genesee County. A mandatory pre-bid meeting will be held at 1:00 p.m. on Tuesday, February 9, 2021, via a Virtual Microsoft Teams Meeting. This project is an Alternate Pavement Bid project. Alternate 1 (Section 2) is an HMA Alternate and includes a 5 year materials and workmanship pavement warranty. Alternate 2 (Section 3) is a Concrete Alternate and includes a 5 year materials and workmanship pavement warranty. This project also includes a 5 year performance warranty, a 2 year bridge coating warranty, and a 2 year warranty on concrete surface coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132026A	N/A	N/A	RBMP 25084
201632A	N/A	N/A	RBMP 25132
204861A	N/A	N/A	RBMP 25132

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Lane Rental Incentive	1020002	150,000.000	Dlr
0020	Dispute Review Board, Hearing	1040010	48,500.000	Dlr
0030	Dispute Review Board, Progress Meeting	1040050	21,000.000	Dlr
0040	Critical Path Method Schedule	1080005	15,000.000	Dlr
0050	Mobilization, Max \$7,224,000.00	1500001	1.000	LSUM
0060	Clearing	2010001	1.000	Acre
0070	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0080	Tree, Rem, 6 inch to 18 inch	2020004	25.000	Ea
0090	Stump, Rem, 19 inch to 36 inch	2020006	14.000	Ea
0100	Stump, Rem, 6 inch to 18 inch	2020008	132.000	Ea
0110	Dr Structure, Rem	2030011	494.000	Ea
0120	Sewer, Rem, Less than 24 inch	2030015	28,913.000	Ft
0130	Sewer, Rem, 24 inch to 48 inch	2030016	4,065.000	Ft
0140	Conc Barrier, Rem	2040010	12,162.000	Ft
0150	Curb and Gutter, Rem	2040020	36,226.000	Ft
0160	Fence, Rem	2040025	23,952.000	Ft
0170	Glare Screen, Rem	2040030	805.000	Ft
0180	Guardrail, Rem	2040035	24,870.000	Ft
0190	Gutter, Rem	2040040	2,000.000	Ft
0200	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0210	Pavt, Rem	2040050	156,223.000	Syd

0220	Sidewalk, Rem	2040055	2,688.000	Syd
0230	Exploratory Investigation, Vertical	2040080	250.000	Ft
0240	_ Pavt, Rem, Special	2047011	3,899.000	Syd
0250	Excavation, Earth	2050016	10,050.000	Cyd
0260	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0270	Subgrade Undercutting, Type II	2050041	5,000.000	Cyd
0280	_ Mine Cap Exploration	2057050	2.000	Ea
0290	_ Rem of Mine Cap	2057050	2.000	Ea
0300	Erosion Control, Check Dam, Stone	2080012	388.000	Ft
0310	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0320	Erosion Control, Gravel Filter Berm	2080018	100.000	Ft
0330	Erosion Control, Inlet Protection, Fabric Drop	2080020	697.000	Ea
0340	Erosion Control, Inlet Protection, Sediment Trap	2080024	120.000	Ea
0350	Erosion Control, Maintenance, Sediment Removal	2080026	130.000	Cyd
0360	Erosion Control, Sand Bag	2080028	500.000	Ea
0370	Erosion Control, Sediment Trap	2080034	65.000	Ea
0380	Erosion Control, Silt Fence	2080036	11,701.000	Ft
0390	_ Permeable Runoff Structure	2087001	500.000	Ft
0400	Project Cleanup	2090001	1.000	LSUM
0410	Subbase, CIP	3010002	4,240.000	Cyd
0420	Aggregate Base, LM	3020002	2,800.000	Cyd
0430	Aggregate Base, 4 inch	3020010	891.000	Syd
0440	Aggregate Base, 6 inch	3020016	28,970.000	Syd
0450	_ Driveway Maintenance, Commercial	3067050	5.000	Ea
0460	_ Intersection Maintenance	3067050	32.000	Ea
0470	Approach, CI II, 6 inch	3070028	78.000	Syd
0480	Shoulder, CI II, 6 inch	3070128	150.000	Syd
0490	Geotextile, Separator	3080005	3,044.000	Syd
0500	Geotextile, Stabilization	3080010	600.000	Syd
0510	Culv End Sect, 12 inch	4010012	4.000	Ea
0520	Culv End Sect, 18 inch	4010018	1.000	Ea
0530	Culv End Sect, 24 inch	4010024	9.000	Ea
0540	Culv End Sect, 30 inch	4010030	1.000	Ea
0550	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0560	Culv End Sect, Metal, 18 inch	4010096	1.000	Ea
0570	Culv End Sect, Metal, 24 inch	4010098	6.000	Ea
0580	Culv, CI A, 24 inch	4010134	120.000	Ft
0590	Culv, Downspout, 12 inch	4010795	1,161.000	Ft
0600	Culv, Downspout, 18 inch	4010797	149.000	Ft
0610	Culv, Downspout, 24 inch	4010798	223.000	Ft
0620	Dr Marker Post	4011109	58.000	Ea
0630	Steel Casing Pipe, 30 inch, Jacked in Place	4011147	155.000	Ft
0640	Sewer, CI A, 24 inch, Tr Det A	4020007	207.000	Ft
0650	Sewer, CI A, 36 inch, Tr Det A	4020009	546.000	Ft

0660	Sewer, Cl A, 12 inch, Tr Det B	4020033	25,008.000	Ft
0670	Sewer, Cl A, 15 inch, Tr Det B	4020034	65.000	Ft
0680	Sewer, Cl A, 18 inch, Tr Det B	4020035	4,744.000	Ft
0690	Sewer, Cl A, 24 inch, Tr Det B	4020036	4,256.000	Ft
0700	Sewer, Cl A, 30 inch, Tr Det B	4020037	73.000	Ft
0710	Sewer, Cl B, 24 inch, Tr Det A	4020156	76.000	Ft
0720	Sewer, Cl B, 48 inch, Tr Det A	4020160	228.000	Ft
0730	Sewer, Cl B, 24 inch, Tr Det B	4020186	654.000	Ft
0740	Sewer, Cl B, 30 inch, Tr Det B	4020187	652.000	Ft
0750	Sewer, Cl B, 36 inch, Tr Det B	4020188	16.000	Ft
0760	Sewer, Cl C, 30 inch, Tr Det B	4020337	192.000	Ft
0770	Sewer, Cl E, 12 inch, Tr Det B	4020600	514.000	Ft
0780	Sewer Tap, 12 inch	4021204	97.000	Ea
0790	Sewer Tap, 15 inch	4021205	9.000	Ea
0800	Sewer Tap, 18 inch	4021206	8.000	Ea
0810	Sewer Tap, 24 inch	4021207	13.000	Ea
0820	Sewer Tap, 30 inch	4021208	4.000	Ea
0830	Sewer Tap, 36 inch	4021209	1.000	Ea
0840	Sewer Tap, 42 inch	4021210	2.000	Ea
0850	Sewer Tap, 48 inch	4021211	3.000	Ea
0860	Sewer Tap, 66 inch	4021214	2.000	Ea
0870	Sewer Bulkhead, 15 inch	4021231	105.000	Ea
0880	Sewer Bulkhead, 18 inch	4021232	8.000	Ea
0890	Sewer Bulkhead, 21 inch	4021233	7.000	Ea
0900	Sewer Bulkhead, 24 inch	4021234	8.000	Ea
0910	Sewer Bulkhead, 30 inch	4021236	6.000	Ea
0920	Sewer Bulkhead, 42 inch	4021238	4.000	Ea
0930	Sewer Bulkhead, 48 inch	4021239	6.000	Ea
0940	Trench Undercut and Backfill	4021260	250.000	Cyd
0950	Video Taping Sewer and Culv Pipe	4021275	36,744.000	Ft
0960	_ Slotted Drain, Galv, 12 inch	4027001	339.000	Ft
0970	_ Video Inspection of Underdrain	4027001	108,155.000	Ft
0980	Dr Structure Cover, Adj, Case 1	4030005	100.000	Ea
0990	Dr Structure Cover, Adj, Case 2	4030006	18.000	Ea
1000	Dr Structure Cover, Type B	4030010	124.000	Ea
1010	Dr Structure Cover, Type CX	4030020	159.000	Ea
1020	Dr Structure Cover, Type DX	4030030	7.000	Ea
1030	Dr Structure Cover, Type E	4030035	9.000	Ea
1040	Dr Structure Cover, Type K	4030050	67.000	Ea
1050	Dr Structure Cover, Type Q	4030065	25.000	Ea
1060	Dr Structure Cover, Type RX	4030075	215.000	Ea
1070	Dr Structure Cover, Type VG	4030090	178.000	Ea
1080	Dr Structure, 24 inch dia	4030200	139.000	Ea
1090	Dr Structure, 48 inch dia	4030210	501.000	Ea
1100	Dr Structure, 60 inch dia	4030220	55.000	Ea

1110	Dr Structure, 72 inch dia	4030230	15.000	Ea
1120	Dr Structure, 96 inch dia	4030234	2.000	Ea
1130	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	11.000	Ft
1140	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	379.000	Ft
1150	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	25.000	Ft
1160	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	113.000	Ft
1170	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	22.000	Ft
1180	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	55.000	Ft
1190	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	6.000	Ft
1200	Dr Structure, Adj, Add Depth	4030280	25.000	Ft
1210	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
1220	Dr Structure, Tap, 48 inch	4030348	1.000	Ea
1230	Mh Riser	4030505	10.000	Ft
1240	Mh, Precast Tee, CI II, 66 inch	4030566	1.000	Ea
1250	_ Dr Structure Cover, Type Dx, Modified	4037050	8.000	Ea
1260	_ Structure Cover Weigh Down, Temp	4037050	64.000	Ea
1270	Underdrain, Bank, 6 inch	4040003	1,000.000	Ft
1280	Underdrain, Fdn, 4 inch	4040031	3,934.000	Ft
1290	Underdrain, Subbase, 6 inch	4040063	2,680.000	Ft
1300	Underdrain, Subgrade, 6 inch	4040073	5,000.000	Ft
1310	Underdrain Outlet, 6 inch	4040093	6,278.000	Ft
1320	_ Underdrain Outlet, 6 inch, Modified	4047001	500.000	Ft
1330	_ Underdrain, Rem	4047001	51,963.000	Ft
1340	_ Underdrain Outlet Ending, Modified	4047050	50.000	Ea
1350	Pavt, Cleaning	5010001	1.000	LSUM
1360	HMA Surface, Rem	5010005	110,148.000	Syd
1370	Hand Patching	5010025	665.000	Ton
1380	HMA, Temp Pavt (3E3)	5010804	2,469.000	Ton
1390	HMA, Temp Pavt (4E3)	5010805	1,647.000	Ton
1400	HMA, Temp Pavt (5E3)	5010806	1,581.000	Ton
1410	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	10,000.000	Ft
1420	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	2,000.000	Ft
1430	_ HMA Approach (3")	5017011	182.000	Syd
1440	_ HMA Approach (7.25")	5017011	2,053.000	Syd
1450	_ Pavt Repr, Special	5017060	50,000.000	Dlr
1460	_ Ride Incentive	5017060	67,000.000	Dlr
1470	Joint, Expansion, E3	6020208	3,031.000	Ft
1480	Shoulder, Nonreinf Conc	6020222	1,412.000	Syd
1490	Cement	6030005	10.000	Ton
1500	Non-Chloride Accelerator	6030035	130.000	Gal

1510	Steel Sheet Piling, Permanent	7040001	2,448.000	Sft
1520	Steel Sheet Piling, Temp	7040002	2,100.000	Sft
1530	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	8,339.000	Syd
1540	Conc, Grade S2	7060011	229.000	Cyd
1550	Reinforcement, Steel	7060090	56,000.000	Lb
1560	Reinforcement, Steel, Culv and Headwall	7060091	1,134.000	Lb
1570	_ Retaining Wall, Temp, Left in Place	7067010	6,800.000	Sft
1580	Reflective Marker, Permanent Barrier	7110003	695.000	Ea
1590	Driveway, Nonreinf Conc, 6 inch	8010005	130.000	Syd
1600	Curb and Gutter, Bridge Approach	8020010	1,466.000	Ft
1610	Curb and Gutter, Conc, Det F1	8020035	215.000	Ft
1620	Curb and Gutter, Conc, Det F3	8020037	695.000	Ft
1630	Curb and Gutter, Conc, Det F4	8020038	108.000	Ft
1640	Driveway Opening, Conc, Det M	8020050	131.000	Ft
1650	Valley Gutter, Conc	8020060	29,089.000	Ft
1660	_ Valley Gutter, Conc, Modified	8027001	730.000	Ft
1670	Detectable Warning Surface	8030010	86.000	Ft
1680	Curb Ramp Opening, Conc	8030030	568.000	Ft
1690	Sidewalk Ramp, Conc, 6 inch	8030036	5,597.000	Sft
1700	Sidewalk, Conc, 4 inch	8030044	19,217.000	Sft
1710	Sidewalk, Conc, 6 inch	8030046	1,960.000	Sft
1720	_ Detectable Warning Surface, Cast Iron	8037001	444.000	Ft
1730	Conc Barrier, Single Face, Type A	8040001	3,387.000	Ft
1740	Conc Barrier, Double Face, Type A	8040005	805.000	Ft
1750	Glare Screen, Conc	8040015	14,811.000	Ft
1760	Glare Screen, Conc, Split	8040016	764.000	Ft
1770	Light Std Fdn, Conc Barrier	8040020	5.000	Ea
1780	Conc Barrier Backfill, CIP	8040030	600.000	Cyd
1790	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	10,365.000	Ft
1800	_ Conc Barrier, Split, Type A, Special, 0-2 Feet	8047001	764.000	Ft
1810	_ Light Std Fdn, Conc Barrier, Modified, 0-2 Foot	8047050	51.000	Ea
1820	Guardrail, Type T	8070002	1,475.000	Ft
1830	Guardrail, Type MGS-8	8070004	18,172.000	Ft
1840	Guardrail, Type MGS-8D	8070009	895.000	Ft
1850	Guardrail, Curved, Type B	8070010	50.000	Ft
1860	Guardrail Approach Terminal, Type 2T	8070043	1.000	Ea
1870	Guardrail Approach Terminal, Type 2M	8070044	25.000	Ea
1880	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
1890	Guardrail Departing Terminal, Type MGS	8070052	23.000	Ea
1900	Guardrail Reflector	8070080	669.000	Ea
1910	Guardrail Anch, Bridge, Det M1	8070130	31.000	Ea
1920	Guardrail Anch, Bridge, Det M4	8070133	12.000	Ea
1930	Guardrail Anch, Bridge, Det M7	8070136	3.000	Ea
1940	_ Impact Attenuator, TL-3, Furn and Install, Type 3	8077050	1.000	Ea

1950	Fence, Woven Wire with Steel Post	8080002	23,952.000	Ft
1960	Fence, Protective	8080007	1,000.000	Ft
1970	_ Ornamental Fence, Place	8087001	1,024.000	Ft
1980	_ Ornamental Fence, Salvage	8087001	512.000	Ft
1990	Band, Sign	8100010	14.000	Ea
2000	Bridge Sign Connection, Conc, Type A1	8100031	41.000	Ea
2010	Bridge Sign Connection, Steel, Type C	8100062	2.000	Ea
2020	Bridge Sign Connection, Steel, Type D	8100063	2.000	Ea
2030	Bridge Sign Connection, Steel, Type E	8100064	1.000	Ea
2040	Bridge Sign Connection, Steel, Type F	8100065	5.000	Ea
2050	Bridge Sign Connection, Steel, Type G	8100066	1.000	Ea
2060	Bridge Sign Connection, Steel, Type H	8100067	2.000	Ea
2070	Bridge Sign Connection, Steel, Type I	8100068	1.000	Ea
2080	Bridge Sign Connection, Type A, Rem	8100080	41.000	Ea
2090	Bridge Sign Connection, Type C, Rem	8100082	7.000	Ea
2100	Bridge Sign Connection, Type D, Rem	8100083	5.000	Ea
2110	Bridge Sign Connection, Type E, Rem	8100084	2.000	Ea
2120	Cantilever, Rem	8100090	3.000	Ea
2130	Cantilever, Type E	8100104	3.000	Ea
2140	Delineator Reflector, Red	8100131	144.000	Ea
2150	Delineator Reflector, Yellow	8100132	68.000	Ea
2160	Delineator Reflector, Green	8100133	76.000	Ea
2170	Delineator Reflector, White	8100134	346.000	Ea
2180	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	49.000	Ea
2190	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	76.000	Ea
2200	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	79.000	Ft
2210	Fdn, Cantilever, Rem	8100190	3.000	Ea
2220	Fdn, Entire, Truss, Rem	8100240	45.000	Cyd
2230	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	307.000	Ft
2240	Fdn, Truss, Rem	8100260	5.000	Ea
2250	Fdn, Wood Support, Rem	8100280	63.000	Ea
2260	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	5.000	Ea
2270	Perforated Steel Square Tube Breakaway System	8100330	6.000	Ea
2280	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	6.000	Ea
2290	Post Hole Through Conc for Steel Post	8100340	10.000	Ea
2300	Post, Flexible, Delineator	8100360	76.000	Ea
2310	Post, Rigid, Delineator	8100361	442.000	Ea
2320	Post, Steel, 3 lb	8100371	3,648.000	Ft
2330	Post, Wood, 4 inch by 6 inch	8100380	734.000	Ft
2340	Post, Wood, 6 inch by 8 inch	8100382	228.000	Ft
2350	Sign, Type I, Erect, Salv	8100390	18.000	Ea
2360	Sign, Type I, Rem	8100391	40.000	Ea

2370	Sign, Type IA	8100392	3,274.000	Sft
2380	Sign, Type IB	8100393	438.000	Sft
2390	Sign, Type II, Erect, Salv	8100396	34.000	Ea
2400	Sign, Type II, Rem	8100397	95.000	Ea
2410	Sign, Type IIA	8100398	293.000	Sft
2420	Sign, Type IIB	8100399	557.000	Sft
2430	Sign, Type III, Erect, Salv	8100402	98.000	Ea
2440	Sign, Type III, Rem	8100403	214.000	Ea
2450	Sign, Type IIIA	8100404	198.000	Sft
2460	Sign, Type IIIB	8100405	328.000	Sft
2470	Transporting Salv MDOT Materials	8100420	1.000	LSUM
2480	Sign, Type V, Rem	8100421	13.000	Ea
2490	Sign, Type V, Erect, Salv	8100422	10.000	Ea
2500	Sign, Type VA	8100424	54.000	Sft
2510	Sign, Type VB	8100425	240.000	Sft
2520	Truss, Rem	8100440	4.000	Ea
2530	Truss, Type E, 70 foot	8100488	1.000	Ea
2540	Truss, Type E, 85 foot	8100491	1.000	Ea
2550	Truss, Type E, 90 foot	8100492	1.000	Ea
2560	Truss, Type E, 100 foot	8100494	1.000	Ea
2570	Reflective Panel for Permanent Sign Support, 3 foot	8100613	20.000	Ea
2580	Reflective Panel for Permanent Sign Support, 6 foot	8100616	50.000	Ea
2590	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	40.000	Ft
2600	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	18.000	Ea
2610	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	4.000	Ea
2620	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
2630	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	6.000	Ea
2640	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
2650	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,940.000	Ft
2660	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	3.000	Ea
2670	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	42.000	Ft
2680	Pavt Mrkg, Polyurea, 12 inch, White	8110111	420.000	Ft
2690	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	880.000	Ft
2700	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,920.000	Ft
2710	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	13,500.000	Ft
2720	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	880.000	Ft
2730	Rem Curing Compound, for Spec Mrkg	8110321	304.000	Sft
2740	Recessing Pavt Mrkg, Longit	8110450	169,790.000	Ft
2750	Recessing Pavt Mrkg, Transv	8110451	3,817.000	Sft
2760	Pavt Mrkg, Wet Retrflc Polyurea, 4 inch, White	8110500	3,000.000	Ft
2770	Pavt Mrkg, Wet Retrflc Polyurea, 6 inch, White	8110501	97,210.000	Ft
2780	Pavt Mrkg, Wet Retrflc Polyurea, 12 inch, White	8110503	25,550.000	Ft
2790	Pavt Mrkg, Wet Retrflc Polyurea, 4 inch, Yellow	8110504	2,620.000	Ft

2800	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	62,720.000	Ft
2810	_Enhanced Delineation, Bidirectional, Conc Barrier, Top Mount	8117001	21,384.000	Ft
2820	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
2830	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
2840	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
2850	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
2860	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
2870	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	12.000	Ea
2880	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	17.000	Ea
2890	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	17.000	Ea
2900	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	28.000	Ea
2910	Conc Barrier Reflector Replacement	8120070	400.000	Ea
2920	Conc Barrier, Temp, Adj	8120080	21,100.000	Ft
2930	Conc Barrier, Temp, Furn	8120081	19,700.000	Ft
2940	Conc Barrier, Temp, Oper	8120082	19,700.000	Ft
2950	Conc Barrier, Temp, Relocated	8120083	42,300.000	Ft
2960	Glare Screen, Temp	8120094	15,650.000	Ft
2970	Glare Screen, Temp, Relocated	8120095	15,650.000	Ft
2980	Glare Screen, Temp, Complete Section, Replaced	8120096	100.000	Ea
2990	High Intensity Light, Type B, Furn	8120110	30.000	Ea
3000	High Intensity Light, Type B, Oper	8120111	30.000	Ea
3010	Lighted Arrow, Type C, Furn	8120140	20.000	Ea
3020	Lighted Arrow, Type C, Oper	8120141	20.000	Ea
3030	Ltg for Night Work	8120160	1.000	LSUM
3040	Minor Traf Devices	8120170	1.000	LSUM
3050	Mobile Attenuator	8120180	2.000	Ea
3060	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	94,130.000	Ft
3070	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	17,130.000	Ft
3080	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	2,000.000	Ft
3090	Plastic Drum, Fluorescent, Furn	8120252	870.000	Ea
3100	Plastic Drum, Fluorescent, Oper	8120253	870.000	Ea
3110	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	573.000	Ea
3120	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	330.000	Ea
3130	Sign Cover	8120310	150.000	Ea
3140	Sign Cover, Type 1	8120320	30.000	Ea
3150	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	14.000	Ea
3160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	14.000	Ea
3170	Sign, Type A, Temp, Prismatic, Furn	8120340	2,214.000	Sft
3180	Sign, Type A, Temp, Prismatic, Oper	8120341	2,214.000	Sft
3190	Sign, Type B, Temp, Prismatic, Furn	8120350	4,110.000	Sft

3200	Sign, Type B, Temp, Prismatic, Oper	8120351	4,110.000	Sft
3210	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	5,493.000	Sft
3220	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	5,493.000	Sft
3230	Traf Regulator Control	8120370	1.000	LSUM
3240	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	193,000.000	Ft
3250	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	175,000.000	Ft
3260	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	7,900.000	Ft
3270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	8,700.000	Ft
3280	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	2,636.000	Ft
3290	Temp Rumble Strips (Orange)	8122030	3,888.000	Ft
3300	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	8.000	Ea
3310	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	8.000	Ea
3320	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	30.000	Ea
3330	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	30.000	Ea
3340	_ Heavy Duty Wrecker	8127050	1.000	Ea
3350	_ Light Duty Wrecker	8127050	1.000	Ea
3360	_ Medium Duty Wrecker	8127050	1.000	Ea
3370	_ Reflective Panel for Temp Sign Support, Furn	8127050	60.000	Ea
3380	_ Reflective Panel for Temp Sign Support, Oper	8127050	60.000	Ea
3390	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
3400	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
3410	_ Dynamic Stopped Traffic Advisory System - Speed Based Detection	8127051	1.000	LSUM
3420	Riprap, Heavy, LM	8130007	455.000	Cyd
3430	Riprap, Plain	8130010	385.000	Syd
3440	Site Preparation, Max \$19,534.00	8150001	1.000	LSUM
3450	Watering and Cultivating, First Season, Min \$9,488.00	8150002	1.000	LSUM
3460	Watering and Cultivating, Second Season, Min \$11,721.00	8150003	1.000	LSUM
3470	Acer campestre, tree form, 2 inch	8150048	9.000	Ea
3480	Celtis occidentalis, 2 inch	8150780	12.000	Ea
3490	Maackia amurensis, 2 inch	8152269	7.000	Ea
3500	Picea abies, 5 foot	8152741	15.000	Ea
3510	Picea omorika, 4 foot	8152786	18.000	Ea
3520	Pinus heldreichii, 5 foot	8152815	19.000	Ea
3530	Quercus bicolor, 2 inch	8153044	10.000	Ea
3540	Quercus imbricaria, 2 inch	8153072	10.000	Ea
3550	_ Acer x freemanii 'Celzam', 2 inch	8157050	9.000	Ea
3560	_ Acer x freemanii 'Jeffersred', 2 inch	8157050	7.000	Ea
3570	_ Aesculus x carnea 'Briotii', 2 inch	8157050	8.000	Ea
3580	_ Betula nigra 'Cully', clump form, 6 foot	8157050	12.000	Ea

3590	_ Gymnocladus dioicus 'Espresso', 2 inch	8157050	9.000	Ea
3600	_ Malus 'Donald Wyman', 2 inch	8157050	8.000	Ea
3610	_ Malus 'Prairiefire', 2 inch	8157050	9.000	Ea
3620	_ Pinus flexilis, 4 foot	8157050	16.000	Ea
3630	_ Syringa reticulata 'Ivory Silk', 2 inch	8157050	10.000	Ea
3640	_ Tilia cordata 'Greenspire', 2 inch	8157050	10.000	Ea
3650	_ Ulmus americana 'Valley Forge', 2 inch	8157050	8.000	Ea
3660	_ Zelkova serrata 'Green Vase', 2 inch	8157050	8.000	Ea
3670	_ Block Wall, Salv, Reinstall	8157051	1.000	LSUM
3680	Seeding, Mixture CR	8160035	100.000	Lb
3690	Seeding, Mixture TSM	8160041	150.000	Lb
3700	_ Compacted Soil Restoration, Type A	8167011	15,000.000	Syd
3710	_ Compacted Soil Restoration, Type B	8167011	10,000.000	Syd
3720	_ Compacted Soil Restoration, Type C	8167011	5,000.000	Syd
3730	_ Turf Establishment, Performance	8167011	216,049.000	Syd
3740	Cable, Rem	8190016	15,330.000	Ft
3750	Conduit, DB, 1, 1 1/2 inch	8190027	15.000	Ft
3760	Conduit, Rem	8190140	23,180.000	Ft
3770	Conduit, Schedule 80 PVC, 3 inch	8190159	35,335.000	Ft
3780	DB Cable, in Conduit, 600V, 1/C#1/0	8190200	900.000	Ft
3790	DB Cable, in Conduit, 600V, 1/C#2	8190201	13,880.000	Ft
3800	DB Cable, in Conduit, 600V, 1/C#3/0	8190204	1,980.000	Ft
3810	DB Cable, in Conduit, 600V, 1/C#4	8190207	44,370.000	Ft
3820	DB Cable, in Conduit, 600V, 1/C#6	8190211	50,690.000	Ft
3830	DB Cable, in Conduit, 600V, 1/C#8	8190212	1,200.000	Ft
3840	DB Cable, in Conduit, Rem	8190220	25,715.000	Ft
3850	Cable, Equipment Grounding Wire, 1/C#1/0	8190230	200.000	Ft
3860	Cable, Equipment Grounding Wire, 1/C#2	8190232	4,475.000	Ft
3870	Cable, Equipment Grounding Wire, 1/C#4	8190234	13,620.000	Ft
3880	Cable, Equipment Grounding Wire, 1/C#6	8190236	16,755.000	Ft
3890	Cable, Equipment Grounding Wire, 1/C#8	8190237	145.000	Ft
3900	Hh, Adj	8190244	3.000	Ea
3910	Hh, Heavy Duty Cover	8190246	133.000	Ea
3920	Hh, Rem	8190254	127.000	Ea
3930	Light Std Arm, 12 foot	8190268	86.000	Ea
3940	Light Std Arm, Install Salv	8190276	26.000	Ea
3950	Light Std Arm, Rem	8190277	194.000	Ea
3960	Light Std Arm, Rem and Salv	8190278	18.000	Ea
3970	Light Std Fdn	8190279	104.000	Ea
3980	Light Std Fdn, Rem	8190280	158.000	Ea
3990	Light Std, Frangible Transformer Base	8190281	70.000	Ea
4000	Light Std, Frangible Transformer Base, Rem	8190282	68.000	Ea
4010	Light Std Shaft, 30 foot or less	8190285	116.000	Ea
4020	Light Std Shaft, 41 foot to 50 foot	8190287	47.000	Ea
4030	Light Std Shaft, Install Salv	8190301	33.000	Ea

4040	Light Std Shaft, Rem	8190305	161.000	Ea
4050	Light Std Shaft, Rem and Salv	8190306	45.000	Ea
4060	Luminaire, Install Salv	8190350	33.000	Ea
4070	Luminaire, Rem	8190360	265.000	Ea
4080	Luminaire, Rem and Salv	8190365	45.000	Ea
4090	Tower Ltg Unit, 100 foot 8 Luminaire	8190447	4.000	Ea
4100	Tower Ltg Unit, Fdn Cased	8190450	100.000	Ft
4110	Wood Pole, Cl 4, 40 foot	8190473	36.000	Ea
4120	Wood Pole, Cl 4, 50 foot	8190475	51.000	Ea
4130	Wood Pole, Fit Up, Mult Ltg Cable Pole	8190491	2.000	Ea
4140	Wood Pole, Rem	8190505	87.000	Ea
4150	_ Cable, P.J., 600V, 1, 7/C#16	8197001	1,680.000	Ft
4160	_ Overhead, #(___) Alum Triplex with #(___) ACSR Neutral	8197001	14,300.000	Ft
4170	_ Overhead, Rem	8197001	14,300.000	Ft
4180	_ Hh, Round, Elec	8197050	20.000	Ea
4190	_ Light Std Frangible Transformer Base, Install Salv	8197050	6.000	Ea
4200	_ Light Std Frangible Transformer Base, Rem and Salv	8197050	3.000	Ea
4210	_ Lighting Control Panel, Ground Mtd	8197050	1.000	Ea
4220	_ Luminaire, Mainline	8197050	47.000	Ea
4230	_ Luminaire, Ramp	8197050	90.000	Ea
4240	_ Luminaire, Temp	8197050	51.000	Ea
4250	_ Luminaire, Underbridge	8197050	16.000	Ea
4260	_ Underbridge Wiring System	8197050	1.000	Ea
4270	Case Sign Panel	8200003	2.000	Ea
4280	Case Sign Panel, Rem	8200004	5.000	Ea
4290	Case Sign Panel, Salv	8200005	3.000	Ea
4300	Case Sign, Rem	8200020	8.000	Ea
4310	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	8.000	Ea
4320	Pedestal, Alum	8200100	1.000	Ea
4330	Pedestal, Fdn	8200105	1.000	Ea
4340	Pedestal Fdn, Rem	8200106	1.000	Ea
4350	Pedestal, Rem	8200110	1.000	Ea
4360	Span Wire	8200140	8.000	Ea
4370	Span Wire, Rem	8200141	8.000	Ea
4380	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
4390	TS, Span Wire Mtd, Rem	8200182	17.000	Ea
4400	TS, 4th Level, LTGA	8200215	2.000	Ea
4410	TS, One Way Span Wire Mtd (LED)	8200313	5.000	Ea
4420	TS, Two Way Span Wire Mtd (LED)	8200322	10.000	Ea
4430	TS, Three Way Span Wire Mtd (LED)	8200325	6.000	Ea
4440	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
4450	TS Head, Adj	8200452	9.000	Ea
4460	TS Face, Bag	8200458	186.000	Ea

4470	TS Face, Bag, Rem	8200459	186.000	Ea
4480	Monument Box	8210001	25.000	Ea
4490	Monument Preservation	8210010	25.000	Ea
4500	Protect Corners	8210020	25.000	Ea
4510	Fire Hydrant	8230040	3.000	Ea
4520	Gate Valve and Box, 6 inch	8230051	3.000	Ea
4530	Gate Valve and Box, 8 inch	8230052	6.000	Ea
4540	Gate Valve and Box, 12 inch	8230054	1.000	Ea
4550	Water Main, 4 inch, Cut and Plug	8230130	2.000	Ea
4560	Water Main, 6 inch, Cut and Plug	8230131	4.000	Ea
4570	Water Main, 16 inch, Cut and Plug	8230135	2.000	Ea
4580	Water Main, DI, 6 inch, Tr Det G	8230151	20.000	Ft
4590	Water Main, DI, 8 inch, Tr Det G	8230156	1,500.000	Ft
4600	Water Main, DI, 12 inch, Tr Det G	8230166	20.000	Ft
4610	Water Main, DI, 16 inch, Tr Det G	8230171	45.000	Ft
4620	Water Serv, Long	8230245	7.000	Ea
4630	Polyethylene Encasement	8230440	1,500.000	Ft
4640	_ Water Main, DI, 16 inch, in Casing	8237001	155.000	Ft
4650	Tracer Wire	8260070	31,985.000	Ft
4660	Flowable Fill, Non-Structural	8260148	622.000	Cyd
4670	_ Obstruction Rem, Unexpected	8507060	50,000.000	Dlr

Section: 2

4680	Embankment, CIP	2050010	29,820.000	Cyd
4690	Excavation, Earth	2050016	355,697.000	Cyd
4700	_ Earthwork Material Handling and Disposal, LM	2057021	365,747.000	Cyd
4710	Subbase, CIP	3010002	167,882.000	Cyd
4720	Aggregate Base, 6 inch	3020016	284,634.000	Syd
4730	Underdrain, Subbase, 6 inch	4040063	101,397.000	Ft
4740	HMA Quality Initiative	5010007	217,000.000	Dlr
4750	_ HMA 3E10 (3.5")	5017011	40,942.000	Syd
4760	_ HMA 3E3 (3.25")	5017011	22,071.000	Syd
4770	_ HMA 4E10 (2")	5017011	40,942.000	Syd
4780	_ HMA 4E3 (2")	5017011	22,071.000	Syd
4790	_ HMA 5E10 (2")	5017011	40,942.000	Syd
4800	_ HMA 5E3 (2")	5017011	22,071.000	Syd
4810	_ HMA Approach (7.25")	5017011	8,776.000	Syd
4820	_ HMA Approach (7.5")	5017011	5,796.000	Syd
4830	_ HMA Approach (8.5")	5017011	7,236.000	Syd
4840	_ HMA, 2E3 (4")	5017011	21,370.000	Syd
4850	_ HMA, 2E30 (4")	5017011	127,097.000	Syd
4860	_ HMA, 3E3 (3")	5017011	21,370.000	Syd
4870	_ HMA, 3E30 (3")	5017011	127,097.000	Syd
4880	_ HMA, 5E3 (1.5")	5017011	21,370.000	Syd
4890	_ HMA, 5E30 (1.5")	5017011	127,097.000	Syd

4900	Curb, Conc, Det G1	8020005	31,770.000	Ft
4910	Curb and Gutter, Conc, Det D2	8020031	24,366.000	Ft
4920	Curb and Gutter, Conc, Det F4	8020038	4,218.000	Ft
4930	_ Curb and Gutter, Conc, Det D2, Modified	8027001	1,187.000	Ft
4940	Conc Barrier Backfill, CIP	8040030	3,868.000	Cyd
4950	_ Hh, Heavy Duty Cover, Modified	8197050	51.000	Ea
4960	Shoulder Corrugations, Ground or Cut, HMA	8220001	82,500.000	Ft

Section: 3

4970	Embankment, CIP	2050010	28,669.000	Cyd
4980	Excavation, Earth	2050016	293,842.000	Cyd
4990	_ Earthwork Material Handling and Disposal, LM	2057021	303,892.000	Cyd
5000	Subbase, CIP	3010002	81,997.000	Cyd
5010	Open-Graded Dr Cse, 6 inch	3030006	284,634.000	Syd
5020	Geotextile, Separator	3080005	294,893.000	Syd
5030	Underdrain, Pipe, Open-Graded, 6 inch	4040043	101,397.000	Ft
5040	Bump Grinding	5010004	2,500.000	Syd
5050	Joint, Contraction, Cp	6020200	109,275.000	Ft
5060	Joint, Contraction, C3p	6020201	43,335.000	Ft
5070	Joint, Expansion, E2	6020207	3,857.000	Ft
5080	Joint, Expansion, E4	6020209	2,041.000	Ft
5090	Joint, Contraction Cp, Intersection	6020250	400.000	Ft
5100	Joint, Expansion E2, Intersection	6020270	760.000	Ft
5110	Conc Quality Initiative	6020401	546,000.000	Dlr
5120	Conc Pavt, Nonreinf, 8 inch, High Performance	6020500	15,759.000	Syd
5130	Conc Pavt, Nonreinf, 9 inch, High Performance	6020502	26,803.000	Syd
5140	Conc Pavt, Nonreinf, 10 1/2 inch, High Performance	6020505	108,188.000	Syd
5150	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	8,776.000	Syd
5160	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	5,796.000	Syd
5170	Conc Pavt, Misc, Nonreinf, 10 1/2 inch, High Performance	6020517	7,236.000	Syd
5180	Shoulder, Nonreinf Conc, High Performance	6020524	60,735.000	Syd
5190	_ Joint, Contraction, C3p, Intersection	6027001	25.000	Ft
5200	Curb, Conc, Det G1	8020005	31,770.000	Ft
5210	Curb and Gutter, Conc, Det D1	8020030	24,366.000	Ft
5220	Curb and Gutter, Conc, Det F3	8020037	4,218.000	Ft
5230	_ Curb and Gutter, Conc, Det D1, Modified	8027001	1,187.000	Ft
5240	Conc Barrier Backfill, CIP	8040030	3,409.000	Cyd
5250	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	230.000	Ft
5260	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Shadow Tape, Black	8110388	230.000	Ft
5270	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	9,040.000	Ft
5280	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Shadow Tape, Black	8110390	1,450.000	Ft
5290	Recessing Pavt Mrkg, Longit	8110450	10,470.000	Ft

5300	Hh, Heavy Duty Cover	8190246	51.000	Ea
5310	Shoulder Corrugations, Ground or Cut, Conc	8220000	82,500.000	Ft

Section: 4

5320	_ Railroad Inspection and Flagging	1027060	80,000.000	Dlr
5330	_ Railroad Protection - CN/GTW	1027060	5,000.000	Dlr
5340	Structures, Rem Portions (C01 of 25084)	2040061	1.000	LSUM
5350	Backfill, Structure, CIP	2060002	6,555.000	Cyd
5360	Excavation, Fdn	2060010	3,007.000	Cyd
5370	_ Culv Cleanout	4017001	838.000	Ft
5380	_ Culvert Joint and Crack Sealing (C01 of 25084)	4017051	1.000	LSUM
5390	Underdrain Outlet, 4 inch	4040091	15.000	Ft
5400	Underdrain, Outlet Ending, 4 inch	4040111	1.000	Ea
5410	_ Bypass Pumping (C01 of 25084)	4067051	1.000	LSUM
5420	_ Joint, Self-Expanding	6027001	855.000	Ft
5430	Bridge Ltg, Furn and Rem (R01 of 25084)	7060001	1.000	LSUM
5440	Bridge Ltg, Furn and Rem (R01 of 25085)	7060001	1.000	LSUM
5450	Bridge Ltg, Furn and Rem (S10-3 of 25132)	7060001	1.000	LSUM
5460	Bridge Ltg, Furn and Rem (S10-4 of 25132)	7060001	1.000	LSUM
5470	Bridge Ltg, Furn and Rem (S11 of 25132)	7060001	1.000	LSUM
5480	Bridge Ltg, Furn and Rem (S12 of 25132)	7060001	1.000	LSUM
5490	Bridge Ltg, Furn and Rem (S13 of 25132)	7060001	1.000	LSUM
5500	Bridge Ltg, Furn and Rem (S14 of 25132)	7060001	1.000	LSUM
5510	Bridge Ltg, Oper and Maintain	7060002	2,646.000	Cyd
5520	Conduit, 3 inch	7060030	1,619.000	Ft
5530	Elec Grounding System	7060040	6.000	Ea
5540	Expansion Joint Device	7060050	2,761.000	Ft
5550	Expansion Joint Device, Cover Plate	7060051	107.000	Ft
5560	False Decking	7060060	293,990.000	Sft
5570	Reinforcement, Steel, Epoxy Coated	7060092	91,919.000	Lb
5580	Substructure Conc	7060100	39.000	Cyd
5590	Substructure Conc, High Performance	7060101	262.000	Cyd
5600	Superstructure Conc, Form, Finish, and Cure (S10-3 of 25132)	7060111	1.000	LSUM
5610	Superstructure Conc, Form, Finish, and Cure (S10-4 of 25132)	7060111	1.000	LSUM
5620	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01 of 25084)	7060112	1.000	LSUM
5630	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01 of 25085)	7060112	1.000	LSUM
5640	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10-3 of 25132)	7060112	1.000	LSUM
5650	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10-4 of 25132)	7060112	1.000	LSUM
5660	Superstructure Conc, Form, Finish, and Cure, Night Casting (S11 of 25132)	7060112	1.000	LSUM
5670	Superstructure Conc, Form, Finish, and Cure, Night Casting (S12 of 25132)	7060112	1.000	LSUM

5680	Superstructure Conc, Form, Finish, and Cure, Night Casting (S13 of 25132)	7060112	1.000	LSUM
5690	Superstructure Conc, Form, Finish, and Cure, Night Casting (S14 of 25132)	7060112	1.000	LSUM
5700	Superstructure Conc, High Performance	7060116	332.000	Cyd
5710	Superstructure Conc, Night Casting, High Performance	7060117	2,646.000	Cyd
5720	_ False Decking, Spec	7067010	7,810.000	Sft
5730	_ Conc, Grade DM	7067021	745.000	Cyd
5740	_ Reinforcement, Steel, Low Carbon Chromium	7067030	850,584.000	Lb
5750	Bearing, Elastomeric, 4 inch	7070024	9,360.000	Sin
5760	Bushing	7070030	82.000	Ea
5770	Shear Developers (R01 of 25084)	7070040	1.000	LSUM
5780	Shear Developers (R01 of 25085)	7070040	1.000	LSUM
5790	Shear Developers (S10-3 of 25132)	7070040	1.000	LSUM
5800	Shear Developers (S10-4 of 25132)	7070040	1.000	LSUM
5810	Shear Developers (S11 of 25132)	7070040	1.000	LSUM
5820	Shear Developers (S12 of 25132)	7070040	1.000	LSUM
5830	Shear Developers (S13 of 25132)	7070040	1.000	LSUM
5840	Shear Developers (S14 of 25132)	7070040	1.000	LSUM
5850	Structural Steel, Mixed, Erect	7070050	45,290.000	Lb
5860	Structural Steel, Mixed, Furn and Fab	7070051	45,290.000	Lb
5870	Structural Steel, Plate, Erect	7070060	560,664.000	Lb
5880	Structural Steel, Plate, Furn and Fab	7070061	560,664.000	Lb
5890	_ Metal Mesh Panels, Modified	7077010	18,342.000	Sft
5900	_ Metal Mesh Panels, Rem and Re-Erect (S10-5 of 25132)	7077051	1.000	LSUM
5910	_ Metal Mesh Panels, Rem and Re-Erect (S10-6 of 25132)	7077051	1.000	LSUM
5920	_ Metal Mesh Panels, Rem and Re-Erect (S10-7 of 25132)	7077051	1.000	LSUM
5930	_ Structural Steel, Rem and Re-Erect (R01 of 25085)	7077051	1.000	LSUM
5940	_ Structural Steel, Rem and Re-Erect (S10-3 of 25132)	7077051	1.000	LSUM
5950	_ Structural Steel, Rem and Re-Erect (S10-4 of 25132)	7077051	1.000	LSUM
5960	_ Structural Steel, Rem, Retrofit and Erect (R01 of 25084)	7077051	1.000	LSUM
5970	Joint Waterproofing	7100001	3,300.000	Sft
5980	Conc Surface Coating, Warranty (R01 of 25084)	7100009	1.000	LSUM
5990	Conc Surface Coating, Warranty (R01 of 25085)	7100009	1.000	LSUM
6000	Conc Surface Coating, Warranty (S01 of 25084)	7100009	1.000	LSUM
6010	Conc Surface Coating, Warranty (S02 of 25085)	7100009	1.000	LSUM
6020	Conc Surface Coating, Warranty (S03 of 25085)	7100009	1.000	LSUM
6030	Conc Surface Coating, Warranty (S04 of 25085)	7100009	1.000	LSUM
6040	Conc Surface Coating, Warranty (S05 of 25085)	7100009	1.000	LSUM
6050	Conc Surface Coating, Warranty (S10-3 of 25132)	7100009	1.000	LSUM
6060	Conc Surface Coating, Warranty (S10-4 of 25132)	7100009	1.000	LSUM

6070	Conc Surface Coating, Warranty (S10-5 of 25132)	7100009	1.000	LSUM
6080	Conc Surface Coating, Warranty (S10-6 of 25132)	7100009	1.000	LSUM
6090	Conc Surface Coating, Warranty (S10-7 of 25132)	7100009	1.000	LSUM
6100	Conc Surface Coating, Warranty (S11 of 25132)	7100009	1.000	LSUM
6110	Conc Surface Coating, Warranty (S12 of 25132)	7100009	1.000	LSUM
6120	Conc Surface Coating, Warranty (S13 of 25132)	7100009	1.000	LSUM
6130	Conc Surface Coating, Warranty (S14 of 25132)	7100009	1.000	LSUM
6140	Substructure Horizontal Surface Sealer	7100030	111.000	Syd
6150	Bridge Barrier Railing, Type 6	7110011	2,074.000	Ft
6160	Bridge Barrier Railing, Type 6, High Performance	7110017	2,074.000	Ft
6170	Bridge Railing, Aesthetic, Type 6, Det 2, High Performance	7110056	3,361.000	Ft
6180	Hand Chipping, Deep	7120004	798.000	Syd
6190	Hand Chipping, Other Than Deck	7120007	1,455.000	Cft
6200	Patch, Forming	7120017	3,663.000	Sft
6210	Epoxy Ovly, Rem	7120021	5,740.000	Syd
6220	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	20.000	Ea
6230	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	6.000	Ea
6240	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	563.000	Ea
6250	Structures, Rehabilitation, Rem Portions (R01 of 25084)	7120070	1.000	LSUM
6260	Structures, Rehabilitation, Rem Portions (R01 of 25085)	7120070	1.000	LSUM
6270	Structures, Rehabilitation, Rem Portions (S01 of 25084)	7120070	1.000	LSUM
6280	Structures, Rehabilitation, Rem Portions (S02 of 25085)	7120070	1.000	LSUM
6290	Structures, Rehabilitation, Rem Portions (S03 of 25085)	7120070	1.000	LSUM
6300	Structures, Rehabilitation, Rem Portions (S04 of 25085)	7120070	1.000	LSUM
6310	Structures, Rehabilitation, Rem Portions (S05 of 25085)	7120070	1.000	LSUM
6320	Structures, Rehabilitation, Rem Portions (S10-3 of 25132)	7120070	1.000	LSUM
6330	Structures, Rehabilitation, Rem Portions (S10-4 of 25132)	7120070	1.000	LSUM
6340	Structures, Rehabilitation, Rem Portions (S10-5 of 25132)	7120070	1.000	LSUM
6350	Structures, Rehabilitation, Rem Portions (S10-6 of 25132)	7120070	1.000	LSUM
6360	Structures, Rehabilitation, Rem Portions (S10-7 of 25132)	7120070	1.000	LSUM
6370	Structures, Rehabilitation, Rem Portions (S11 of 25132)	7120070	1.000	LSUM
6380	Structures, Rehabilitation, Rem Portions (S12 of 25132)	7120070	1.000	LSUM
6390	Structures, Rehabilitation, Rem Portions (S13 of 25132)	7120070	1.000	LSUM
6400	Structures, Rehabilitation, Rem Portions (S14 of 25132)	7120070	1.000	LSUM
6410	Deck Joint, Rem	7120071	2,252.000	Ft

6420	Top Flanges and Beam Ends, Clean and Coat	7120100	1,731.000	Syd
6430	Patching Conc, C-L	7120112	61.000	Cyd
6440	Embedded Galvanic Anode	7120120	6,620.000	Ea
6450	_ High Friction Epoxy Ovly, Warranty	7127011	32,404.000	Syd
6460	_ Hand Chipping, Full Depth	7127020	7,241.000	Cft
6470	_ Adhesive Anchoring of Vertical Bar, 1 1/2 inch	7127050	2.000	Ea
6480	_ Bridge Cleaning (R01 of 25084)	7127051	1.000	LSUM
6490	_ Bridge Cleaning (R01 of 25085)	7127051	1.000	LSUM
6500	_ Bridge Cleaning (S01 of 25084)	7127051	1.000	LSUM
6510	_ Bridge Cleaning (S02 of 25085)	7127051	1.000	LSUM
6520	_ Bridge Cleaning (S03 of 25085)	7127051	1.000	LSUM
6530	_ Bridge Cleaning (S04 of 25085)	7127051	1.000	LSUM
6540	_ Bridge Cleaning (S05 of 25085)	7127051	1.000	LSUM
6550	_ Bridge Cleaning (S10-3 of 25132)	7127051	1.000	LSUM
6560	_ Bridge Cleaning (S10-4 of 25132)	7127051	1.000	LSUM
6570	_ Bridge Cleaning (S10-5 of 25132)	7127051	1.000	LSUM
6580	_ Bridge Cleaning (S10-6 of 25132)	7127051	1.000	LSUM
6590	_ Bridge Cleaning (S10-7 of 25132)	7127051	1.000	LSUM
6600	_ Bridge Cleaning (S11 of 25132)	7127051	1.000	LSUM
6610	_ Bridge Cleaning (S12 of 25132)	7127051	1.000	LSUM
6620	_ Bridge Cleaning (S13 of 25132)	7127051	1.000	LSUM
6630	_ Bridge Cleaning (S14 of 25132)	7127051	1.000	LSUM
6640	Beam Plate, Seal Perimeter	7130010	355.000	Ft
6650	Hanger Assembly, Field Measurement	7130030	41.000	Ea
6660	Hanger Assembly, Rem and Erect	7130031	41.000	Ea
6670	Heat Straightening Steel (R01 of 25085)	7130040	1.000	LSUM
6680	Rocker, Realign	7130050	82.000	Ea
6690	Stiffeners, Furn, Fab, and Erect	7130060	11,960.000	Lb
6700	Structural Steel, Furn and Fab, Pin and Hanger	7130070	22,600.000	Lb
6710	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,270.000	Lb
6720	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	9,920.000	Lb
6730	_ Pack Rust Repr	7137001	5.000	Ft
6740	_ Constraint Induced Fracture Det 1	7137050	2.000	Ea
6750	_ Constraint Induced Fracture Det 2	7137050	40.000	Ea
6760	_ Constraint Induced Fracture Det 3	7137050	2.000	Ea
6770	_ Constraint Induced Fracture Det 4	7137050	12.000	Ea
6780	_ Structural Steel Crack Repr	7137050	2.000	Ea
6790	_ Support, Temp, Spec, Type 1	7137050	82.000	Ea
6800	_ Support, Temp, Spec, Type 2	7137050	69.000	Ea
6810	_ Constraint Induced Fracture Mock-Up (S05 of 25085)	7137051	1.000	LSUM
6820	_ Constraint Induced Fracture Mock-Up (S10-5 of 25132)	7137051	1.000	LSUM
6830	_ Constraint Induced Fracture Mock-Up (S10-6 of 25132)	7137051	1.000	LSUM
6840	_ Constraint Induced Fracture Mock-Up (S10-7 of 25132)	7137051	1.000	LSUM

	25132)			
6850	_ Constraint Induced Fracture Mock-Up (S11 of 25132)	7137051	1.000	LSUM
6860	_ Contrainst Induced Fracture Mock-Up (R01 of 25085)	7137051	1.000	LSUM
6870	Protective Shield, Utility Pipe	7150025	10.000	Ft
6880	Steel Structure, Cleaning, Type 4 (R01 of 25084)	7150045	1.000	LSUM
6890	Steel Structure, Cleaning, Type 4 (R01 of 25085)	7150045	1.000	LSUM
6900	Steel Structure, Coating, Type 4 (R01 of 25084)	7150046	1.000	LSUM
6910	Steel Structure, Coating, Type 4 (R01 of 25085)	7150046	1.000	LSUM
6920	Steel Structure, Cleaning, Partial, Type 4 (R01 of 25084)	7150047	1.000	LSUM
6930	Steel Structure, Cleaning, Partial, Type 4 (S04 of 25085)	7150047	1.000	LSUM
6940	Steel Structure, Cleaning, Partial, Type 4 (S10-3 of 25132)	7150047	1.000	LSUM
6950	Steel Structure, Cleaning, Partial, Type 4 (S10-4 of 25132)	7150047	1.000	LSUM
6960	Steel Structure, Cleaning, Partial, Type 4 (S11 of 25132)	7150047	1.000	LSUM
6970	Steel Structure, Cleaning, Partial, Type 4 (S12 of 25132)	7150047	1.000	LSUM
6980	Steel Structure, Coating, Partial, Type 4 (R01 of 25084)	7150048	1.000	LSUM
6990	Steel Structure, Coating, Partial, Type 4 (S04 of 25085)	7150048	1.000	LSUM
7000	Steel Structure, Coating, Partial, Type 4 (S10-3 of 25132)	7150048	1.000	LSUM
7010	Steel Structure, Coating, Partial, Type 4 (S10-4 of 25132)	7150048	1.000	LSUM
7020	Steel Structure, Coating, Partial, Type 4 (S11 of 25132)	7150048	1.000	LSUM
7030	Steel Structure, Coating, Partial, Type 4 (S12 of 25132)	7150048	1.000	LSUM
7040	Field Repair of Damaged Coating (R01 of 25084)	7160001	1.000	LSUM
7050	Field Repair of Damaged Coating (R01 of 25085)	7160001	1.000	LSUM
7060	Field Repair of Damaged Coating (S10-3 of 25132)	7160001	1.000	LSUM
7070	Field Repair of Damaged Coating (S10-4 of 25132)	7160001	1.000	LSUM
7080	Field Repair of Damaged Coating (S13 of 25132)	7160001	1.000	LSUM
7090	Field Repair of Damaged Coating (S14 of 25132)	7160001	1.000	LSUM
7100	Fence, Structure	8080110	200.000	Sft
7110	_ Post and Chain Fence, Reinstall	8087001	2,766.000	Ft
7120	_ Post and Chain Fence, Rem and Salv	8087001	2,766.000	Ft
7130	Slope Paving Header	8130015	1,859.000	Ft
7140	Slope Paving, Conc	8130020	7,399.000	Syd
7150	_ Riprap, Special, Class II	8137031	280.000	Ton

Section: 5

7160	Lane Rental	1020001	1.000	LSUM
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2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 035**Letting Date:** March 5, 2021**Contract ID:** 26012-208853**Description:** 13.61 mi of replacement of 11 culverts, hot mix asphalt paving, pavement markings and slope restoration on M-18 from Ridge Road to Meredith Grade Road, Gladwin County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208853A	N/A	N/A	M 26012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,900.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	10.000	Ea
0040	Masonry and Conc Structure, Rem	2040045	15.000	Cyd
0050	Embankment, LM	2050011	300.000	Cyd
0060	Excavation, Earth	2050016	570.000	Cyd
0070	Erosion Control, Silt Fence	2080036	960.000	Ft
0080	Subbase, LM	3010003	590.000	Cyd
0090	Aggregate Base, 6 inch	3020016	1,145.000	Syd
0100	Trenching	3070200	6.000	Sta
0110	_ Shoulder, CI II, Modified	3077031	120.000	Ton
0120	Culv, CI A, 15 inch	4010132	40.000	Ft
0130	Culv, CI A, 18 inch	4010133	200.000	Ft
0140	Culv, CI A, 24 inch	4010134	70.000	Ft
0150	Culv, CI A, 30 inch	4010135	150.000	Ft
0160	Culv, CI A, 36 inch	4010136	135.000	Ft
0170	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	2.000	Ea
0180	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	7.000	Ea
0190	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	6.000	Ea
0200	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	6.000	Ea
0210	Dr Marker Post	4011109	21.000	Ea
0220	Dr Structure Cover, Type G	4030040	3.000	Ea
0230	Dr Structure, 60 inch dia	4030220	3.000	Ea
0240	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0250	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0260	HMA Surface, Rem	5010005	1,140.000	Syd
0270	HMA Approach	5010061	412.000	Ton
0280	HMA, Temp Pavt (LVSP)	5020807	80.000	Ton

0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,700.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,700.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,700.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,700.000	Ft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0370	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0380	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0390	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
0400	Conc Barrier, Temp, Furn	8120081	100.000	Ft
0410	Conc Barrier, Temp, Oper	8120082	100.000	Ft
0420	Conc Barrier, Temp, Relocated	8120083	100.000	Ft
0430	Tubular Marker	8120097	25.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Mobile Attenuator	8120180	1.000	Ea
0480	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,400.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,400.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0510	PTS System, Temp, Furn	8120270	1.000	Ea
0520	PTS System, Temp, Oper	8120271	1.000	Ea
0530	Sign Cover	8120310	46.000	Ea
0540	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0550	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0560	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0570	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	2,558.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	2,558.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	100.000	Ft
0620	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	100.000	Ft
0630	Conc Barrier, Temp, Limited Deflection, Det 2, Relocated	8121103	100.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	6,000.000	Ft
0650	Slope Restoration, Type B	8160101	1,475.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 036**Letting Date:** March 5, 2021**Contract ID:** 75022-208636

Description: 9.48 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, earthwork, drainage and pavement markings on US-2 from east of Tannery Road to west of County Road 432 and from east of River Road (County Road 433) to east of Lake Street, Schoolcraft County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208636A	21A0358	N/A	ST 75022
210805A	21A0359	N/A	HSIP 75022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$292,900.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0030	Curb and Gutter, Rem	2040020	704.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0050	Pavt, Rem	2040050	275.000	Syd
0060	Embankment, LM	2050011	690.000	Cyd
0070	Excavation, Earth	2050016	6,165.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0090	Obliterate Old Road	2070002	0.380	Acre
0100	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0110	Erosion Control, Sediment Trap	2080034	2.000	Ea
0120	Subbase, CIP	3010002	1,173.000	Cyd
0130	Aggregate Base	3020001	3,370.000	Ton
0140	Approach, CI I	3070001	1,040.000	Ton
0150	Approach, CI II	3070021	200.000	Ton
0160	Shoulder, CI II	3070121	1,899.000	Ton
0170	Culv, CI A, 12 inch	4010131	54.000	Ft
0180	Culv, CI A, 18 inch	4010133	100.000	Ft
0190	Culv, CI F, 18 inch	4010609	216.000	Ft
0200	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	10.000	Ea
0210	Cold Milling HMA Surface	5010002	215,286.000	Syd
0220	Bump Grinding	5010004	100.000	Syd
0230	HMA Surface, Rem	5010005	11,513.000	Syd
0240	HMA Quality Initiative	5010007	43,476.000	Dlr
0250	Longitudinal Joint Density Quality Initiative	5010018	150,788.000	Dlr
0260	Hand Patching	5010025	16.000	Ton

0270	HMA, 4E1	5010050	2,575.000	Ton
0280	HMA, 5E1	5010056	10,683.000	Ton
0290	HMA Approach	5010061	458.000	Ton
0300	HMA, LVSP	5010703	8,006.000	Ton
0310	Curb and Gutter, Conc, Det B2	8020016	576.000	Ft
0320	_ Curb and Gutter, Conc, Det B2, Modified	8027001	1,325.000	Ft
0330	Delineator Reflector, White	8100134	80.000	Ea
0340	Delineator, Rem	8100349	10.000	Ea
0350	Post, Rigid, Delineator	8100361	40.000	Ea
0360	Post, Steel, 3 lb	8100371	143.000	Ft
0370	Sign, Type I, Rem	8100391	2.000	Ea
0380	Sign, Type IIIB	8100405	50.000	Sft
0390	Sign, Type VB	8100425	24.000	Sft
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,153.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,488.000	Ft
0420	Pavt Mrkg, Waterborne, 6 inch, White	8110233	100,525.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,005.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,050.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	100,525.000	Ft
0460	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0470	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0480	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0490	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0500	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0510	Minor Traf Devices	8120170	1.000	LSUM
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,580.000	Ft
0530	Plastic Drum, Fluorescent, Furn	8120252	294.000	Ea
0540	Plastic Drum, Fluorescent, Oper	8120253	294.000	Ea
0550	Sign Cover	8120310	10.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	906.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	906.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Slope Restoration, Type A	8160100	1,775.000	Syd
0600	Slope Restoration, Type B	8160101	8,787.000	Syd
0610	Light Std Fdn, Rem	8190280	6.000	Ea
0620	Luminaire, Rem and Salv	8190365	6.000	Ea
0630	Monument Box Adjust	8210005	10.000	Ea
0640	Protect Corners	8210020	11.000	Ea
0650	Centerline Corrugations, Milled, HMA	8220013	47,336.000	Ft
0660	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	82,899.000	Ft
0670	Contractor Staking, Road Only	8240007	1.000	LSUM
0680	Staking Plan Errors and Extras, One Person	8240020	19.000	Hr
0690	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
0700	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 037**Letting Date:** March 5, 2021**Contract ID:** 66042-208872-2**Description:** 1.07 mi of culvert replacement and scour countermeasures northwest of Calumet Road on M-38 over Cane Creek, Ontonagon County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208872A	N/A	N/A	M 66042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$88,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.040	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Embankment, CIP	2050010	93.000	Cyd
0060	Excavation, Earth	2050016	67.000	Cyd
0070	Erosion Control, Filter Bag	2080014	6.000	Ea
0080	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0090	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0120	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0130	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0140	Subbase, CIP	3010002	453.000	Cyd
0150	Aggregate Base, 6 inch	3020016	531.000	Syd
0160	Maintenance Gravel	3060020	60.000	Ton
0170	Approach, CI II, 4 inch	3070026	68.000	Syd
0180	Shoulder, CI II, 4 inch	3070126	199.000	Syd
0190	Culv End Sect, 18 inch	4010018	1.000	Ea
0200	Sewer, CI A, 18 inch, Tr Det A	4020006	8.000	Ft
0210	Sewer Tap, 18 inch	4021206	1.000	Ea
0220	Dr Structure Cover, Type B	4030010	1.000	Ea
0230	Dr Structure, 48 inch dia	4030210	1.000	Ea
0240	HMA Surface, Rem	5010005	494.000	Syd
0250	HMA Quality Initiative	5010007	232.000	Dlr
0260	Longitudinal Joint Density Quality Initiative	5010018	895.000	Dlr
0270	HMA Approach	5010061	116.000	Ton
0280	Post, Mailbox	8070095	2.000	Ea

0290	Post, Steel, 3 lb	8100371	7.000	Ft
0300	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0310	Sign, Type III, Rem	8100403	1.000	Ea
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	38.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, White	8110233	299.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	38.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	299.000	Ft
0360	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0370	Barricade, Type III, High Intensity, Lighted, Furn	8120022	22.000	Ea
0380	Barricade, Type III, High Intensity, Lighted, Oper	8120023	22.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Mobile Attenuator	8120180	1.000	Ea
0430	Plastic Drum, Fluorescent, Furn	8120252	47.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	47.000	Ea
0450	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0460	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	1,890.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	1,890.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	Slope Restoration, Type A	8160100	2,374.000	Syd
0510	Slope Restoration, Type B	8160101	284.000	Syd
0520	Protect Corners	8210020	3.000	Ea
0530	Centerline Corrugations, Milled, HMA	8220013	150.000	Ft
0540	Contractor Staking	8240001	1.000	LSUM
0550	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0560	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0570	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Section: 2

0580	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0590	Backfill, Structure, CIP	2060002	100.000	Cyd
0600	Backfill, Select	2060004	26.000	Cyd
0610	Excavation, Fdn	2060010	380.000	Cyd
0620	_ Geotextile, Separator, Non-Woven	3087011	930.000	Syd
0630	_ Culv, Class B, CSP, 102 inch, Polymer Coated	4017001	256.000	Ft
0640	Trench Undercut and Backfill	4021260	190.000	Cyd
0650	Underdrain, Fdn, 6 inch	4040033	600.000	Ft
0660	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0670	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0680	_ Cofferdams, Left in Place, Special (C04 of 66042)	7047051	1.000	LSUM
0690	_ Cofferdams, Special (C04 of 66042)	7047051	1.000	LSUM
0700	Conc, Grade S2	7060011	80.000	Cyd
0710	Reinforcement, Steel, Epoxy Coated	7060092	10,471.000	Lb

0720	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	85.000	Sft
0730	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	85.000	Sft
0740	Joint Waterproofing	7100001	190.000	Sft
0750	_ Riprap, Special, Class II	8137031	400.000	Ton



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 038**Letting Date:** March 5, 2021**Contract ID:** 58171-210176

Description: Bridge rehabilitation includes substructure and structural steel repairs, bearing replacements and elastomeric bearings and temporary supports on 4 bridges at M-50 over Raisin River and at I-275 over Newburg Road, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210176A	N/A	N/A	M 58171

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$92,700.00	1500001	1.000	LSUM
0030	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0040	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0050	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0060	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0070	Conc Barrier, Temp, Furn	8120081	320.000	Ft
0080	Conc Barrier, Temp, Oper	8120082	320.000	Ft
0090	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0100	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0130	Ltg for Night Work	8120160	1.000	LSUM
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Mobile Attenuator	8120180	1.000	Ea
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	480.000	Ft
0170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,400.000	Ft
0180	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0200	PTS System, Temp, Furn	8120270	2.000	Ea
0210	PTS System, Temp, Oper	8120271	2.000	Ea
0220	Sign Cover	8120310	12.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0240	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0250	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft

0260	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	720.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	720.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	96.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	96.000	Sft
0310	Temp Portable Power Source for TS System	8120380	1.000	LSUM

Section: 2

0320	Backfill, Structure, CIP	2060002	176.000	Cyd
0330	Excavation, Fdn	2060010	176.000	Cyd
0340	Erosion Control, Silt Fence	2080036	120.000	Ft
0350	Conc, Grade D	7060010	1.000	Cyd
0360	Reinforcement, Steel, Epoxy Coated	7060092	1,971.000	Lb
0370	Bearing, Elastomeric, 3 inch	7070020	3,080.000	Sin
0380	Conc Surface Coating	7100011	83.000	Syd
0390	Hand Chipping, Other Than Deck	7120007	648.000	Cft
0400	Patch, Forming	7120017	801.000	Sft
0410	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	356.000	Ea
0420	Patching Conc, C-L	7120112	30.000	Cyd
0430	Embedded Galvanic Anode	7120120	126.000	Ea
0440	_ Deck, Scaling	7127010	1,200.000	Sft
0450	Beam Plate, Seal Perimeter	7130010	910.000	Ft
0460	Stiffeners, Furn, Fab, and Erect	7130060	3,020.000	Lb
0470	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	5,000.000	Lb
0480	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	4,078.000	Lb
0490	Support, Column, Temp	7130080	22.000	Ea
0500	Steel Structure, Cleaning, Partial, Type 4 (S04 of 58171)	7150047	1.000	LSUM
0510	Steel Structure, Cleaning, Partial, Type 4 (S10 of 58171)	7150047	1.000	LSUM
0520	Steel Structure, Cleaning, Partial, Type 4 (S13 of 58171)	7150047	1.000	LSUM
0530	Steel Structure, Coating, Partial, Type 4 (S04 of 58171)	7150048	1.000	LSUM
0540	Steel Structure, Coating, Partial, Type 4 (S10 of 58171)	7150048	1.000	LSUM
0550	Steel Structure, Coating, Partial, Type 4 (S13 of 58171)	7150048	1.000	LSUM
0560	Fence, Protective	8080007	450.000	Ft
0570	Slope Paving Header	8130015	70.000	Ft
0580	Slope Paving, Conc	8130020	162.000	Syd
0590	Luminaire, Install Salv	8190350	1.000	Ea
0600	Luminaire, Rem and Salv	8190365	1.000	Ea



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 039**Letting Date:** March 5, 2021**Contract ID:** 79081-209688**Description:** Bridge rehabilitation including superstructure repair, substructure patching, temporary supports and pavement markings on various routes, Bay, Midland, Saginaw and Tuscola Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209688A	N/A	N/A	M 79081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,600.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	50.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0040	Maintenance Gravel, LM	3060021	10.000	Cyd
0050	Guardrail, Type T	8070002	50.000	Ft
0060	Guardrail Reflector	8070080	2.000	Ea
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	26.000	Ea
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	26.000	Ea
0090	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0100	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0110	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0120	Conc Barrier, Temp, Adj	8120080	520.000	Ft
0130	Conc Barrier, Temp, Furn	8120081	520.000	Ft
0140	Conc Barrier, Temp, Oper	8120082	520.000	Ft
0150	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0160	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Mobile Attenuator	8120180	6.000	Ea
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,400.000	Ft
0220	Plastic Drum, Fluorescent, Furn	8120252	390.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	390.000	Ea
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0250	Sign Cover	8120310	22.000	Ea

0260	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0270	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0280	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0290	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	3,168.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	3,168.000	Sft
0320	Temp Portable Power Source for TS System	8120380	1.000	LSUM
0330	TS, Temp, Furn	8120400	1.000	Ea
0340	TS, Temp, Oper	8120401	1.000	Ea
0350	Slope Restoration, Type C	8160102	300.000	Syd

Section: 2

0360	Backfill, Structure, CIP	2060002	30.000	Cyd
0370	Excavation, Fdn	2060010	30.000	Cyd
0380	_ Bypass Pumping	7047050	1.000	Ea
0390	_ Construction Dam	7047050	1.000	Ea
0400	Reinforcement, Steel, Epoxy Coated	7060092	350.000	Lb
0410	Hand Chipping, Other Than Deck	7120007	167.000	Cft
0420	Patch, Forming	7120017	330.000	Sft
0430	Structural Crack, Repr	7120099	250.000	Ft
0440	Patching Conc, C-L	7120112	7.000	Cyd
0450	Embedded Galvanic Anode	7120120	167.000	Ea
0460	_ Deck, Scaling	7127010	3,000.000	Sft
0470	_ Hand Chipping, Special	7127010	2.000	Sft
0480	_ Shear Strengthening System	7127010	365.000	Sft
0490	_ Beam End Repair, Latex Modified Conc	7127020	1.000	Cft
0500	Support, Column, Temp	7130080	2.000	Ea
0510	_ Support, Column, Temp, Left in Place	7137050	5.000	Ea
0520	_ Support, Temp, Spec, Type 2	7137050	4.000	Ea
0530	Slope Paving Header	8130015	45.000	Ft
0540	Slope Paving, Conc	8130020	40.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 040**Letting Date:** March 5, 2021**Contract ID:** 41000-207283**Description:** Application of long line pavement markings on various routes, Allegan, Barry, Ionia, Kent, Lake, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola and Ottawa Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207283A	21A0360	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$292,000.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,404,863.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,867,591.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,036,751.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	314,058.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,275,313.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	8,307,116.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,589,421.000	Ft
0090	Pavt Mrkg, Waterborne, 12 inch, White	8110237	132,366.000	Ft
0100	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	1,038,126.000	Ft
0110	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	250.000	Mi
0120	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	250.000	Mi
0130	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	250.000	Mi
0140	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	3.000	Ea
0150	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	3.000	Ea
0160	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,500.000	Ft



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 041**Letting Date:** March 5, 2021**Contract ID:** 73000-207279**Description:** Application of longitudinal line pavement markings on various routes, Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Shiawassee, St. Clair and Tuscola Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207279A	21A0361	N/A	HSIP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$253,100.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,382,205.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,109,501.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,374,488.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	90,321.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,318,379.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,302,322.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,370,974.000	Ft
0090	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	1,039.000	Ft
0100	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	24,402.000	Ft
0110	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	1,493.000	Ft
0120	Recessing Pavt Mrkg, Longit	8110450	1,000.000	Ft
0130	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	860,692.000	Ft
0140	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	50.000	Mi
0150	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	50.000	Mi
0160	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	50.000	Mi
0170	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	2.000	Ea
0180	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	3.000	Ea
0190	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	1.000	Ea

0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	18,000.000	Ft
0220	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	200.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 210305 042

Letting Date: March 5, 2021

Contract ID: 69023-207291

Description: Application of special pavement markings on various routes, Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, 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
207291A	21A0367	N/A	HSIP 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$41,900.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	320.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	565.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	694.000	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	5.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	2.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	106.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	19.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	20.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	136.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, School	8110074	36.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	1.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	3.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0170	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	12,060.000	Ft
0180	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	22.000	Ea
0190	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	14,731.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	8,819.000	Ft
0210	Rem Spec Mrkg	8110343	17,400.000	Sft
0220	Pavt Mrkg, Polyurea, Merge	8110407	2.000	Ea
0230	Recessing Pavt Mrkg, Transv	8110451	31,900.000	Sft

0240	Protective Ovly, Snowmobile Trail Crossing	8110550	680.000	Syd
0250	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	200.000	Ft
0260	_ Call Back, Intermediate Transportation, Special Marking, \$4.55	8117003	1,100.000	Mi
0270	_ Scarification, for Polyurea Spec Mrkg	8117010	5,000.000	Sft
0280	_ Call Back, Mobilization, Special Marking, \$570.00	8117050	5.000	Ea
0290	_ Pavt Mrkg, Ovly Cold Plastic, Right	8117050	1.000	Ea
0300	_ Pavt Mrkg, Ovly Cold Plastic, Turn	8117050	1.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 043**Letting Date:** March 5, 2021**Contract ID:** 63000-207286**Description:** Application of longitudinal pavement markings on various routes, Macomb, Wayne, and Oakland Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207286A	21A0362	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$254,200.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,172,345.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	6,946,150.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,827,005.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	919,370.000	Ft
0060	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	15.000	Ea
0070	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	1,665.000	Ft
0080	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	34,300.000	Ft
0090	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	862,075.000	Ft
0100	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	100.000	Mi
0110	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	100.000	Mi
0120	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	100.000	Mi
0130	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	5.000	Ea
0140	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	5.000	Ea
0150	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,000.000	Ft



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 044**Letting Date:** March 5, 2021**Contract ID:** 82143-207738

Description: 0.38 mi of construction of island for pedestrians, remove left turn lanes and upgrade traffic signal on M-102 (8 Mile Road) at M-97 (Groesbeck Highway) and M-102 (8 Mile Road) at M-3 (Gratiot Avenue) in the cities of Detroit, Warren and Eastpointe, Wayne and Macomb counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207738A	21A0364	N/A	CM 82143

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$135,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0040	Dr Structure, Rem	2030011	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	34.000	Ft
0060	Curb and Gutter, Rem	2040020	417.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0080	Sidewalk, Rem	2040055	400.000	Syd
0090	Exploratory Investigation, Vertical	2040080	50.000	Ft
0100	_ Pavt, Rem, Special	2047011	2,611.000	Syd
0110	Embankment, CIP	2050010	1,311.000	Cyd
0120	Excavation, Earth	2050016	1,167.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	75.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0150	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	33.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	8.000	Ea
0180	Erosion Control, Silt Fence	2080036	1,149.000	Ft
0190	Subbase, CIP	3010002	499.000	Cyd
0200	Aggregate Base, 6 inch	3020016	1,053.000	Syd
0210	Geotextile, Stabilization	3080010	50.000	Syd
0220	Sewer, CI III, 12 inch, Tr Det B	4020866	25.000	Ft
0230	Sewer, CI IV, 12 inch, Tr Det B	4020987	32.000	Ft
0240	Sewer Tap, 24 inch	4021207	2.000	Ea
0250	Sewer Tap, 36 inch	4021209	4.000	Ea
0260	Trench Undercut and Backfill	4021260	2.000	Cyd
0270	Video Taping Sewer and Culv Pipe	4021275	57.000	Ft

0280	Dr Structure Cover, Adj, Case 1, Modified	4030004	9.000	Ea
0290	Dr Structure Cover, Adj, Case 2	4030006	18.000	Ea
0300	Dr Structure Cover, Type B	4030010	3.000	Ea
0310	Dr Structure Cover, Type G	4030040	6.000	Ea
0320	Dr Structure Cover, Type K	4030050	4.000	Ea
0330	Dr Structure, 48 inch dia	4030210	6.000	Ea
0340	Dr Structure, 60 inch dia	4030220	2.000	Ea
0350	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	4.000	Ft
0360	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0370	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0380	Underdrain, Subbase, 6 inch	4040063	502.000	Ft
0390	Underdrain, Subgrade, 6 inch	4040073	20.000	Ft
0400	HMA Surface, Rem	5010005	2,845.000	Syd
0410	Joint, Contraction, Cp	6020200	694.000	Ft
0420	Joint, Expansion, E2	6020207	18.000	Ft
0430	Conc Quality Initiative	6020401	3,500.000	Dlr
0440	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	1,176.000	Syd
0450	Cement	6030005	20.000	Ton
0460	Lane Tie, Epoxy Anchored	6030030	926.000	Ea
0470	_ Managed Field Ethernet Switch, Fiber Capable	8007050	3.000	Ea
0480	_ Roadside Unit, Intersection	8007050	3.000	Ea
0490	Curb, Conc, Det E2	8020002	161.000	Ft
0500	Curb and Gutter, Conc, Det D1	8020030	71.000	Ft
0510	Curb and Gutter, Conc, Det F5	8020039	1,394.000	Ft
0520	Shoulder Gutter, Conc, Det 3	8020057	6.000	Ea
0530	Spillway, Conc	8020075	55.000	Ft
0540	Detectable Warning Surface	8030010	180.000	Ft
0550	Curb Ramp Opening, Conc	8030030	409.000	Ft
0560	Sidewalk Ramp, Conc, 6 inch	8030036	5,217.000	Sft
0570	Fence, Temp	8080004	960.000	Ft
0580	Fence, Protective	8080007	100.000	Ft
0590	Band, Sign	8100010	16.000	Ea
0600	Fdn, Wood Support, Rem	8100280	7.000	Ea
0610	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0620	Post, Steel, 3 lb	8100371	1,212.000	Ft
0630	Post, Wood, 4 inch by 6 inch	8100380	36.000	Ft
0640	Post, Wood, 6 inch by 8 inch	8100382	110.000	Ft
0650	Sign, Type I, Rem	8100391	2.000	Ea
0660	Sign, Type IA	8100392	84.000	Sft
0670	Sign, Type II, Rem	8100397	3.000	Ea
0680	Sign, Type IIB	8100399	44.000	Sft
0690	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0700	Sign, Type III, Rem	8100403	42.000	Ea
0710	Sign, Type IIIA	8100404	231.000	Sft

0720	Sign, Type IIIB	8100405	266.000	Sft
0730	Sign, Type VB	8100425	7.000	Sft
0740	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	60.000	Ft
0750	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	77.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0810	Pavt Mrkg, Polyurea, 4 inch, White	8110091	4,369.000	Ft
0820	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,121.000	Ft
0830	Pavt Mrkg, Polyurea, 6 inch, White	8110094	140.000	Ft
0840	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,150.000	Ft
0850	Pavt Mrkg, Polyurea, 12 inch, White	8110111	290.000	Ft
0860	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	380.000	Ft
0870	Rem Spec Mrkg	8110343	1,854.000	Sft
0880	Recessing Pavt Mrkg, Longit	8110450	3,130.000	Ft
0890	Recessing Pavt Mrkg, Transv	8110451	3,468.000	Sft
0900	Recessing Pavt Mrkg, Guide Line	8110453	280.000	Ft
0910	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Thru Guide Line, White	8110566	280.000	Ft
0920	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	28.000	Ea
0930	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	28.000	Ea
0940	Pedestrian Type II Barricade, Temp	8120026	20.000	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, Longit, Greater than 6 inch Width, Rem	8120211	4,635.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,760.000	Ft
1000	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	500.000	Ft
1010	Plastic Drum, Fluorescent, Furn	8120252	318.000	Ea
1020	Plastic Drum, Fluorescent, Oper	8120253	318.000	Ea
1030	Sign Cover	8120310	30.000	Ea
1040	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1050	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1060	Sign, Type B, Temp, Prismatic, Furn	8120350	1,564.000	Sft
1070	Sign, Type B, Temp, Prismatic, Oper	8120351	1,564.000	Sft
1080	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	247.000	Sft
1090	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	247.000	Sft
1100	Slope Restoration, Type A	8160100	3,262.000	Syd
1110	Slope Restoration, Type B	8160101	1,298.000	Syd

1120	Cable Pole, TS and Sec, Disman	8190009	2.000	Ea
1130	Conduit, DB, 1, 1 1/2 inch	8190027	690.000	Ft
1140	Conduit, DB, 3, 3 inch	8190035	225.000	Ft
1150	Conduit, DB, 4, 3 inch	8190038	60.000	Ft
1160	Hh, Adj	8190244	1.000	Ea
1170	Hh, Polymer Conc	8190250	6.000	Ea
1180	Hh, Rem	8190254	12.000	Ea
1190	Hh, Round, 3 foot dia	8190259	3.000	Ea
1200	Hh, Round	8190260	14.000	Ea
1210	Cable, Sec, 600V, 1, 3/C#6	8190399	190.000	Ft
1220	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
1230	Wood Pole, Rem	8190505	1.000	Ea
1240	Conduit, Directional Bore, 2, 3 inch	8190604	870.000	Ft
1250	_ Conduit, DB, 1, 1 inch	8197001	60.000	Ft
1260	Case Sign, Rem	8200020	9.000	Ea
1270	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	9.000	Ea
1280	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
1290	Controller and Cabinet, Rem	8200030	2.000	Ea
1300	Controller Fdn, Base Mount	8200045	3.000	Ea
1310	Controller Fdn, Rem	8200046	2.000	Ea
1320	Global Positioning System Module	8200050	3.000	Ea
1330	Global Positioning System Module, Rem	8200053	2.000	Ea
1340	Fdn, Rem	8200065	5.000	Ea
1350	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	3.000	Ea
1360	Pedestal, Alum	8200100	16.000	Ea
1370	Pedestal, Fdn	8200105	19.000	Ea
1380	Pedestal Fdn, Rem	8200106	6.000	Ea
1390	Pedestal, Rem	8200110	6.000	Ea
1400	Power Co. (Est. Cost to Contractor)	8200116	1,876.000	Dlr
1410	Pushbutton and Sign	8200121	27.000	Ea
1420	Pushbutton, Rem	8200122	4.000	Ea
1430	Pushbutton Pedestal, Alum	8200123	3.000	Ea
1440	Serv Disconnect	8200135	3.000	Ea
1450	Span Wire	8200140	13.000	Ea
1460	Span Wire, Rem	8200141	5.000	Ea
1470	Span Wire Tether	8200142	12.000	Ea
1480	Steel Pole, Rem	8200145	5.000	Ea
1490	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
1500	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1510	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
1520	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
1530	TS, Span Wire Mtd, Rem	8200182	12.000	Ea
1540	Cabinet, NEMA Type	8200186	3.000	Ea
1550	TS, One Way Span Wire Mtd (LED)	8200313	44.000	Ea
1560	TS, Two Way Span Wire Mtd (LED)	8200322	1.000	Ea

1570	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1580	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1590	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
1600	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
1610	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	14.000	Ea
1620	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
1630	Junction Box, Span Wire	8200456	12.000	Ea
1640	Junction Box, Rem	8200457	10.000	Ea
1650	TS Face, Bag	8200458	2.000	Ea
1660	TS Face, Bag, Rem	8200459	2.000	Ea
1670	Strain Pole, Steel, 6 bolt, 30 foot	8200460	5.000	Ea
1680	Strain Pole, Steel, 6 bolt, 36 foot	8200461	11.000	Ea
1690	Strain Pole Fdn, 6 Bolt	8200470	233.000	Ft
1700	Casing	8200480	178.000	Ft
1710	Cellular Modem, TS, 4G	8200498	3.000	Ea
1720	Backplate, TS	8200501	48.000	Ea
1730	_ Controller, NEMA, ATC Type	8207050	3.000	Ea
1740	Monument Box Adjust	8210005	2.000	Ea
1750	Protect Corners	8210020	9.000	Ea
1760	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
1770	Gate Box, Adj, Case 2	8230432	1.000	Ea
1780	Contractor Staking, Road Only	8240007	1.000	LSUM
1790	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
1800	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
1810	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
1820	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1830	Lightning Protection, Pole	8260021	3.000	Ea
1840	Flowable Fill, Non-Structural	8260148	40.000	Cyd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 045**Letting Date:** March 5, 2021**Contract ID:** 33082-204193

Description: 3.08 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-43 from Mullet Street to M-52 in the city of Williamston, Ingham County. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204193A	21A0366	N/A	ST 33082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,700.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0040	Aggregate Base, Conditioning	3020050	250.000	Syd
0050	Shoulder, CI II	3070121	997.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0070	Dr Structure, Temp Lowering	4030390	8.000	Ea
0080	Cold Milling HMA Surface	5010002	36,136.000	Syd
0090	HMA Surface, Rem	5010005	200.000	Syd
0100	HMA Quality Initiative	5010007	12,970.000	Dlr
0110	Longitudinal Joint Density Quality Initiative	5010018	48,372.000	Dlr
0120	HMA, 5E1	5010056	6,081.000	Ton
0130	HMA Approach	5010061	404.000	Ton
0140	Curb Sloped, HMA	8050010	150.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	52.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,100.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,500.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	28,500.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,100.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	17,500.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	28,500.000	Ft
0240	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0250	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0260	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea

0280	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
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	Sign Cover	8120310	9.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0340	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Centerline Corrugations, Milled, HMA	8220013	9,800.000	Ft



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 046**Letting Date:** March 5, 2021**Contract ID:** 73131-207745**Description:** Installation of a dynamic message sign and associated permanent signing at the M-54/M-83 intersection south of the Horton Graham Drain, Saginaw and Genesee Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207745A	21A0357	N/A	ST 73131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,400.00	1500001	1.000	LSUM
0020	_ Small Dynamic Sign, Fdn, Type B, Cased	8007001	42.000	Ft
0030	_ Cellular Modem, 4G	8007050	1.000	Ea
0040	_ Dynamic Message Sign, Amber, 46mm, 27 by 95	8007050	1.000	Ea
0050	_ Power Distribution Unit	8007050	1.000	Ea
0060	_ Small Dynamic Message Sign, Support Structure, Type B	8007050	1.000	Ea
0070	_ Ancillary Conduit Infrastructure	8007051	1.000	LSUM
0080	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0090	Post, Steel, 3 lb	8100371	198.000	Ft
0100	Sign, Type IIIA	8100404	91.000	Sft
0110	Sign, Type IIIB	8100405	22.000	Sft
0120	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0130	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0180	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0190	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0200	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	Slope Restoration, Type A	8160100	100.000	Syd
0250	Conduit, DB, 1, 3 inch	8190029	20.000	Ft
0260	Conduit, DB, 2, 3 inch	8190032	15.000	Ft
0270	Conduit, DB, 4, 3 inch	8190038	15.000	Ft

0280	DB Cable, in Conduit, 600V, 1/C#6	8190211	330.000	Ft
0290	Cable, Equipment Grounding Wire, 1/C#6	8190236	110.000	Ft
0300	Hh, Type D	8190262	1.000	Ea
0310	Conduit, Directional Bore, 1, 3 inch	8190602	75.000	Ft
0320	_ Hh, Round, Electric	8197050	2.000	Ea
0330	Power Co. (Est. Cost to Contractor)	8200116	400.000	Dlr
0340	_ ITS Cabinet, Ground Mtd	8207050	1.000	Ea
0350	Contractor Staking	8240001	1.000	LSUM
0360	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0370	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0380	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0390	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0400	Lightning Protection, Structure, Small Dynamic Message Sign	8260023	1.000	Ea
0410	Managed Field Ethernet Switch, Layer 2	8260080	1.000	Ea
0420	Power Serv, Underground, 60A, 120/240V	8260101	1.000	Ea
0430	System Integration and Testing	8260160	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 047**Letting Date:** March 5, 2021**Contract ID:** 53032-207795**Description:** 0.13 mi of hot mix asphalt right turn lane addition on US-10 at Brye Road, Mason County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207795A	21A0363	N/A	NH 53032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$59,200.00	1500001	1.000	LSUM
0020	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Curb and Gutter, Rem	2040020	2,814.000	Ft
0050	Pavt, Rem	2040050	428.000	Syd
0060	Sidewalk, Rem	2040055	72.000	Syd
0070	Exploratory Investigation, Vertical	2040080	20.000	Ft
0080	Excavation, Earth	2050016	1,893.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	750.000	Cyd
0110	_ Embankment, CIP, Special	2057021	1,087.000	Cyd
0120	_ Dewatering System, Excavation	2067050	1.000	Ea
0130	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	21.000	Ea
0150	Erosion Control, Inlet Protection, Sediment Trap	2080024	20.000	Ea
0160	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0170	Erosion Control, Silt Fence	2080036	650.000	Ft
0180	Project Cleanup	2090001	1.000	LSUM
0190	Subbase, CIP	3010002	22.000	Cyd
0200	Aggregate Base, 6 inch	3020016	4,272.000	Syd
0210	Open-Graded Dr Cse, 5 inch	3030005	40.000	Syd
0220	Approach, CI II	3070021	8.000	Ton
0230	Culv End Sect, 18 inch	4010018	1.000	Ea
0240	Culv, CI F, 18 inch	4010609	8.000	Ft
0250	Sewer, CI A, 12 inch, Tr Det B	4020033	90.000	Ft
0260	Sewer Tap, 6 inch	4021201	2.000	Ea
0270	Trench Undercut and Backfill	4021260	5.000	Cyd
0280	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea

0290	Dr Structure Cover, Type B	4030010	20.000	Ea
0300	Dr Structure Cover, Type C	4030015	9.000	Ea
0310	Dr Structure, 24 inch dia	4030200	6.000	Ea
0320	Dr Structure, 48 inch dia	4030210	3.000	Ea
0330	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0340	Underdrain, Pipe, Open-Graded, 6 inch	4040043	30.000	Ft
0350	Underdrain, Subgrade, 6 inch	4040073	350.000	Ft
0360	Underdrain Outlet, 6 inch	4040093	30.000	Ft
0370	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0380	HMA Surface, Rem	5010005	2,864.000	Syd
0390	HMA Quality Initiative	5010007	2,886.000	Dlr
0400	HMA Approach	5010061	1,443.000	Ton
0410	Conc Pavt, Misc, Nonreinf, 8 1/2 inch	6020055	40.000	Syd
0420	Curb and Gutter, Conc, Det B2	8020016	96.000	Ft
0430	Curb and Gutter, Conc, Det D2	8020031	2,498.000	Ft
0440	Driveway Opening, Conc, Det M	8020050	515.000	Ft
0450	Spillway, Conc	8020075	8.000	Ft
0460	Detectable Warning Surface	8030010	33.000	Ft
0470	Curb Ramp Opening, Conc	8030030	75.000	Ft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	279.000	Sft
0490	Sidewalk, Conc, 6 inch	8030046	332.000	Sft
0500	Post, Steel, 3 lb	8100371	278.000	Ft
0510	Sign, Type II, Erect, Salv	8100396	6.000	Ea
0520	Sign, Type II, Rem	8100397	2.000	Ea
0530	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0540	Sign, Type III, Rem	8100403	6.000	Ea
0550	Sign, Type IIIB	8100405	26.000	Sft
0560	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0570	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	11.000	Ea
0580	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0600	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,259.000	Ft
0610	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	92.000	Ft
0620	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	192.000	Ft
0630	Pavt Mrkg, Polyurea, 6 inch, White	8110094	2,766.000	Ft
0640	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	122.000	Ft
0650	_ Scarification, for Polyurea Spec Mrkg	8117010	250.000	Sft
0660	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Plastic Drum, Fluorescent, Furn	8120252	451.000	Ea
0690	Plastic Drum, Fluorescent, Oper	8120253	451.000	Ea
0700	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0710	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea

0720	Sign, Type B, Temp, Prismatic, Furn	8120350	408.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	408.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	Sodding	8160055	1,072.000	Syd
0760	Slope Restoration, Type B	8160101	2,546.000	Syd
0770	Conduit, DB, 1, 1 1/2 inch	8190027	15.000	Ft
0780	Conduit, Rem	8190140	20.000	Ft
0790	Pedestal, Alum, Salv	8200101	1.000	Ea
0800	Pedestal, Fdn	8200105	1.000	Ea
0810	Pedestal Fdn, Rem	8200106	1.000	Ea
0820	Pedestal, Rem	8200110	1.000	Ea
0830	Pushbutton, Rem	8200122	1.000	Ea
0840	Pushbutton and Sign, Salv	8200126	1.000	Ea
0850	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0860	TS, Pedestrian, Two Way Pedestal Mtd, Salv	8200238	1.000	Ea
0870	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0880	Wireless Vehicle Sensor Node, Salv	8200427	6.000	Ea
0890	Contractor Staking, Road Only	8240007	1.000	LSUM
0900	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0910	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0920	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 048**Letting Date:** March 5, 2021**Contract ID:** 19000-208769**Description:** 45.85 lane mi of overband crack seal at various locations on M-50, Old US-27 and I-69BL, Clinton, Eaton and Ingham Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208769A	21A0377	N/A	ST 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$18,100.00	1500001	1.000	LSUM
0020	Overband Crack Fill, Lane	5020003	45.850	Lnmi
0030	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	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, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0100	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	1,900.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	1,900.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 049**Letting Date:** March 5, 2021**Contract ID:** 49026-208642

Description: 1.91 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage structures and pavement markings on I-75BL from the US-2 overpass easterly to High Street and from Antoine Street to North Airport Drive in the city of St. Ignace, Mackinac County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208642A	21A0368	N/A	NH 49026

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$76,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	575.000	Ft
0030	Pavt, Rem	2040050	14.000	Syd
0040	Sidewalk, Rem	2040055	236.000	Syd
0050	Shoulder, CI II	3070121	153.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0070	Dr Structure Cover, Type K	4030050	1.000	Ea
0080	_ Dr Structure, Repr	4037050	7.000	Ea
0090	Cold Milling HMA Surface	5010002	61,509.000	Syd
0100	Bump Grinding	5010004	100.000	Syd
0110	HMA Surface, Rem	5010005	125.000	Syd
0120	HMA Quality Initiative	5010007	10,692.000	Dlr
0130	Longitudinal Joint Density Quality Initiative	5010018	30,267.000	Dlr
0140	Hand Patching	5010025	20.000	Ton
0150	HMA, 5E1	5010056	5,260.000	Ton
0160	HMA Approach	5010061	66.000	Ton
0170	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	14.000	Syd
0180	Curb and Gutter, Conc, Det C1	8020020	5.000	Ft
0190	Curb and Gutter, Conc, Det C2	8020021	107.000	Ft
0200	Curb and Gutter, Conc, Det C3	8020022	10.000	Ft
0210	Curb and Gutter, Conc, Det F2	8020036	60.000	Ft
0220	Driveway Opening, Conc, Det M	8020050	12.000	Ft
0230	Detectable Warning Surface	8030010	151.000	Ft
0240	Curb Ramp Opening, Conc	8030030	382.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	1,821.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	423.000	Sft
0270	_ Sidewalk, Brick Pavers, Install Salv, Type II	8037010	34.000	Sft

0280	_ Sidewalk, Brick Pavers, Rem and Salv	8037010	34.000	Sft
0290	Post, Steel, 3 lb	8100371	174.000	Ft
0300	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0310	Sign, Type III, Rem	8100403	7.000	Ea
0320	Sign, Type IIIB	8100405	29.000	Sft
0330	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	4.000	Ea
0340	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	400.000	Ft
0350	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	128.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,120.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,223.000	Ft
0380	Pavt Mrkg, Waterborne, 6 inch, White	8110233	8,110.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,120.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,223.000	Ft
0410	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	8,110.000	Ft
0420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0430	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	12.000	Ea
0440	Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch, White	8110420	140.000	Ft
0450	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0460	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	230.000	Ea
0470	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	230.000	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, Longit, 6 inch or Less Width, Rem	8120210	150.000	Ft
0520	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	1,600.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,500.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,600.000	Ft
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	1,600.000	Ft
0570	Sign Cover	8120310	5.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	1,056.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	1,056.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Slope Restoration, Type B	8160101	100.000	Syd
0620	Monument Box	8210001	1.000	Ea
0630	Monument Box Adjust	8210005	12.000	Ea
0640	Monument Preservation	8210010	6.000	Ea
0650	Protect Corners	8210020	12.000	Ea
0660	Contractor Staking, Road Only	8240007	1.000	LSUM
0670	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0680	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0690	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 050**Letting Date:** March 5, 2021**Contract ID:** 63052-208615

Description: 1.8 mi of cold milling & one course asphalt overlay, ADA ramp upgrades and miscellaneous work on US-24 from Elizabeth Lake Road to southeast of Orchard Lake Road, Oakland County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208615A	21A0365	N/A	NH 63052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$253,800.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0040	Curb and Gutter, Rem	2040020	3,478.000	Ft
0050	Guardrail, Rem	2040035	214.000	Ft
0060	Sidewalk, Rem	2040055	1,489.000	Syd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	36.000	Ea
0090	Erosion Control, Silt Fence	2080036	200.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0110	Aggregate Base, 4 inch	3020010	2,313.000	Syd
0120	Dr Structure Cover, Adj, Case 1	4030005	18.000	Ea
0130	Dr Structure Cover, Adj, Case 2	4030006	11.000	Ea
0140	Dr Structure Cover, Type K	4030050	16.000	Ea
0150	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0160	Pavt, Cleaning	5010001	1.000	LSUM
0170	Cold Milling HMA Surface	5010002	90,579.000	Syd
0180	HMA Quality Initiative	5010007	15,308.000	Dlr
0190	Longitudinal Joint Density Quality Initiative	5010018	53,517.000	Dlr
0200	Pavt Joint and Crack Repr, Det 7	5010020	2,400.000	Ft
0210	Pavt Joint and Crack Repr, Det 8	5010021	1,200.000	Ft
0220	Hand Patching	5010025	180.000	Ton
0230	HMA Approach	5010061	440.000	Ton
0240	HMA, 5E3, High Stress	5010515	5,904.000	Ton
0250	_ HMA, 5E3, Reinforcing Fiber Modified	5017031	1,130.000	Ton
0260	_ Bus Stop, Temp	8007050	6.000	Ea
0270	_ Pedestrian Ramp, Temp	8007050	56.000	Ea

0280	Curb and Gutter, Conc, Det B2	8020016	737.000	Ft
0290	Curb and Gutter, Conc, Det F2	8020036	2,169.000	Ft
0300	Curb and Gutter, Conc, Det F4	8020038	10.000	Ft
0310	Curb and Gutter, Conc, Det F6	8020040	34.000	Ft
0320	Detectable Warning Surface	8030010	433.000	Ft
0330	Curb Ramp Opening, Conc	8030030	606.000	Ft
0340	Sidewalk Ramp, Conc, 4 inch	8030034	6,857.000	Sft
0350	Sidewalk Ramp, Conc, 6 inch	8030036	7,030.000	Sft
0360	Sidewalk, Conc, 4 inch	8030044	1,314.000	Sft
0370	Sidewalk, Conc, 6 inch	8030046	288.000	Sft
0380	_ Conc Pavers, Rem and Salv	8037010	7.000	Sft
0390	_ Reinstall Conc Pavers on Aggregate and Sand Bed	8037010	7.000	Sft
0400	Guardrail, Type MGS-8	8070004	38.000	Ft
0410	Guardrail, Curved, Type MGS-8	8070012	88.000	Ft
0420	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0430	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0440	Guardrail Reflector	8070080	7.000	Ea
0450	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	72.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0490	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,443.000	Ft
0500	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	528.000	Ft
0510	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	406.000	Ft
0520	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	41,317.000	Ft
0530	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	22,938.000	Ft
0540	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,220.000	Ft
0550	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,633.000	Ft
0560	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	700.000	Ft
0570	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	47.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	47.000	Ea
0600	Pedestrian Type II Barricade, Temp	8120026	106.000	Ea
0610	Pedestrian Type II Channelizer, Temp	8120027	1,056.000	Ft
0620	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	714.000	Ea
0630	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	714.000	Ea
0640	Lighted Arrow, Type B, Furn	8120130	12.000	Ea
0650	Lighted Arrow, Type B, Oper	8120131	12.000	Ea
0660	Ltg for Night Work	8120160	1.000	LSUM
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Mobile Attenuator	8120180	2.000	Ea
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	22,932.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	34,705.000	Ft

	Yellow, Temp			
0710	Plastic Drum, Fluorescent, Furn	8120252	110.000	Ea
0720	Plastic Drum, Fluorescent, Oper	8120253	110.000	Ea
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	1,946.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	594.000	Ft
0750	Sign Cover	8120310	66.000	Ea
0760	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0770	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	1,967.000	Sft
0790	Sign, Type B, Temp, Prismatic, Oper	8120351	1,967.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	581.000	Ft
0820	Slope Restoration, Type A	8160100	1,000.000	Syd
0830	Conduit, DB, 1, 1 1/2 inch	8190027	435.000	Ft
0840	Conduit, DB, 3, 3 inch	8190035	100.000	Ft
0850	Conduit, Rem	8190140	80.000	Ft
0860	Hh, Rem	8190254	2.000	Ea
0870	Hh, Round	8190260	8.000	Ea
0880	Case Sign, Rem	8200020	18.000	Ea
0890	Controller and Cabinet, Rem	8200030	3.000	Ea
0900	Pedestal Fdn, Rem	8200106	1.000	Ea
0910	Pushbutton and Sign	8200121	20.000	Ea
0920	Pushbutton, Rem	8200122	16.000	Ea
0930	Pushbutton Pedestal, Rem	8200124	1.000	Ea
0940	Span Wire Tether	8200142	12.000	Ea
0950	Traf Loop	8200170	15.000	Ea
0960	TS, Bracket Arm Mtd, Rem	8200175	9.000	Ea
0970	TS, Span Wire Mtd, Rem	8200182	16.000	Ea
0980	Cabinet, NEMA Type	8200186	3.000	Ea
0990	TS, One Way Span Wire Mtd (LED)	8200313	1.000	Ea
1000	TS, One Way Span Wire Mtd, FYA (LED)	8200314	9.000	Ea
1010	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	5.000	Ea
1020	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	9.000	Ea
1030	TS Head, Adj	8200452	8.000	Ea
1040	TS Face, Bag	8200458	20.000	Ea
1050	TS Face, Bag, Rem	8200459	20.000	Ea
1060	Backplate, TS	8200501	45.000	Ea
1070	_ Controller, NEMA, ATC Type	8207050	3.000	Ea
1080	_ Pushbutton Support Post	8207050	20.000	Ea
1090	_ Support Post, Rem	8207050	4.000	Ea
1100	Gate Box, Adj, Case 2	8230432	7.000	Ea
1110	Contractor Staking, Road Only	8240007	1.000	LSUM

1120	Staking Plan Errors and Extras, One Person	8240020	19.000	Hr
1130	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
1140	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 051

Letting Date: March 5, 2021

Contract ID: 08000-206895

Description: Application of countywide pavement markings on various routes, Barry County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206895A	21A0231	N/A	STL 08000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,300.00	1500001	1.000	LSUM
0020	_ Pavt Mrkg, Waterborne, 4 inch, White, Modified	8117001	3,485,496.000	Ft
0030	_ Pavt Mrkg, Waterborne, 4 inch, Yellow, Modified	8117001	2,368,733.000	Ft
0040	Minor Traf Devices	8120170	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 052**Letting Date:** March 5, 2021**Contract ID:** 41000-204918

Description: 1.09 mi of hot mix asphalt shared use path, concrete curb and gutter, culverts and restoration along 17 Mile Road from Red Hawk Drive to Ritchie Avenue and along Ritchie Avenue from 17 Mile Road to Becker Street, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204918A	20A1129	N/A	TAU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	17.000	Ft
0030	Pavt, Rem	2040050	38.000	Syd
0040	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0050	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0060	_ Project Cleanup, Modified	2097051	1.000	LSUM
0070	Subbase, CIP	3010002	1,730.000	Cyd
0080	Aggregate Base, 6 inch	3020016	8,400.000	Syd
0090	Approach, CI I, CIP	3070002	40.000	Cyd
0100	Shoulder, CI I, 3 inch	3070105	1,100.000	Syd
0110	_ Underdrain Subbase, 6 inch, Modified	4047001	1,000.000	Ft
0120	HMA Surface, Rem	5010005	240.000	Syd
0130	Hand Patching	5010025	10.000	Ton
0140	HMA Approach	5010061	25.000	Ton
0150	Driveway, Nonreinf Conc, 6 inch	8010005	22.000	Syd
0160	Curb and Gutter, Conc, Det F4	8020038	7.000	Ft
0170	Detectable Warning Surface	8030010	32.000	Ft
0180	Curb Ramp Opening, Conc	8030030	10.000	Ft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	577.000	Sft
0200	Sidewalk, Conc, 6 inch	8030046	199.000	Sft
0210	Shared use Path, Grading	8060030	5,850.000	Ft
0220	Shared use Path, HMA	8060040	1,130.000	Ton
0230	Post, Mailbox	8070095	15.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	32.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea

0270	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Plastic Drum, Fluorescent, Furn	8120252	190.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	190.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	304.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	304.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	21.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	21.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	_ Non-Selective Weed Spray Under Asphalt	8167010	71,800.000	Sft
0380	_ Roadside Seeding	8167011	4,000.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 053**Letting Date:** March 5, 2021**Contract ID:** 77000-200392

Description: 0.18 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, drainage and permanent pavement markings on Michigan Street from M-29 to south of Liberty Street in the city of Algonac, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200392A	21A0295	N/A	STUL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	7.000	Ft
0030	Embankment, CIP	2050010	30.000	Cyd
0040	Excavation, Earth	2050016	100.000	Cyd
0050	_ Contaminated Soil Handling and Disposal, LM	2057021	175.000	Cyd
0060	_ Granular Material, CI II, CIP	2057021	175.000	Cyd
0070	_ Subgrade Undercutting, Mod	2057021	60.000	Cyd
0080	_ Contractor-Hired Environmental Subconsultant, Complete	2057051	1.000	LSUM
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0100	_ Aggregate Base, 21AA, Special	3027031	270.000	Ton
0110	_ Geogrid, Special	3087011	360.000	Syd
0120	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0130	Dr Structure Cover, Type K	4030050	2.000	Ea
0140	Dr Structure, Tap, 6 inch	4030306	3.000	Ea
0150	_ Dr Structure Tap, 12 inch, Special	4037050	1.000	Ea
0160	_ Dr Structure, 24 inch Dia, Special	4037050	1.000	Ea
0170	_ Underdrain, Subgrade, Open-Graded, 6 inch, Special	4047001	275.000	Ft
0180	Cold Milling HMA Surface	5010002	3,590.000	Syd
0190	HMA Surface, Rem	5010005	970.000	Syd
0200	HMA Patch, Rem	5010006	50.000	Syd
0210	Hand Patching	5010025	10.000	Ton
0220	HMA, 4E1	5010050	70.000	Ton
0230	HMA, 5E1	5010056	590.000	Ton
0240	HMA Approach	5010061	30.000	Ton
0250	Curb and Gutter, Conc, Det F6	8020040	285.000	Ft
0260	Post, Mailbox	8070095	7.000	Ea

0270	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	4.000	Ea
0280	Pavt Mrkg, Polyurea, Sharrow Symbol	8110115	4.000	Ea
0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	820.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	950.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	820.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	950.000	Ft
0330	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
0340	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0370	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	80.000	Sft
0410	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	80.000	Sft
0420	_ Turf Establishment, Special	8167011	650.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 054**Letting Date:** March 5, 2021**Contract ID:** 16000-205297

Description: 1.85 mi of hot mix asphalt base crushing, shaping, and resurfacing, aggregate base, gravel shoulders and pavement markings on South River Road from south of Wylie Road southeast to Lenz Drive, Cheboygan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205297A	21A0237	N/A	STL 16000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,500.00	1500001	1.000	LSUM
0020	Embankment, LM	2050011	250.000	Cyd
0030	Aggregate Base	3020001	7,185.000	Ton
0040	HMA Base Crushing and Shaping	3050002	37,524.000	Syd
0050	Salv Crushed Material, LM	3050015	200.000	Cyd
0060	Approach, CI I	3070001	350.000	Ton
0070	Approach, CI II	3070021	50.000	Ton
0080	Shoulder, CI II	3070121	1,850.000	Ton
0090	Trenching	3070200	212.000	Sta
0100	HMA Surface, Rem	5010005	310.000	Syd
0110	HMA, 4E1	5010050	5,342.000	Ton
0120	HMA Approach	5010061	212.000	Ton
0130	Post, Mailbox	8070095	24.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,500.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,300.000	Ft
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	800.000	Ft
0200	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0210	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft
0240	_ Slope Restoration	8167011	6,900.000	Syd



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 055**Letting Date:** March 5, 2021**Contract ID:** 41000-205587

Description: 1.32 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramps, drainage structure upgrades, signing and pavement markings on Hall Street from east of Plymouth Avenue easterly to Lake Drive in the city of East Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205587A	21A0178	N/A	STU 41000
205588A	21A0227	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$111,800.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	22.000	Ft
0050	Curb and Gutter, Rem	2040020	2,300.000	Ft
0060	Curb, Rem	2040021	340.000	Ft
0070	Sidewalk, Rem	2040055	1,275.000	Syd
0080	_ Pavt, Rem, Modified	2047011	260.000	Syd
0090	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0100	_ Machine Grading, Modified	2057002	12.000	Sta
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	77.000	Ea
0120	Subbase, CIP	3010002	235.000	Cyd
0130	_ Aggregate Base, 6 inch, Modified	3027011	595.000	Syd
0140	_ Driveway Maintenance, Commercial	3067050	3.000	Ea
0150	_ Driveway Maintenance, Residential	3067050	125.000	Ea
0160	Sewer, CI E, 12 inch, Tr Det B	4020600	16.000	Ft
0170	Dr Structure, 24 inch dia	4030200	1.000	Ea
0180	Dr Structure, 48 inch dia	4030210	2.000	Ea
0190	_ Dr Structure, Reconstruct	4037001	40.000	Ft
0200	_ Dr Structure Cover, Special	4037030	20,000.000	Lb
0210	_ Dr Structure Cover, Adj, Special	4037050	79.000	Ea
0220	Cold Milling HMA Surface	5010002	29,000.000	Syd
0230	Hand Patching	5010025	195.000	Ton
0240	HMA, 4E1	5010050	470.000	Ton
0250	HMA, 5E1	5010056	3,270.000	Ton
0260	Driveway, Nonreinf Conc, 6 inch	8010005	50.000	Syd

0270	Curb, Conc, Det E2	8020002	400.000	Ft
0280	Driveway Opening, Conc, Det M	8020050	65.000	Ft
0290	_ Curb and Gutter, Conc, Det F4, Modified	8027001	2,000.000	Ft
0300	_ Pedestrian Island End Treatment	8027010	450.000	Sft
0310	Curb Ramp Opening, Conc	8030030	610.000	Ft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	4,275.000	Sft
0330	Sidewalk, Conc, 4 inch	8030044	5,375.000	Sft
0340	Sidewalk, Conc, 6 inch	8030046	800.000	Sft
0350	_ Detectable Warning Surface, Modified	8037001	325.000	Ft
0360	Post, Steel, 3 lb	8100371	140.000	Ft
0370	Sign, Type III, Erect, Salv	8100402	25.000	Ea
0380	Sign, Type IIIA	8100404	59.000	Sft
0390	Sign, Type IIIB	8100405	27.000	Sft
0400	Pavt Mrkg, Polyurea, 4 inch, White	8110091	13,100.000	Ft
0410	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	10,250.000	Ft
0420	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	3,840.000	Ft
0430	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	460.000	Ft
0440	Rem Spec Mrkg	8110343	200.000	Sft
0450	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	9.000	Ea
0460	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0470	_ Pavt Mrkg, Preformed Thermopl, Bike Lane and Arrow Sym	8117050	6.000	Ea
0480	_ Pavt Mrkg, Preformed Thermopl, Sharrow Sym	8117050	35.000	Ea
0490	Barricade, Type III, High Intensity, Lighted, Furn	8120022	32.000	Ea
0500	Barricade, Type III, High Intensity, Lighted, Oper	8120023	32.000	Ea
0510	Pedestrian Type II Barricade, Temp	8120026	36.000	Ea
0520	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	275.000	Ea
0530	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	275.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0590	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0600	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0610	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0620	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	950.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	950.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	225.000	Sft
0660	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	225.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0680	_ Pedestrian Path, Temp	8127001	1,300.000	Ft
0690	_ Pedestrian Ramp, Temp	8127050	18.000	Ea

0700	_ Dust Control	8127051	1.000	LSUM
0710	_ Turf Watering	8157050	20.000	Ea
0720	_ Turf Establishment	8167011	2,950.000	Syd
0730	Monument Box	8210001	4.000	Ea
0740	Monument Preservation	8210010	4.000	Ea
0750	_ Valve Box, Adjust	8237050	31.000	Ea
0760	_ Valve Box, Furnish	8237050	20.000	Ea
0770	_ Underground Sprinkling Systems, Restore	8507060	10,000.000	Dlr



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 056**Letting Date:** March 5, 2021**Contract ID:** 58000-205458

Description: 7.40 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on Tuttle Hill Road between Ostrander Road and Oakville Waltz Road, on Bluebush Road from Rainsville Road to Stewart Road and on Stewart Road from Bluebush Road to Park West Drive, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205458A	21A0180	N/A	STL 58000
205869A	21A0108	N/A	STUL 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$96,600.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	800.000	Ton
0030	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0040	Cold Milling HMA Surface	5010002	30,000.000	Syd
0050	Pavt for Butt Joints, Rem	5010008	700.000	Syd
0060	HMA, 5E1	5010056	5,200.000	Ton
0070	HMA Approach	5010061	300.000	Ton
0080	_ HMA, Ultra-Thin, Medium Volume	5017031	3,800.000	Ton
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	78,000.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	37,000.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	78,000.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	37,000.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0150	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,600.000	Ft
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	802.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	802.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 057**Letting Date:** March 5, 2021**Contract ID:** 21000-205816**Description:** 2.60 mi of hot mix asphalt overlay, shoulder aggregate and pavement markings on 21st Road (County Road 418) from County Road 416 to County Road 426, Delta County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205816A	21A0193	N/A	STL 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,200.00	1500001	1.000	LSUM
0020	Maintenance Gravel, LM	3060021	10.000	Cyd
0030	Approach, CI I, LM	3070003	10.000	Cyd
0040	Approach, CI II, LM	3070023	45.000	Cyd
0050	Shoulder, CI II, LM	3070123	425.000	Cyd
0060	HMA Surface, Rem	5010005	204.000	Syd
0070	HMA, 4E1	5010050	4,070.000	Ton
0080	HMA Approach	5010061	28.000	Ton
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,428.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,714.000	Ft
0110	Witness, Log, \$1,000.00 Max.	8110350	1,000.000	Dlr
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	392.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	392.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 058**Letting Date:** March 5, 2021**Contract ID:** 35000-207414

Description: 0.85 mi of hot mix asphalt widening and surfacing, aggregate shoulders and pavement markings on Kings Corner Road from Birch Acres Road to Love Road, Iosco County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207414A	21A0266	N/A	STUL 35000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$18,000.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	10.000	Ton
0030	_ Trenching, Modified	3077002	90.000	Sta
0040	_ Shoulder CI II, Modified	3077031	840.000	Ton
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	HMA, 13A	5010033	1,960.000	Ton
0070	HMA Approach	5010061	5.000	Ton
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,925.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,120.000	Ft
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	360.000	Ft
0140	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0150	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	260.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	260.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0190	Monument Box	8210001	3.000	Ea



2/12/2021 9:23 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 059**Letting Date:** March 5, 2021**Contract ID:** 52000-208079

Description: Bridge rehabilitation includes deck repairs, replace abutment pile caps, bearing repairs, guardrail and approach work on County Road 607 over Peshekee River, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208079A	21A0271	N/A	MCS 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$27,486.78	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	280.000	Ft
0030	Embankment, CIP	2050010	10.000	Cyd
0040	Excavation, Earth	2050016	470.000	Cyd
0050	Subgrade Manipulation	2050035	280.000	Syd
0060	Erosion Control, Silt Fence	2080036	750.000	Ft
0070	Subbase, CIP	3010002	320.000	Cyd
0080	Aggregate Base, 8 inch	3020020	330.000	Syd
0090	Aggregate Surface Cse, 8 inch	3060012	530.000	Syd
0100	Shoulder, CI II, 3 inch	3070125	220.000	Syd
0110	HMA, 4E3	5010051	40.000	Ton
0120	HMA, 5E3	5010057	30.000	Ton
0130	Guardrail, Type B	8070000	25.000	Ft
0140	Guardrail, Curved, Type B	8070010	25.000	Ft
0150	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0160	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0170	Guardrail Reflector	8070080	40.000	Ea
0180	_ Guardrail Anchorage-Bridge, Nested Type	8077050	4.000	Ea
0190	Delineator Reflector, Green	8100133	4.000	Ea
0200	Post, Rigid, Delineator	8100361	4.000	Ea
0210	Post, Steel, 3 lb	8100371	120.000	Ft
0220	Sign, Type III, Rem	8100403	4.000	Ea
0230	Sign, Type IIIA	8100404	12.000	Sft
0240	Sign, Type IIIB	8100405	18.000	Sft
0250	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0260	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	120.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	120.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	Riprap, Plain	8130010	100.000	Syd
0340	Slope Restoration, Type C	8160102	200.000	Syd

Section: 2

0350	Structures, Rem Portions	2040061	1.000	LSUM
0360	Backfill, Structure, CIP	2060002	20.000	Cyd
0370	Excavation, Fdn	2060010	100.000	Cyd
0380	Erosion Control, Filter Bag	2080014	2.000	Ea
0390	Erosion Control, Turbidity Curtain, Shallow	2080044	100.000	Ft
0400	False Decking	7060060	1,080.000	Sft
0410	Superstructure Conc	7060110	5.000	Cyd
0420	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0430	Bearing, Elastomeric, 2 inch	7070016	1,056.000	Sin
0440	Hardware, Misc.	7090010	1.000	LSUM
0450	_ Bridge Railing, Guardrail Type	7117001	138.000	Ft
0460	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	21,000.000	Lb
0470	_ Support, Superstructure, Temp	7137051	1.000	LSUM
0480	Field Repair of Damaged Coating	7160001	1.000	LSUM
0490	_ Riprap, Special, Class II	8137011	100.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 210305 060

Letting Date: March 5, 2021

Contract ID: 47000-211378

Description: 4.10 mi of hot mix asphalt cold milling and resurfacing, surface repairs for concrete joints or cracks and pavement markings on Grand River Avenue from the east city limits of Fowlerville east to Burkhart Road, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211378A	N/A	N/A	EDD 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$101,500.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0040	Shoulder, CI II	3070121	2,500.000	Ton
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	Cold Milling HMA Surface	5010002	88,024.000	Syd
0070	Pavt Joint and Crack Repr, Det 7	5010020	1,100.000	Ft
0080	Hand Patching	5010025	55.000	Ton
0090	HMA, 5E3	5010057	6,812.000	Ton
0100	HMA Approach	5010061	450.000	Ton
0110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	36.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	49,194.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	27,508.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	49,194.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	27,508.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	125.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	125.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,760.000	Ft
0280	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0300	Sign Cover	8120310	10.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 210305 061

Letting Date: March 5, 2021

Contract ID: 33000-205862

Description: 0.84 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb, gutter and ramps and pavement markings on Abbot Road from Lake Lansing Road to Saginaw Street 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
205862A	21A0288	N/A	STU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$162,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	360.000	Ft
0040	Curb and Gutter, Rem	2040020	4,343.000	Ft
0050	Pavt, Rem	2040050	1,082.000	Syd
0060	Sidewalk, Rem	2040055	515.000	Syd
0070	Embankment, CIP	2050010	300.000	Cyd
0080	Excavation, Earth	2050016	1,645.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0100	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	25.000	Ea
0110	Project Cleanup	2090001	1.000	LSUM
0120	Aggregate Base	3020001	3,250.000	Ton
0130	_ HMA Base Crushing and Shaping, Modified	3057011	19,826.000	Syd
0140	_ Approach, CI I, 6 inch, Modified	3077011	1,151.000	Syd
0150	Geotextile, Stabilization	3080010	200.000	Syd
0160	Sewer, CI E, 12 inch, Tr Det B	4020600	47.000	Ft
0170	Sewer Tap, 12 inch	4021204	4.000	Ea
0180	_ Sewer, PVC, 10 inch, Tr Det B	4027001	200.000	Ft
0190	_ Sewer, PVC, 12 inch, Tr Det B	4027001	183.000	Ft
0200	Dr Structure Cover, Adj, Case 1	4030005	47.000	Ea
0210	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0220	Dr Structure Cover, Type B	4030010	5.000	Ea
0230	Dr Structure Cover, Type K	4030050	10.000	Ea
0240	Dr Structure, 48 inch dia	4030210	1.000	Ea
0250	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0260	Dr Structure, Tap, 10 inch	4030310	2.000	Ea
0270	Dr Structure, Tap, 12 inch	4030312	11.000	Ea

0280	_ Dr Structure, Adj, Add Depth, Modified	4037001	20.000	Ft
0290	_ Dr Structure Cover, Type Q, Modified	4037050	15.000	Ea
0300	HMA Surface, Rem	5010005	3,744.000	Syd
0310	HMA, 3E3	5010045	4,413.000	Ton
0320	HMA, 4E3	5010051	6,617.000	Ton
0330	HMA Approach	5010061	282.000	Ton
0340	Driveway, Nonreinf Conc, 6 inch	8010005	112.000	Syd
0350	Driveway, Nonreinf Conc, 8 inch	8010007	932.000	Syd
0360	Curb and Gutter, Conc, Det F4	8020038	3,630.000	Ft
0370	Driveway Opening, Conc, Det M	8020050	701.000	Ft
0380	Curb Ramp Opening, Conc	8030030	121.000	Ft
0390	Sidewalk Ramp, Conc, 6 inch	8030036	1,338.000	Sft
0400	_ Concrete Lateral Wall, 2 to 10 inch Height	8037001	25.000	Ft
0410	_ Detectable Warning Surface, Modified	8037010	94.000	Sft
0420	_ Sidewalk, Conc, 4 inch, Modified	8037010	2,631.000	Sft
0430	_ Sidewalk, Conc, 6 inch, Modified	8037010	679.000	Sft
0440	Post, Steel, 3 lb	8100371	35.000	Ft
0450	Sign, Type IIIA	8100404	40.000	Sft
0460	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,875.000	Ft
0470	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	9,920.000	Ft
0480	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,040.000	Ft
0490	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	125.000	Ft
0500	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	182.000	Ft
0510	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	80.000	Ft
0520	_ Pavt Mrkg, Preformed Thermopl, Bike, Lane/Path	8117050	14.000	Ea
0530	_ Pavt Mrkg, Preformed Thermopl, Direction Arrow Sym, Bike	8117050	14.000	Ea
0540	_ Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8117050	12.000	Ea
0550	_ Pavt Mrkg, Preformed Thermopl, Merge	8117050	2.000	Ea
0560	_ Pavt Mrkg, Preformed Thermopl, Merge Arrow Sym	8117050	4.000	Ea
0570	_ Pavt Mrkg, Preformed Thermopl, Rt Turn Arrow Sym	8117050	3.000	Ea
0580	_ Pavt Mrkg, Preformed Thermopl, Sharrow Sym	8117050	8.000	Ea
0590	_ Pavt Mrkg, Preformed Thermopl, Thru & Rt Turn Arrow Sym	8117050	3.000	Ea
0600	_ Pavt Mrkg, Preformed Thermopl, Thru Arrow Sym	8117050	11.000	Ea
0610	Barricade, Type III, High Intensity, Lighted, Furn	8120022	16.000	Ea
0620	Barricade, Type III, High Intensity, Lighted, Oper	8120023	16.000	Ea
0630	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0640	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0650	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Plastic Drum, Fluorescent, Furn	8120252	130.000	Ea
0690	Plastic Drum, Fluorescent, Oper	8120253	130.000	Ea
0700	Sign Cover	8120310	5.000	Ea

0710	Sign, Type B, Temp, Prismatic, Furn	8120350	568.000	Sft
0720	Sign, Type B, Temp, Prismatic, Oper	8120351	568.000	Sft
0730	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	194.000	Sft
0740	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	194.000	Sft
0750	Traf Regulator Control	8120370	1.000	LSUM
0760	_ Slope Restoration, Modified	8167051	1.000	LSUM
0770	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0780	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0790	Gate Box, Adj, Case 1	8230431	17.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210305 062

Letting Date: March 5, 2021

Contract ID: 47000-205882

Description: 1.55 mi of hot mix asphalt cold milling, wedging and resurfacing, aggregate shoulders and pavement markings on Pinckney Road from south of Swarthout Road north to Schafer Road, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205882A	21A0241	N/A	STL 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$97,200.00	1500001	1.000	LSUM
0020	_ Machine Grading, Modified	2057002	163.000	Sta
0030	Erosion Control, Silt Fence	2080036	500.000	Ft
0040	Project Cleanup	2090001	1.000	LSUM
0050	Aggregate Base	3020001	430.000	Ton
0060	Maintenance Gravel	3060020	50.000	Ton
0070	Shoulder, CI I	3070101	200.000	Ton
0080	Shoulder, CI II	3070121	2,719.000	Ton
0090	Cold Milling HMA Surface	5010002	20,615.000	Syd
0100	HMA Surface, Rem	5010005	152.000	Syd
0110	Hand Patching	5010025	25.000	Ton
0120	HMA, 4E3	5010051	2,915.000	Ton
0130	HMA, 5E3	5010057	2,296.000	Ton
0140	HMA Approach	5010061	282.000	Ton
0150	_ HMA Wedging	5017031	1,273.000	Ton
0160	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	12.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	17,087.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,567.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	17,087.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,567.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	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, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	250.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,000.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	250.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0330	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0350	Sign Cover	8120310	5.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Slope Restoration, Type B	8160101	11,112.000	Syd
0420	Monument Box Adjust	8210005	3.000	Ea



2/12/2021 9:23 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 063**Letting Date:** March 5, 2021**Contract ID:** 77000-204998

Description: 9.62 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on King Road from Marine City Highway north to Remer Road, Marine City Highway from Starville Road to King Road and Meisner Road from King Road to M-29, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204998A	21A0111	N/A	STL 77000
204999A	21A0197	N/A	STL 77000
210892A	21A0096	N/A	STL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$129,500.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	_ Shoulder, CI II, Modified	3077031	952.000	Ton
0040	Cold Milling HMA Surface	5010002	140,665.000	Syd
0050	HMA Surface, Rem	5010005	168.000	Syd
0060	Hand Patching	5010025	115.000	Ton
0070	HMA, 3E10	5010046	58.000	Ton
0080	HMA, 4E1	5010050	1,723.000	Ton
0090	HMA, 5E3	5010057	4,864.000	Ton
0100	HMA, 5E10	5010058	6,817.000	Ton
0110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	50.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	99.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	17.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	19.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	14.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,464.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	30,815.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	87,086.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	478.000	Ea

0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	478.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	120.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,456.000	Ft
0300	Plastic Drum, Fluorescent, Furn	8120252	443.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	443.000	Ea
0320	Sign Cover	8120310	15.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	1,195.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,195.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	125.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	125.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	_ Monument Box, Special	8217050	27.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210305 064

Letting Date: March 5, 2021

Contract ID: 64141-130495

Description: 0.49 mi of hot mix asphalt cold milling and resurfacing, watermain, sanitary and storm sewer and pavement markings on Park Street from Hancock Street east to 3rd Avenue in the village of Pentwater, Oceana County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130495A	21A0209	N/A	STL 64141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$101,800.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	215.000	Syd
0030	Sidewalk, Rem	2040055	90.000	Syd
0040	_ Fence, Remove & Reinstall	2047001	10.000	Ft
0050	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0060	_ Roadway Grading	2057002	29.000	Sta
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0080	Subbase, CIP	3010002	1,625.000	Cyd
0090	Aggregate Base, 8 inch	3020020	9,780.000	Syd
0100	Maintenance Gravel, LM	3060021	200.000	Cyd
0110	Approach, CI I, 6 inch	3070008	110.000	Syd
0120	Approach, CI II, 6 inch	3070028	205.000	Syd
0130	Sewer, CI II, 12 inch, Tr Det B	4020748	899.000	Ft
0140	Sewer Tap, 24 inch	4021207	2.000	Ea
0150	Trench Undercut and Backfill	4021260	100.000	Cyd
0160	_ Bypass Pumping, Sanitary Sewer	4027051	1.000	LSUM
0170	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0180	Dr Structure Cover, Type B	4030010	6.000	Ea
0190	Dr Structure Cover, Type C	4030015	11.000	Ea
0200	Dr Structure Cover, Type Q	4030065	9.000	Ea
0210	Dr Structure, 24 inch dia	4030200	5.000	Ea
0220	Dr Structure, 48 inch dia	4030210	6.000	Ea
0230	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0240	Dr Structure, Temp Lowering	4030390	6.000	Ea
0250	Cold Milling HMA Surface	5010002	895.000	Syd
0260	HMA Surface, Rem	5010005	9,545.000	Syd
0270	HMA, 13A	5010033	1,855.000	Ton

0280	HMA Approach	5010061	45.000	Ton
0290	Driveway, Nonreinf Conc, 6 inch	8010005	105.000	Syd
0300	Sidewalk Ramp, Conc, 6 inch	8030036	510.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	675.000	Sft
0320	_ Detectable Warning Surface, DI	8037001	95.000	Ft
0330	Curb Sloped, HMA	8050010	2,045.000	Ft
0340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	705.000	Ft
0350	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
0360	Pavt Mrkg, Waterborne, 4 inch, White	8110231	480.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	635.000	Ft
0380	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	55.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0410	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	460.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	460.000	Sft
0470	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	60.000	Sft
0480	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	60.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	_ HMA Catch Basin Spillway	8147050	8.000	Ea
0510	_ Surface Restoration	8167011	5,000.000	Syd
0520	Monument Box	8210001	9.000	Ea
0530	Monument Preservation	8210010	9.000	Ea
0540	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	100.000	Ft
0550	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	2,910.000	Ft
0560	_ Water Service, 1 inch	8237001	680.000	Ft
0570	_ Water Service, 2 inch	8237001	40.000	Ft
0580	_ 45 Deg Bend, 6 inch	8237050	4.000	Ea
0590	_ 45 Deg Bend, 8 inch	8237050	32.000	Ea
0600	_ 8 Inch x 6 Inch Reducer	8237050	5.000	Ea
0610	_ 8 Inch x 8 Inch x 6 Inch Tee	8237050	6.000	Ea
0620	_ 8 Inch x 8 Inch x 8 Inch Tee	8237050	9.000	Ea
0630	_ Connect to Existing Water Main	8237050	13.000	Ea
0640	_ Corp Stop, Curb Stop & Box, 1 inch	8237050	26.000	Ea
0650	_ Corp Stop, Curb Stop & Box, 2 inch	8237050	1.000	Ea
0660	_ Cut & Plug Existing Water Main	8237050	13.000	Ea
0670	_ Gate Box, Remove	8237050	10.000	Ea
0680	_ Gate Valve & Box, 6 inch	8237050	6.000	Ea
0690	_ Gate Valve & Box, 8 inch	8237050	21.000	Ea
0700	_ Hydant	8237050	6.000	Ea

0710	_ Remove Hydrant	8237050	6.000	Ea
0720	_ Water Service, Connect	8237050	27.000	Ea
0730	_ San Sewer, 10 inch, Tr Det B	8257001	382.000	Ft
0740	_ San Sewer, 8 inch, Tr Det B	8257001	2,111.000	Ft
0750	_ Sanitary Lateral, 6 inch	8257001	660.000	Ft
0760	_ Sanitary Lateral, 8 inch	8257001	15.000	Ft
0770	_ Sanitary Sewer, Rem	8257001	30.000	Ft
0780	_ Connect to Ex Sanitary Sewer	8257050	5.000	Ea
0790	_ Dr Structure Tap, Sanitary, 6 inch	8257050	4.000	Ea
0800	_ Dr Structure Tap, Sanitary, 8 inch	8257050	2.000	Ea
0810	_ San Drop MH, 48 inch Dia	8257050	1.000	Ea
0820	_ San MH, 48 inch Dia	8257050	8.000	Ea
0830	_ Sanitary Lateral Repair	8257050	5.000	Ea
0840	_ Sanitary Lateral, Reconnect	8257050	28.000	Ea
0850	_ Wye, 8 inch x 6 inch	8257050	23.000	Ea
0860	_ Wye, 8 inch x 8 inch	8257050	1.000	Ea
0870	Flowable Fill, Non-Structural	8260148	10.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 210305 065

Letting Date: March 5, 2021

Contract ID: 13000-206803

Description: 1.60 mi of fog seal and single chip seal on Emmet Street from Hazel Street to M-66 in the city of Battle Creek, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206803A	21A0315	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$18,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	200.000	Ft
0030	Sidewalk, Rem	2040055	360.000	Syd
0040	Hand Patching	5010025	5.000	Ton
0050	_ Fog Seal, Spec.	5057011	33,860.000	Syd
0060	_ Seal, Single Chip, Type CST	5057011	33,860.000	Syd
0070	Conc Base Cse, Nonreinf, 6 inch	6020015	23.000	Syd
0080	_ Conc. Curb, Match Ex., Mod.	8027001	200.000	Ft
0090	Detectable Warning Surface	8030010	149.000	Ft
0100	Curb Ramp Opening, Conc	8030030	200.000	Ft
0110	Sidewalk Ramp, Conc, 6 inch	8030036	3,205.000	Sft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,865.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	23,968.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,865.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	23,968.000	Ft
0160	_ Pavt Mrkg, Waterborne, 12 inch Crosswalk	8117001	1,120.000	Ft
0170	_ Pavt Mrkg, Waterborne, 24 inch Stop Bar	8117001	118.000	Ft
0180	_ Pavt Mrkg, Waterborne, 6 inch Crosswalk	8117001	704.000	Ft
0190	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	35.000	Ea
0200	_ Pavt Mrkg, Waterborne, School Sym	8117050	1.000	Ea
0210	_ Pavt Mrkg, Waterborne, Sm Bike Arrow	8117050	37.000	Ea
0220	_ Pavt Mrkg, Waterborne, Sm Bike Sym	8117050	37.000	Ea
0230	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	125.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	125.000	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	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	125.000	Ea
0300	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	362.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	_ Vehicle Towing, Special	8127050	3.000	Ea
0350	_ Turf Establishment, Special, Hydroseed	8167011	240.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 210305 066

Letting Date: March 5, 2021

Contract ID: 63000-207794

Description: 9.30 mi of concrete slab replacement, concrete curb, gutter and sidewalk ramps on Big Beaver Road from west of Livernois Road easterly to Livernois Road, Big Beaver Road from Rochester Road to Dequindre Road, John R Road from Maple Road to Long Lake Road, and Livernois Road from Wattles Road to Long Lake Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207794A	21A0316	N/A	ST 63000
210033A	21A0301	N/A	EMRP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Locked Incentive Date	1077060	75,000.000	Dir
0020	Mobilization, Max \$770,000.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	1,890.000	Ft
0040	Pavt, Rem	2040050	7,888.000	Syd
0050	Sidewalk, Rem	2040055	212.000	Syd
0060	_ Excavation, Earth, RCOC	2047011	3,692.000	Syd
0070	_ Pavt, Rem, Special	2047011	2,333.000	Syd
0080	_ Subgrade Undercutting, 21AA	2057021	1,000.000	Cyd
0090	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	381.000	Ea
0100	Aggregate Base, Conditioning	3020050	7,839.000	Syd
0110	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	299.000	Syd
0120	_ Aggregate Base, 6 inch, 21AA, RCOC	3027011	77.000	Syd
0130	_ Aggregate Base, 21AA, RCOC	3027031	50.000	Ton
0140	Maintenance Gravel	3060020	150.000	Ton
0150	Dr Structure Cover, Adj, Case 1	4030005	153.000	Ea
0160	Dr Structure Cover, Type B	4030010	13.000	Ea
0170	Dr Structure Cover, Type J	4030045	25.000	Ea
0180	Dr Structure, Adj, Add Depth	4030280	306.000	Ft
0190	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0200	_ Public Utility Structure, Adj, Add Depth	4037001	136.000	Ft
0210	_ Public Utility Structure Cover	4037050	14.000	Ea
0220	_ Public Utility Structure Cover, Adj, Case 1	4037050	67.000	Ea
0230	_ Public Utility Structure Cover, Adj, Case 2	4037050	1.000	Ea
0240	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	200.000	Ft
0250	Cold Milling HMA Surface	5010002	793.000	Syd
0260	Hand Patching	5010025	30.000	Ton

0270	HMA, 5E3	5010057	66.000	Ton
0280	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0290	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	3,575.000	Syd
0300	Conc Pavt, Nonreinf, 10 inch	6020108	6,426.000	Syd
0310	Joint, Plane-of-Weakness, W	6020211	44,165.000	Ft
0320	Pavt Gapping	6020215	864.000	Ft
0330	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	165.000	Syd
0340	Joint, Contraction, Crg	6030020	30,719.000	Ft
0350	Lane Tie, Epoxy Anchored	6030030	47,528.000	Ea
0360	Pavt Repr, Nonreinf Conc, 10 inch	6030048	9,479.000	Syd
0370	Pavt Repr, Nonreinf Conc, 11 inch	6030050	39,769.000	Syd
0380	Pavt Repr, Rem	6030080	54,647.000	Syd
0390	Saw Cut, Intermediate	6030090	70,681.000	Ft
0400	_ Pavt Repr with Integral Curb, Nonreinf Conc, 10 inch	6037011	4,623.000	Syd
0410	Reinforcement, Steel, Epoxy Coated	7060092	3,456.000	Lb
0420	Curb and Gutter, Conc, Det B3	8020017	2,221.000	Ft
0430	Curb and Gutter, Conc, Det F3	8020037	170.000	Ft
0440	Curb and Gutter, Conc, Det F5	8020039	815.000	Ft
0450	_ Driveway Opening, Conc, Det M, RCOC	8027001	1,824.000	Ft
0460	Curb Ramp Opening, Conc	8030030	150.000	Ft
0470	Sidewalk Ramp, Conc, 6 inch	8030036	1,068.000	Sft
0480	Sidewalk, Conc, 4 inch	8030044	888.000	Sft
0490	_ Detectable Warning Surface, RCOC	8037001	136.000	Ft
0500	_ Concrete Pavers on Sand Bed	8037010	700.000	Sft
0510	_ Concrete Pavers, Rem and Salv	8037010	700.000	Sft
0520	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,112.000	Ft
0530	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,308.000	Ft
0540	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	10,697.000	Ft
0550	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,400.000	Ft
0560	Rem Curing Compound, for Spec Mrkg	8110321	4,795.000	Sft
0570	Rem Spec Mrkg	8110343	153.000	Sft
0580	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	1,140.000	Ft
0590	_ Pavt Mrkg, Cold Plastic, 24 inch, Crosswalk Line	8117001	650.000	Ft
0600	_ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line	8117001	1,957.000	Ft
0610	_ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol	8117050	16.000	Ea
0620	_ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol	8117050	8.000	Ea
0630	_ Pavt Mrkg, Cold Plastic, School	8117050	1.000	Ea
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	62.000	Ea
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	62.000	Ea
0660	Pedestrian Type II Barricade, Temp	8120026	32.000	Ea
0670	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,636.000	Ea
0680	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,636.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	21.000	Ea

0700	Lighted Arrow, Type C, Oper	8120141	21.000	Ea
0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Pavt Mrkg Cover, Type R, Black	8120200	200.000	Ft
0730	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	11,324.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,560.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	17,958.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	25,929.000	Ft
0770	Plastic Drum, Fluorescent, Furn	8120252	941.000	Ea
0780	Plastic Drum, Fluorescent, Oper	8120253	941.000	Ea
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	15.000	Ea
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0810	Sign Cover	8120310	36.000	Ea
0820	Sign Cover, Type 1	8120320	2.000	Ea
0830	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0840	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0850	Sign, Type B, Temp, Prismatic, Furn	8120350	5,953.000	Sft
0860	Sign, Type B, Temp, Prismatic, Oper	8120351	5,953.000	Sft
0870	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2,604.000	Sft
0880	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2,604.000	Sft
0890	Traf Regulator Control	8120370	1.000	LSUM
0900	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 18 inch, Stop Bar	8127001	141.000	Ft
0910	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8147011	3,352.000	Syd
0920	Conduit, DB, 1, 1 1/4 inch	8190026	60.000	Ft
0930	Conduit, DB, 1, 3 inch	8190029	50.000	Ft
0940	Hh, Round	8190260	2.000	Ea
0950	Case Sign, Rem	8200020	6.000	Ea
0960	Controller and Cabinet, Rem	8200030	1.000	Ea
0970	Digital Loop Detector	8200055	5.000	Ea
0980	Pushbutton and Sign	8200121	8.000	Ea
0990	Pushbutton, Rem	8200122	8.000	Ea
1000	Span Wire	8200140	6.000	Ea
1010	Span Wire, Rem	8200141	6.000	Ea
1020	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1030	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1040	Wireless Vehicle Sensor Node	8200425	4.000	Ea
1050	Wireless Vehicle Sensor Node, Rem	8200426	4.000	Ea
1060	TS Head, Adj	8200452	3.000	Ea
1070	TS Head, Temp	8200453	13.000	Ea
1080	TS Face, Bag	8200458	62.000	Ea
1090	TS Face, Bag, Rem	8200459	62.000	Ea

1100	_ Autoscope Camera, Rem, RCOC	8207050	8.000	Ea
1110	_ Bracket Arm, Rem, RCOC	8207050	8.000	Ea
1120	_ Cabinet, ITS Type, Delivered, RCOC	8207050	1.000	Ea
1130	_ Cabinet, ITS Type, RCOC	8207050	1.000	Ea
1140	_ Case Sign, One Way, 12 inch and 27 inch, Non-Illuminated, RCOC	8207050	4.000	Ea
1150	_ Case Sign, One Way, 24 inch and 30 inch, Non-Illuminated, Salv, RCOC	8207050	2.000	Ea
1160	_ Controller, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1170	_ Pushbutton Support Post, RCOC	8207050	7.000	Ea
1180	_ Traffic Loop, Presence (Preformed), RCOC	8207050	17.000	Ea
1190	_ Valve Box, Adj, Case 1	8237050	2.000	Ea
1200	_ Sprinkler Line	8507001	4,300.000	Ft
1210	_ Sprinkler Head, Relocate	8507050	300.000	Ea
1220	_ Sprinkler Head, Replace	8507050	310.000	Ea
1230	_ Reimbursed Permit Fees	8507060	2,850.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 210305 067

Letting Date: March 5, 2021

Contract ID: 82000-208667

Description: 4.00 mi of traffic signal modernization including wireless interconnect on Hubbell Avenue from Schoolcraft Road to Puritan Street and Puritan Street from Southfield Freeway to Linwood Road in the city of Detroit, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208667A	21A0263	N/A	CPMG 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$148,200.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	25.000	Syd
0030	_ Curb, Rem, Modified	2047001	125.000	Ft
0040	_ Sidewalk, Rem, Modified	2047011	155.000	Syd
0050	Excavation, Earth	2050016	40.000	Cyd
0060	Granular Material, CI II	2050023	40.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	26.000	Cyd
0080	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0090	HMA Surface, Rem	5010005	25.000	Syd
0100	Curb and Gutter, Conc, Det C3	8020022	41.000	Ft
0110	Detectable Warning Surface	8030010	45.000	Ft
0120	Curb Ramp Opening, Conc	8030030	84.000	Ft
0130	Sidewalk Ramp, Conc, 6 inch	8030036	450.000	Sft
0140	Sidewalk, Conc, 4 inch	8030044	770.000	Sft
0150	Sidewalk, Conc, 6 inch	8030046	175.000	Sft
0160	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	265.000	Ft
0170	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	440.000	Ft
0180	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	124.000	Ft
0190	Rem Spec Mrkg	8110343	350.000	Sft
0200	_ Recessing for Pavt Mrkg, 06 inch	8117001	265.000	Ft
0210	_ Recessing for Pavt Mrkg, 12 inch	8117001	440.000	Ft
0220	_ Recessing for Pavt Mrkg, 18 inch	8117001	124.000	Ft
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0250	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	6.000	Ea

0270	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0300	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,400.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,400.000	Sft
0330	Cable Pole, TS and Sec, Disman	8190009	3.000	Ea
0340	Cable Pole, TS, Disman	8190010	3.000	Ea
0350	Cable, Rem	8190016	2,110.000	Ft
0360	Cable, Sec, Rem	8190017	2,350.000	Ft
0370	Conduit, Rem	8190140	15.000	Ft
0380	Hh, Rem	8190254	2.000	Ea
0390	Light Std Arm, Install Salv	8190276	2.000	Ea
0400	Light Std Arm, Rem and Salv	8190278	2.000	Ea
0410	Luminaire, Install Salv	8190350	2.000	Ea
0420	Luminaire, Rem and Salv	8190365	2.000	Ea
0430	Cable, Sec, 600V, 1, 3/C#6	8190399	2,450.000	Ft
0440	Wood Pole, Cl 4, 40 foot	8190473	4.000	Ea
0450	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0460	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0470	Wood Pole, Rem	8190505	7.000	Ea
0480	_ Cable, P.J., 600V, 1, 3/C#16	8197001	510.000	Ft
0490	_ Cable, P.J., 600V, 1, 7/C#16	8197001	1,600.000	Ft
0500	_ Conduit, Encased, 2, 3 inch, Modified	8197001	117.000	Ft
0510	_ Conduit, Encased, 3, 4 inch, Modified	8197001	155.000	Ft
0520	_ Hh, Clean	8197050	7.000	Ea
0530	_ Hh, Round, Detroit	8197050	5.000	Ea
0540	_ Hh, Type D, Detroit	8197050	2.000	Ea
0550	Case Sign, Rem	8200020	4.000	Ea
0560	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	10.000	Ea
0570	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0580	Controller and Cabinet, Rem	8200030	14.000	Ea
0590	Controller Fdn, Base Mount	8200045	12.000	Ea
0600	Controller Fdn, Rem	8200046	7.000	Ea
0610	Fdn, Rem	8200065	3.000	Ea
0620	Pedestal Fdn, Rem	8200106	8.000	Ea
0630	Pedestal, Rem	8200110	12.000	Ea
0640	Serv Disconnect	8200135	11.000	Ea
0650	Span Wire	8200140	38.000	Ea
0660	Span Wire, Rem	8200141	18.000	Ea
0670	Steel Pole, Rem	8200145	3.000	Ea
0680	Strain Pole, Steel, Anchor Base, 30 foot	8200155	14.000	Ea
0690	Strain Pole, Steel, Anchor Fdn	8200165	14.000	Ea
0700	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
0710	TS, Pedestal Mtd, Rem	8200179	2.000	Ea

0720	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	41.000	Ea
0730	TS, Pedestrian, Pedestal Mtd, Rem	8200181	20.000	Ea
0740	TS, Span Wire Mtd, Rem	8200182	45.000	Ea
0750	TS, One Way Span Wire Mtd (LED)	8200313	86.000	Ea
0760	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0770	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
0780	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	19.000	Ea
0790	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	30.000	Ea
0800	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
0810	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0820	Bracket, Truss, With 18 Foot Arm	8200378	17.000	Ea
0830	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0840	Casing	8200480	60.000	Ft
0850	_ Conduit Repr, Under Pavt, Modified	8207001	50.000	Ft
0860	_ Conduit Repr, Under Sidewalk or Earth, Modified	8207001	50.000	Ft
0870	_ Cellular Data Service for 3 Year	8207050	16.000	Ea
0880	_ Cellular Data Streaming for 2 hours per month and for 3 Year	8207050	16.000	Ea
0890	_ Controller and Cabinet, Digital Type, ITS	8207050	16.000	Ea
0900	_ Ethernet Long-Range Extender	8207050	1.000	Ea
0910	_ Louvered Backplate	8207050	90.000	Ea
0920	_ Pedestal Alum, Modified	8207050	4.000	Ea
0930	_ Steel Pole, Paint	8207050	11.000	Ea
0940	_ Video Capture and Streaming System	8207050	18.000	Ea
0950	_ Video Detection and Analytics System	8207050	16.000	Ea
0960	_ Wireless Data Acquisition and Alerts System, Rem	8207050	5.000	Ea
0970	_ Wireless Data Acquisition, Alerts and Analytics System	8207050	16.000	Ea



2/12/2021 9:23 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 068**Letting Date:** March 5, 2021**Contract ID:** 63000-202467-2

Description: 1.20 mi of hot mix asphalt shared use path, concrete curb and gutter, sidewalk, sidewalk ramps, culverts, drainage, pedestrian signals and retaining walls on Joslyn Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202467A	20A0810	N/A	TA 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	14,874.000	Dlr
0020	Mobilization, Max \$176,700.00	1500001	1.000	LSUM
0030	_ Clearing, Brush	2017002	4.000	Sta
0040	Tree, Rem, 19 inch to 36 inch	2020002	9.000	Ea
0050	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	34.000	Ea
0070	_ Shrub, Rem	2027050	2.000	Ea
0080	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0090	Curb and Gutter, Rem	2040020	546.000	Ft
0100	Fence, Rem	2040025	70.000	Ft
0110	Guardrail, Rem	2040035	38.000	Ft
0120	Pavt, Rem	2040050	2,134.000	Syd
0130	Sidewalk, Rem	2040055	9.000	Syd
0140	_ Station Grading, Boardwalk	2077002	2.000	Sta
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0160	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0170	_ Soil Stabilization System	2087011	286.000	Syd
0180	_ Aggregate Base, 21AA, Limestone, 4 inch	3027011	4,985.000	Syd
0190	_ Aggregate Base, 21AA, Limestone, 6 inch	3027011	15.000	Syd
0200	_ Aggregate Base, 21AA, Limestone, 8 inch	3027011	178.000	Syd
0210	_ Shoulder, 9 inch, Modified	3077011	486.000	Syd
0220	Culv End Sect, 12 inch	4010012	1.000	Ea
0230	Culv End Sect, 18 inch	4010018	1.000	Ea
0240	Culv, CI A, 12 inch	4010131	634.000	Ft
0250	Culv, CI A, 18 inch	4010133	10.000	Ft
0260	_ Culv, CI A, 8 inch	4027001	14.000	Ft
0270	Dr Structure Cover, Type K	4030050	7.000	Ea

0280	Dr Structure, 48 inch dia	4030210	7.000	Ea
0290	Dr Structure, Cleaning	4030290	56.000	Ea
0300	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0310	_ Structure Cover, Adj	4037050	20.000	Ea
0320	Hand Patching	5010025	58.000	Ton
0330	_ HMA, Driveway, 3 inch	5017011	1,149.000	Syd
0340	_ HMA, 4 inch	5017031	109.000	Ton
0350	Conc, Grade P1	6020030	360.000	Cyd
0360	_ Helical Pile, Additional 7' Section	7057050	20.000	Ea
0370	_ Helical Pile, Load Test	7057050	1.000	Ea
0380	_ Steel Helical Pile	7057050	33.000	Ea
0390	_ Subgrade Undercutting, Modified	7067021	271.000	Cyd
0400	_ Pressure Treated Boardwalk	7097001	130.000	Ft
0410	_ Wood Safety Rail	7097001	190.000	Ft
0420	_ Modular Block Retaining Wall	8007010	1,246.000	Sft
0430	Curb and Gutter, Conc, Det B2	8020016	392.000	Ft
0440	Driveway Opening, Conc, Det M	8020050	516.000	Ft
0450	Detectable Warning Surface	8030010	388.000	Ft
0460	Curb Ramp Opening, Conc	8030030	272.000	Ft
0470	_ Sidewalk, Ramp, Conc, 6 inch, Modified	8037010	6,727.000	Sft
0480	_ Sidewalk, Conc, 4 inch, Modified	8047010	43,949.000	Sft
0490	Shared use Path, HMA	8060040	696.000	Ton
0500	_ Shared use Path, Grading, Modified	8067001	3,424.000	Ft
0510	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0520	Post, Steel, 3 lb	8100371	35.000	Ft
0530	Sign, Type III, Rem	8100403	8.000	Ea
0540	Sign, Type IIIA	8100404	32.000	Sft
0550	Sign, Type IIIB	8100405	162.000	Sft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0580	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0590	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0600	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0610	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0620	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	225.000	Ft
0650	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0660	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0670	Sign Cover	8120310	1.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	310.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	310.000	Sft
0700	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	185.000	Sft

0710	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	185.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	Riprap, Plain	8130010	24.000	Syd
0740	_ Shrub, Replacement	8157050	2.000	Ea
0750	_ Tree, Replacement	8157050	21.000	Ea
0760	_ Site Preparation, Modified	8157051	1.000	LSUM
0770	Mulch Blanket, High Velocity	8160028	220.000	Syd
0780	Sodding	8160055	951.000	Syd
0790	_ Topsoil, Seed, and Mulch, 3 inch	8167011	18,000.000	Syd
0800	Conduit, DB, 1, 1 1/4 inch	8190026	20.000	Ft
0810	Conduit, DB, 1, 3 inch	8190029	5.000	Ft
0820	Hh, Round	8190260	1.000	Ea
0830	Pedestal, Alum	8200100	6.000	Ea
0840	Pedestal, Fdn	8200105	6.000	Ea
0850	Pushbutton and Sign	8200121	6.000	Ea
0860	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	6.000	Ea
0870	_ Pushbutton Support Post, RCOC	8207050	2.000	Ea
0880	Hydrant, Rem	8230091	1.000	Ea
0890	Water Shutoff, Adj, Case 2	8230422	40.000	Ea
0900	_ Fire Hydrant, Modified	8237050	1.000	Ea



2/12/2021 9:23 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 069**Letting Date:** March 5, 2021**Contract ID:** 82000-207699

Description: Bridge rehabilitation includes deck patching, replace expansion joint, concrete surface coating and approach work on Plymouth Road over Rouge River in the city of Detroit, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207699A	21A0312	N/A	BHT 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,400.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	4.000	Ea
0030	Guardrail, Rem	2040035	436.000	Ft
0040	Pavt, Rem	2040050	15.000	Syd
0050	Erosion Control, Filter Bag	2080014	4.000	Ea
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0070	Erosion Control, Silt Fence	2080036	550.000	Ft
0080	Geotextile, Separator	3080005	70.000	Syd
0090	Conc Pavt, Ovly, Finishing and Curing	6020150	800.000	Syd
0100	Conc Pavt, Ovly, Furnishing and Placing	6020151	70.000	Cyd
0110	Cold Milling Conc Pavt	6030014	800.000	Syd
0120	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0130	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,500.000	Ft
0140	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	4,500.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0170	Pedestrian Type II Barricade, Temp	8120026	3.000	Ea
0180	Conc Barrier Reflector Replacement	8120070	100.000	Ea
0190	Conc Barrier, Temp, Relocated	8120083	480.000	Ft
0200	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,200.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	7,800.000	Ft
0250	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	9,600.000	Ft

0260	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0300	Site Preparation, Max \$1,000.00	8150001	1.000	LSUM
0310	Mulch	8160025	300.000	Syd
0320	Seeding, Mixture CR	8160035	70.000	Lb
0330	Sodding	8160055	300.000	Syd

Section: 2

0340	Sidewalk, Rem	2040055	291.000	Syd
0350	Conc, Grade D	7060010	40.000	Cyd
0360	Expansion Joint Device	7060050	341.000	Ft
0370	Expansion Joint Device, Cover Plate	7060051	40.000	Ft
0380	False Decking	7060060	13,200.000	Sft
0390	Reinforcement, Steel, Epoxy Coated	7060092	17,468.000	Lb
0400	Substructure Conc	7060100	10.000	Cyd
0410	Superstructure Conc	7060110	76.000	Cyd
0420	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0430	Conc Surface Coating	7100011	1,650.000	Syd
0440	_ Bridge Barrier Top Railing, Tube	7117001	17.000	Ft
0450	Scarifying	7120001	1,170.000	Syd
0460	Hand Chipping, Shallow	7120003	400.000	Syd
0470	Hand Chipping, Other Than Deck	7120007	210.000	Cft
0480	Bridge Deck Surface Construction	7120025	1,170.000	Syd
0490	Conc, Silica Fume Modified	7120027	200.000	Cyd
0500	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0510	Deck Joint, Rem	7120071	341.000	Ft
0520	Hydrodemolition, First Pass	7120076	1,170.000	Syd
0530	Hydrodemolition, Second Pass	7120077	1,170.000	Syd
0540	_ Beam End Repair, Latex Modified Conc	7127020	120.000	Cft
0550	Drain Casting, Type 1	7170001	12.000	Ea
0560	Conc Barrier, Temp, Furn	8120081	480.000	Ft
0570	Conc Barrier, Temp, Oper	8120082	480.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 210305 070

Letting Date: March 5, 2021

Contract ID: 39000-207295

Description: Application of special pavement markings on various routes, Branch, Calhoun and Kalamazoo Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207295A	21A0388	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Protection, at Grade Crossing	1077060	1.000	Dlr
0020	Mobilization, Max \$21,000.00	1500001	1.000	LSUM
0030	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	6,214.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	1,061.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,041.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	3,605.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	4,790.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	4.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	32.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	305.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	74.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	32.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	11.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	212.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, School	8110074	46.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	7.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	7.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	15.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	68.000	Ea
0200	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	12.000	Ea
0210	Rem Spec Mrkg	8110343	2,697.000	Sft
0220	Recessing Pavt Mrkg, Transv	8110451	338.000	Sft
0230	Recessing Pavt Mrkg, Guide Line	8110453	110.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	25.000	Ft

0250	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	85.000	Ft
0260	_ Pavt Mrkg, Waterborne, 12 inch, Cross Hatching, White	8117001	1,017.000	Ft
0270	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	261.000	Ft
0280	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	1,166.000	Ft
0290	_ Call Back, Intermediate Transportation, Special Marking, \$4.55	8117003	300.000	Mi
0300	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	300.000	Mi
0310	_ Call Back, Mobilization, Special Marking, \$570.00	8117050	3.000	Ea
0320	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	3.000	Ea
0330	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	6.000	Ea
0340	_ Pavt Mrkg, Waterborne, Only	8117050	1.000	Ea
0350	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	2.000	Ea
0360	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	2.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM



2/5/2021 12:15 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210305 214**Letting Date:** March 5, 2021**Contract ID:** 80023-205077**Description:** 0.38 mi of installing ITS variable speed advisory system on I-94 from I-196 east to 9th Street, Berrien, Van Buren and Kalamazoo Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205077A	21A0265	N/A	NH 80023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$420,400.00	1500001	1.000	LSUM
0020	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0030	Embankment, CIP	2050010	43.000	Cyd
0040	Excavation, Earth	2050016	205.000	Cyd
0050	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0060	Erosion Control, Sediment Trap	2080034	10.000	Ea
0070	Erosion Control, Silt Fence	2080036	500.000	Ft
0080	_ Permeable Runoff Structure	2087001	160.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	Shoulder, CI II, 6 inch	3070128	1,497.000	Syd
0110	Underdrain Outlet, 4 inch	4040091	50.000	Ft
0120	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0130	Underdrain, Outlet Ending, 4 inch	4040111	5.000	Ea
0140	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0150	Temp Casing-Left in Place	7180121	181.000	Ft
0160	Dynamic Message Sign, Fdn	7180200	181.000	Ft
0170	_ Cable, Ethernet, Outdoor	8007001	1,075.000	Ft
0180	_ Conduit, Clean and Test	8007001	400.000	Ft
0190	_ Antenna Support, Install on Dynamic Message Sign	8007050	7.000	Ea
0200	_ Atmospheric Sensor, Air Temperature/Relative Humidity	8007050	9.000	Ea
0210	_ Atmospheric Sensor, Barometric Pressure	8007050	9.000	Ea
0220	_ Atmospheric Sensor, Precipitation	8007050	9.000	Ea
0230	_ Atmospheric Sensor, Ultrasonic Wind	8007050	9.000	Ea
0240	_ Atmospheric Sensor, Visibility	8007050	9.000	Ea
0250	_ Cabinet Modifications	8007050	6.000	Ea
0260	_ Cable Modem, Integrate	8007050	2.000	Ea
0270	_ Cellular Modem, 4G	8007050	3.000	Ea

0280	_ Cellular Modem, Rem and Salv	8007050	2.000	Ea
0290	_ Dynamic Message Sign, Dual, Support Structure	8007050	5.000	Ea
0300	_ Dynamic Message Sign, Full Color, 20 mm, 96 by 400	8007050	12.000	Ea
0310	_ Dynamic Message Sign, Full Color, Retrofit, 20 mm, 96 by 400	8007050	2.000	Ea
0320	_ Field Security Appliance	8007050	3.000	Ea
0330	_ Hh, Clean	8007050	9.000	Ea
0340	_ Managed Field Ethernet Switch, Layer 2, Copper	8007050	8.000	Ea
0350	_ Pavement Sensor, Non-Invasive Condition	8007050	18.000	Ea
0360	_ Power Distribution Unit	8007050	8.000	Ea
0370	_ Rack-Mtd Step-Down Transformer, 15kVA	8007050	1.000	Ea
0380	_ Rack-Mtd Step-Up Transformer, 15kVA	8007050	1.000	Ea
0390	_ Remote Processing Unit	8007050	10.000	Ea
0400	_ Wireless Link, 5.8 GHz, AP	8007050	4.000	Ea
0410	_ Wireless Link, 5.8 GHz, SU	8007050	4.000	Ea
0420	_ Ancillary Conduit Infrastructure	8007051	1.000	LSUM
0430	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0440	_ Cable Internet Co. (Est. Cost to Contractor)	8007060	27,500.000	Dlr
0450	Guardrail, Type MGS-8	8070004	1,513.000	Ft
0460	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
0470	Guardrail Departing Terminal, Type MGS	8070052	7.000	Ea
0480	Guardrail Reflector	8070080	37.000	Ea
0490	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	142.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	142.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Mobile Attenuator	8120180	2.000	Ea
0550	Sign Cover	8120310	8.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,376.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,376.000	Sft
0580	_ Mulch Blanket, Modified	8167011	9,710.000	Syd
0590	Conduit, DB, 1, 3 inch	8190029	2,635.000	Ft
0600	Conduit, DB, 2, 3 inch	8190032	160.000	Ft
0610	Conduit, DB, 3, 3 inch	8190035	245.000	Ft
0620	Conduit, DB, 4, 3 inch	8190038	190.000	Ft
0630	DB Cable, in Conduit, 600V, 1/C#2	8190201	16,065.000	Ft
0640	DB Cable, in Conduit, 600V, 1/C#4	8190207	345.000	Ft
0650	DB Cable, in Conduit, 600V, 1/C#6	8190211	3,915.000	Ft
0660	Cable, Equipment Grounding Wire, 1/C#2	8190232	5,355.000	Ft
0670	Cable, Equipment Grounding Wire, 1/C#4	8190234	115.000	Ft
0680	Cable, Equipment Grounding Wire, 1/C#6	8190236	1,305.000	Ft
0690	Hh, Type D	8190262	7.000	Ea
0700	Light Std Fdn	8190279	1.000	Ea

0710	Light Std, Frangible Transformer Base	8190281	1.000	Ea
0720	Light Std Shaft, 31 foot to 40 foot	8190286	1.000	Ea
0730	Wood Pole, Cl 4, 40 foot	8190473	4.000	Ea
0740	Wood Pole, Fit Up, Sec Cable Pole	8190495	4.000	Ea
0750	Conduit, Directional Bore, 1, 3 inch	8190602	2,570.000	Ft
0760	_ Hh, Round, Electric	8197050	27.000	Ea
0770	Power Co. (Est. Cost to Contractor)	8200116	4,400.000	Dlr
0780	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0790	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
0800	Strain Pole Fdn, 6 Bolt	8200470	14.000	Ft
0810	Casing	8200480	14.000	Ft
0820	_ ITS Cabinet, Ground Mtd	8207050	7.000	Ea
0830	_ ITS Cabinet, Pole Mtd	8207050	1.000	Ea
0840	Contractor Staking, Road Only	8240007	1.000	LSUM
0850	Staking Plan Errors and Extras, One Person	8240020	34.000	Hr
0860	Staking Plan Errors and Extras, Two Person	8240021	14.000	Hr
0870	Staking Plan Errors and Extras, Three Person	8240022	21.000	Hr
0880	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0890	Lightning Protection, Pole	8260021	2.000	Ea
0900	Lightning Protection, Structure, Large Dynamic Message Sign	8260022	12.000	Ea
0910	Dynamic Message Sign, Support Structure	8260025	2.000	Ea
0920	Microwave Vehicle Detection System	8260040	12.000	Ea
0930	Safety Switch, Fusible	8260109	8.000	Ea
0940	Electrical Rack	8260110	9.000	Ea
0950	Uninterruptible Power Supply, ITS Cabinet	8260140	8.000	Ea
0960	Surveillance System, Remote Site, Type A	8260157	7.000	Ea
0970	System Integration and Testing	8260160	1.000	LSUM
0980	_ Power Serv, Overhead, 200A, 120/240V	8267050	4.000	Ea
0990	_ Power Serv, Refurbish, 90A, 120/240V	8267050	1.000	Ea
1000	_ Power Serv, Underground, 100A, 120/240V	8267050	1.000	Ea
1010	_ Power Serv, Underground, 200A, 120/240V	8267050	2.000	Ea