12/23/2020 9:57 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 001 **Letting Date:** February 5, 2021 **Contract ID:** 17033-210022

Description: 8.30 mi of hot mix asphalt cold milling and resurfacing, joint repairs, culverts, ramp extensions, guardrail and pavement markings on I-75 from north of M-80 to north of M-28, Chippewa County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210022A	21A0220	N/A	NH 17033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $1,097,800.00	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, End, Rem, Less than 24 inch	2030005	25.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	6.000	Ea
0060	Guardrail, Rem	2040035	3,028.000	Ft
0070	Pavt, Rem	2040050	2,385.000	Syd
0080	Ditch Cleanout	2050006	2.000	Sta
0090	Embankment, CIP	2050010	8,659.000	Cyd
0100	Excavation, Earth	2050016	34,480.000	Cyd
0110	_ Embankment CIP, Special	2057021	55.000	Cyd
0120	Erosion Control, Check Dam, Stone	2080012	16.000	Ft
0130	Erosion Control, Gravel Filter Berm	2080018	20.000	Ft
0140	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0150	Erosion Control, Sediment Trap	2080034	1.000	Ea
0160	Erosion Control, Silt Fence	2080036	5,457.000	Ft
0170	Subbase, CIP	3010002	7,400.000	Cyd
0180	Aggregate Base	3020001	9,690.000	Ton
0190	Shoulder, Cl II	3070121	12,930.000	Ton
0200	Shoulder, Cl II, Temp	3070170	285.000	Ton
0210	Culv End Sect, 18 inch	4010018	3.000	Ea
0220	Culv End Sect, Grate	4010083	2,405.000	Lb
0230	Culv, Cl E, 18 inch	4010541	250.000	Ft
0240	Culv, Cl E, 54 inch	4010547	48.000	Ft
0250	Culv, Reinf Conc Ellip, HE Cl IV, 48 inch by 76 inch	4010908	46.000	Ft
0260	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	18.000	Ea
0270	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	3.000	Ea
0280	Culv, Slp End Sect, 1 on 4, 54 inch, Transv	4010936	2.000	Ea

0290	Culv, Slp End Sect, 1 on 6, 15 inch, Transv	4010950	1.000	Ea
0300	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 43 inch by 68 inch, Transv	4011066	2.000	Ea
0310	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 48 inch by 76 inch, Transv	4011068	2.000	Ea
0320	Dr Marker Post	4011109	11.000	Ea
0330	_ Culv Adj	4017001	5.000	Ft
0340	_ Culv Cleanout	4017001	446.000	Ft
0350	_ Culv, Reinf Conc Ellip, HE Cl IV, 43 inch by 68 inch	4017001	54.000	Ft
0360	_ Cured-In-Place Pipe Lining, 15 inch	4017001	430.000	Ft
0370	_ Cured-In-Place Pipe Lining, 18 inch	4017001	86.000	Ft
0380	Video Taping Sewer and Culv Pipe	4021275	398.000	Ft
0390	Underdrain, Subbase, 6 inch	4040063	625.000	Ft
0400	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0410	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0420	Cold Milling HMA Surface	5010002	401,613.000	Syd
0430	Bump Grinding	5010004	1,000.000	Syd
0440	HMA Surface, Rem	5010005	13,745.000	Syd
0450	HMA Quality Initiative	5010007	162,576.000	Dlr
0460	Longitudinal Joint Density Quality Initiative	5010018	175,328.000	Dlr
0470	Pavt Joint and Crack Repr, Det 8	5010021	8,664.000	Ft
0480	Hand Patching	5010025	1,795.000	Ton
0490	HMA, 4E3	5010051	34,632.000	Ton
0500	HMA, 5E3	5010057	26,399.000	Ton
0510	HMA Approach	5010061	1,084.000	Ton
0520	HMA, LVSP	5010703	17,378.000	Ton
0530	HMA, Temp Pavt (4E3)	5010805	1,090.000	Ton
0540	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	3,192.000	Ft
0550	_ Ride Incentive	5017060	262,421.000	Dlr
0560	Cold Milling Conc Pavt	6030014	17,490.000	Syd
0570	Steel Sheet Piling, Permanent	7040001	284.000	Sft
0580	Guardrail, Type MGS-8	8070004	3,088.000	Ft
0590	Guardrail Approach Terminal, Type 2M	8070044	17.000	Ea
0600	Guardrail Departing Terminal, Type MGS	8070052	11.000	Ea
0610	Guardrail Reflector	8070080	78.000	Ea
0620	Guardrail Anch, Bridge, Det M7	8070136	6.000	Ea
0630	Delineator Reflector, Red	8100131	77.000	Ea
0640	Delineator Reflector, Yellow	8100132	11.000	Ea
0650	Delineator Reflector, Green	8100133	28.000	Ea
0660	Delineator Reflector, White	8100134	146.000	Ea
0670	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	24.000	Ea
0680	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	8.000	Ea
0690	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	65.000	Ea
0700	Fdn, Wood Support, Rem	8100280	1.000	Ea

0710	Delineator, Rem	8100349	230.000	Ea
0720	Post, Flexible, Delineator	8100360	73.000	Ea
0730	Post, Rigid, Delineator	8100361	185.000	Ea
0740	Post, Wood, 4 inch by 6 inch	8100380	16.000	Ft
0750	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0760	Sign, Type II, Rem	8100397	1.000	Ea
0770	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0780	Recessing Pavt Mrkg, Longit	8110450	227,271.000	Ft
0790	Pavt Mrkg, Wet Retrflec Modified Urethane, 6 inch, White	8110511	22,403.000	Ft
0800	Pavt Mrkg, Modified Urethane, 6 inch, White	8110538	100,887.000	Ft
0810	Pavt Mrkg, Modified Urethane, 12 inch, White	8110540	4,579.000	Ft
0820	Pavt Mrkg, Modified Urethane, 6 inch, Yellow	8110542	99,402.000	Ft
0830	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0840	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0850	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	65.000	Ea
0860	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	65.000	Ea
0870	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	6.000	Ea
0880	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	6.000	Ea
0890	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	6.000	Ea
0900	Conc Barrier, Temp, Adj	8120080	1,319.000	Ft
0910	Conc Barrier, Temp, Furn	8120081	2,120.000	Ft
0920	Conc Barrier, Temp, Oper	8120082	2,120.000	Ft
0930	Culv, Temp	8120090	6.000	Ea
0940	High Intensity Light, Type B, Furn	8120110	6.000	Ea
0950	High Intensity Light, Type B, Oper	8120111	6.000	Ea
0960	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0970	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0980	Minor Traf Devices	8120170	1.000	LSUM
0990	Mobile Attenuator	8120180	1.000	Ea
1000	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	102,750.000	Ft
1010	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	6,000.000	Ft
1020	Plastic Drum, Fluorescent, Furn	8120252	1,310.000	Ea
1030	Plastic Drum, Fluorescent, Oper	8120253	1,310.000	Ea
1040	Sign Cover	8120310	20.000	Ea
1050	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1060	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1070	Sign, Type A, Temp, Prismatic, Furn	8120340	45.000	Sft
1080	Sign, Type A, Temp, Prismatic, Oper	8120341	45.000	Sft
1090	Sign, Type B, Temp, Prismatic, Furn	8120350	2,480.000	Sft
1100	Sign, Type B, Temp, Prismatic, Oper	8120351	2,480.000	Sft
1110	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	16.000	Sft
1120	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	16.000	Sft
1130	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch,	8122000	27,250.000	Ft

	White, Temp			
1140	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	19,600.000	Ft
1150	Riprap, Heavy	8130005	12.000	Syd
1160	Riprap, Plain	8130010	347.000	Syd
1170	Water, Sodding/Seeding	8160090	107.000	Unit
1180	Slope Restoration, Type A	8160100	6,230.000	Syd
1190	Slope Restoration, Type B	8160101	25,455.000	Syd
1200	Slope Restoration, Type C	8160102	371.000	Syd
1210	_ Bioretention Seeding	8167011	750.000	Syd
1220	Monument Box Adjust	8210005	1.000	Ea
1230	Monument Preservation	8210010	1.000	Ea
1240	Protect Corners	8210020	4.000	Ea
1250	Shoulder Corrugations, Ground or Cut, HMA	8220001	175,613.000	Ft
1260	Contractor Staking, Road Only	8240007	1.000	LSUM
1270	Staking Plan Errors and Extras, One Person	8240020	90.000	Hr
1280	Staking Plan Errors and Extras, Two Person	8240021	36.000	Hr
1290	Staking Plan Errors and Extras, Three Person	8240022	54.000	Hr

12/23/2020 9:57 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 002 **Letting Date:** February 5, 2021 **Contract ID:** 41132-204695

Description: 8.30 mi of installation of ITS equipment includes trunkline fiber, CCTV, DMS, vehicle detection, fiber splice equipment and guardrail on US-131 from North Park Street north to 10 Mile Road in the city of Walker, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204695A	21A0240	N/A	CM 41132

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $269,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.020	Acre
0030	Guardrail, Rem	2040035	90.000	Ft
0040	Exploratory Investigation, Vertical	2040080	100.000	Ft
0050	Embankment, CIP	2050010	50.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0070	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0080	Erosion Control, Silt Fence	2080036	200.000	Ft
0090	Shoulder, Cl II, LM	3070123	64.000	Cyd
0100	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	4,440.000	Lb
0110	Dynamic Message Sign, Fdn	7180200	82.000	Ft
0120	_ Conduit, Clean and Test	8007001	85.000	Ft
0130	_ 10 Gigabit Optical Transceiver, 40km	8007050	1.000	Ea
0140	_ Antenna Support, Install on Dynamic Message Sign	8007050	2.000	Ea
0150	_ Cabinet Modifications	8007050	4.000	Ea
0160	_ Dynamic Message Sign, Amber, 66 mm, 27 by 125	8007050	3.000	Ea
0170	_ Fiber Optic, Splice Enclosure, Underground	8007050	1.000	Ea
0180	_ Hh, Clean	8007050	3.000	Ea
0190	_ Junction Box	8007050	4.000	Ea
0200	_ Managed Field Ethernet Switch, Layer 2, Modified	8007050	8.000	Ea
0210	_ Power Distribution Unit	8007050	8.000	Ea
0220	_ Power Source, Solar - Microwave Vehicle Detection System	8007050	1.000	Ea
0230	_ Wireless Link, 5 Ghz, AP	8007050	1.000	Ea
0240	_ Wireless Link, 5 Ghz, SU	8007050	1.000	Ea
0250	_ Ancillary Conduit Infrastructure	8007051	1.000	LSUM
0260	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM

0270	Sidewalk, Conc, 6 inch	8030046	72.000	Sft
0280	Guardrail, Type MGS-8	8070004	901.000	Ft
0290	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0300	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0310	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0320	Guardrail Reflector	8070080	20.000	Ea
0330	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0340	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Mobile Attenuator	8120180	2.000	Ea
0370	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0380	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0390	Sign Cover	8120310	6.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	704.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	704.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Speed Radar Trailer, Temp	8122028	2.000	Ea
0440	Slope Restoration, Type A	8160100	250.000	Syd
0450	Cable, Rem	8190016	60.000	Ft
0460	Conduit, DB, 1, 3 inch	8190029	875.000	Ft
0470	Conduit, DB, 2, 3 inch	8190032	1,590.000	Ft
0480	Conduit, DB, 3, 3 inch	8190035	245.000	Ft
0490	Conduit, DB, 4, 3 inch	8190038	360.000	Ft
0500	Conduit, Fiberglass, 3 inch, Structure	8190099	1,110.000	Ft
0510	Conduit, Galv Steel, 3 inch, Structure	8190129	80.000	Ft
0520	DB Cable, in Conduit, 600V, 1/C#4	8190207	3,915.000	Ft
0530	DB Cable, in Conduit, 600V, 1/C#6	8190211	1,980.000	Ft
0540	DB Cable, in Conduit, 600V, 1/C#8	8190212	375.000	Ft
0550	Cable, Equipment Grounding Wire, 1/C#1	8190231	785.000	Ft
0560	Cable, Equipment Grounding Wire, 1/C#4	8190234	1,305.000	Ft
0570	Cable, Equipment Grounding Wire, 1/C#6	8190236	660.000	Ft
0580	Cable, Equipment Grounding Wire, 1/C#8	8190237	125.000	Ft
0590	Hh, Round, 3 foot dia	8190259	77.000	Ea
0600	Hh, Type D	8190262	13.000	Ea
0610	Light Std Fdn	8190279	3.000	Ea
0620	Light Std, Frangible Transformer Base	8190281	3.000	Ea
0630	Light Std Shaft, 30 foot or less	8190285	3.000	Ea
0640	Conduit, Directional Bore, 1, 3 inch	8190602	260.000	Ft
0650	Conduit, Directional Bore, 2, 3 inch	8190604	32,740.000	Ft
0660	Conduit, Directional Bore, 3, 3 inch	8190606	885.000	Ft
0670	_ DB Cable, in Conduit, 600V, 1/C#1	8197001	2,355.000	Ft
0680	_ Hh, Round, Electric	8197050	13.000	Ea
0690	Power Co. (Est. Cost to Contractor)	8200116	24,069.000	Dlr
0700	_ ITS Cabinet, Ground Mtd	8207050	8.000	Ea
0710	Contractor Staking, Road Only	8240007	1.000	LSUM

0720	Staking Plan Errors and Extras, One Person	8240020	22.000	Hr
0730	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
0740	Staking Plan Errors and Extras, Three Person	8240022	14.000	Hr
0750	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0760	Lightning Protection, Pole	8260021	7.000	Ea
0770	Lightning Protection, Structure, Large Dynamic Message Sign	8260022	3.000	Ea
0780	Dynamic Message Sign, Support Structure	8260025	3.000	Ea
0790	Microwave Vehicle Detection System	8260040	8.000	Ea
0800	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	42,005.000	Ft
0810	Fiber Optic, Cable, Single Mode Fiber, 36F	8260049	50.000	Ft
0820	Fiber Optic, Cable, Single Mode Fiber, 48F	8260050	39,070.000	Ft
0830	Fiber Optic, Splice Cabinet	8260064	6.000	Ea
0840	Fiber Optic, Hardware Assembly, Small	8260065	15.000	Ea
0850	Fiber Optic, Hardware Assembly, Medium	8260066	6.000	Ea
0860	Fiber Optic, Marker, Above Ground	8260069	75.000	Ea
0870	Tracer Wire	8260070	36,730.000	Ft
0880	Fiber Optic, Pigtail	8260071	148.000	Ea
0890	Fiber Optic, Jumper	8260072	92.000	Ea
0900	Power Serv, Underground, 30A, 120/240V	8260100	4.000	Ea
0910	Power Serv, Underground, 60A, 120/240V	8260101	2.000	Ea
0920	Power Serv, Refurbish, 60A, 120/240V	8260112	1.000	Ea
0930	Uninterruptible Power Supply, ITS Cabinet	8260140	3.000	Ea
0940	Flowable Fill, Spun Pole Fdn	8260149	8.000	Cyd
0950	Spun Conc Pole, Type A	8260152	4.000	Ea
0960	Drilled Shaft and Conc Skirt, Cased	8260155	4.000	Ea
0970	Surveillance System, Remote Site, Type A	8260157	4.000	Ea
0980	System Integration and Testing	8260160	1.000	LSUM

12/23/2020 9:57 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 003 **Letting Date:** February 5, 2021 **Contract ID:** 33000-208111

Description: Bridge replacement with 21 inch prestressed concrete box beams, concrete curb and gutter, culverts, drainage, guardrail, approach and pavement markings on North Waverly Road over Grand River, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208111A	20A1053	N/A	BHT 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $139,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.400	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0070	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0080	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0090	Curb and Gutter, Rem	2040020	152.000	Ft
0100	Fence, Rem	2040025	62.000	Ft
0110	Guardrail, Rem	2040035	325.000	Ft
0120	Embankment, CIP	2050010	227.000	Cyd
0130	Excavation, Earth	2050016	1,485.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0150	Erosion Control, Silt Fence	2080036	424.000	Ft
0160	_ Straw Wattle	2087001	225.000	Ft
0170	Subbase, CIP	3010002	911.000	Cyd
0180	_ Aggregate Base, 21AA, Natural	3027031	1,238.000	Ton
0190	Maintenance Gravel	3060020	50.000	Ton
0200	Shoulder, Cl II, 5 inch	3070127	217.000	Syd
0210	Culv End Sect, Metal, 24 inch	4010098	2.000	Ea
0220	Culv, Cl F, CSP, 24 inch	4010678	38.000	Ft
0230	Sewer Tap, 15 inch	4021205	1.000	Ea
0240	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0250	Dr Structure Cover, Type J	4030045	2.000	Ea
0260	Dr Structure, 48 inch dia	4030210	1.000	Ea
0270	HMA Surface, Rem	5010005	2,331.000	Syd

0280	Pavt for Butt Joints, Rem	5010008	182.000	Syd
0290	HMA, 4E03	5010049	484.000	Ton
0300	HMA Approach	5010061	189.000	Ton
0310	Curb and Gutter, Bridge Approach	8020010	135.000	Ft
0320	Curb and Gutter, Conc, Det B2	8020016	150.000	Ft
0330	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0340	Spillway, Conc	8020075	20.000	Ft
0350	Guardrail, Type B	8070000	13.000	Ft
0360	Guardrail, Type MGS-8	8070004	376.000	Ft
0370	Guardrail, Curved, Type B	8070010	25.000	Ft
0380	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0390	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0400	Guardrail Reflector	8070080	33.000	Ea
0410	Post, Mailbox	8070095	1.000	Ea
0420	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0430	Guardrail Anch, Bridge, Det M3	8070132	2.000	Ea
0440	_ Relocating Mailboxes	8077050	1.000	Ea
0450	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
0460	Post, Steel, 3 lb	8100371	127.000	Ft
0470	Sign, Type III, Rem	8100403	15.000	Ea
0480	Sign, Type IIIA	8100404	25.000	Sft
0490	Sign, Type IIIB	8100405	40.000	Sft
0500	Sign, Type VB	8100425	6.000	Sft
0510	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	531.000	Ft
0520	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,565.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	531.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,565.000	Ft
0550	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	62.000	Ft
0560	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	495.000	Ft
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0590	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0600	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0610	Conc Barrier, Temp, Furn	8120081	80.000	Ft
0620	Conc Barrier, Temp, Oper	8120082	80.000	Ft
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Plastic Drum, Fluorescent, Furn	8120252	47.000	Ea
0650	Plastic Drum, Fluorescent, Oper	8120253	47.000	Ea
0660	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0670	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	1,271.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	1,271.000	Sft
0700	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	255.000	Sft

0710	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	255.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	Ditch, Plain Cobble	8140005	42.000	Syd
0740	_ Slope Restoration, Type II-ES	8167011	1,939.000	Syd
0750	_ Slope Restoration, Type III-ES	8167011	778.000	Syd
0760	Monument Box	8210001	2.000	Ea
0770	Monument Preservation	8210010	2.000	Ea
0780	Contractor Staking	8240001	1.000	LSUM
0790	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
0800	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0810	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

Section: 2

0820	Backfill, Select	2060004	270.000	Cyd
0830	Excavation, Fdn	2060010	330.000	Cyd
0840	_ High Strength Geotextile Reinforcement	2067011	1,695.000	Syd
0850	Underdrain, Fdn, 4 inch	4040031	265.000	Ft
0860	Underdrain Outlet, 4 inch	4040091	50.000	Ft
0870	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0880	Bridge Ltg, Furn and Rem (SN 3870)	7060001	1.000	LSUM
0890	Bridge Ltg, Oper and Maintain	7060002	282.000	Cyd
0900	Expansion Joint Device	7060050	58.000	Ft
0910	False Decking	7060060	8,903.000	Sft
0920	Reinforcement, Steel, Epoxy Coated	7060092	86,655.000	Lb
0930	Substructure Conc	7060100	4.000	Cyd
0940	Superstructure Conc	7060110	47.000	Cyd
0950	Superstructure Conc, Form, Finish, and Cure (SN 3870)	7060111	1.000	LSUM
0960	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 3870)	7060112	1.000	LSUM
0970	Superstructure Conc, Night Casting	7060113	282.000	Cyd
0980	Wall Drain	7060130	735.000	Sft
0990	Bearing, Elastomeric, 1 3/4 inch	7070015	6,942.000	Sin
1000	Bearing, Elastomeric, 2 1/4 inch	7070017	2,700.000	Sin
1010	Structural Steel, Plate, Erect	7070060	5,305.000	Lb
1020	Structural Steel, Plate, Furn and Fab	7070061	5,305.000	Lb
1030	Prest Conc Box Beam, Furn, 21 inch	7080061	805.000	Ft
1040	Prest Conc Box Beam, Erect, 21 inch	7080062	805.000	Ft
1050	Joint Waterproofing	7100001	140.000	Sft
1060	Joint Waterproofing, Expansion	7100003	120.000	Sft
1070	Conc Surface Coating (SN 3870)	7100010	1.000	LSUM
1080	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
1090	Bridge Railing, 2 Tube	7110008	388.000	Ft
1100	Hand Chipping, Other Than Deck	7120007	80.000	Cft
1110	Patching Mortar or Conc	7120015	3.000	Cyd

1120	Patch, Forming	7120017	150.000	Sft
1130	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	102.000	Ea
1140	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	9.000	Ea
1150	Structures, Rehabilitation, Rem Portions (SN 3870)	7120070	1.000	LSUM
1160	Embedded Galvanic Anode	7120120	75.000	Ea
1170	_ Bridge Name Plate, Salv and Erect	7127050	2.000	Ea

12/23/2020 9:57 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 004 **Letting Date:** February 5, 2021 **Contract ID:** 03034-101615

Description: 12.09 mi of hot mix asphalt reconstruction and concrete pavement reconstruction, concrete curb and gutter, sidewalk, sidewalk ramps, culverts, sewer, drainage, rest area building, bridge deep overlays, precast concrete box culvert, cofferdams, guardrail, signing and pavement markings on I-196 WB/SB from 130th Avenue northerly and easterly to M-40 in the village of Douglas, cities of Holland and Laketown, and Saugatuck and Fillmore Townships, Allegan County. 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
101615A	1901160	N/A	NH 03034
106587A	N/A	N/A	RBMP 03034
118985A	21A0214	N/A	NH 03032
129964A	21A0215	N/A	IM 02035
129965A	21A0219	N/A	IM 03035

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $3,172,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.500	Acre
0030	Clearing, Fence	2010002	43.000	Sta
0040	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	37.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	23.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0090	Dr Structure, Rem	2030011	1.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	1,250.000	Ft
0110	Curb and Gutter, Rem	2040020	7,386.000	Ft
0120	Curb, Rem	2040021	415.000	Ft
0130	Guardrail, Rem	2040035	11,474.000	Ft
0140	Pavt, Rem	2040050	130,056.000	Syd
0150	Sidewalk, Rem	2040055	1,950.000	Syd
0160	_ Tile Field, Rem	2047021	4,600.000	Cyd
0170	_ Rem Building	2047051	1.000	LSUM
0180	_ Rem Misc Site Items	2047051	1.000	LSUM
0190	Embankment, Structure, CIP	2050012	200.000	Cyd
0200	Excavation, Earth	2050016	5,658.000	Cyd

0210	Subgrade Undercutting, Type II	2050041	9,750.000	Cyd
0220	_ Embankment, CIP, Special	2057021	2,574.000	Cyd
0230	_ Phragmites Plant Material Handling and Disposal, LM	2057021	150.000	Cyd
0240	Aggregate, 6A	2060001	25.000	Cyd
0250	Backfill, Structure, LM	2060003	260.000	Cyd
0260	Excavation, Fdn	2060010	1,200.000	Cyd
0270	Obliterate Old Road	2070002	0.400	Acre
0280	Erosion Control, Check Dam, Stone	2080012	1,150.000	Ft
0290	Erosion Control, Gravel Access Approach	2080016	13.000	Ea
0300	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0310	Erosion Control, Inlet Protection, Sediment Trap	2080024	85.000	Ea
0320	Erosion Control, Maintenance, Sediment Removal	2080026	130.000	Cyd
0330	Erosion Control, Sediment Basin	2080032	160.000	Cyd
0340	Erosion Control, Silt Fence	2080036	13,730.000	Ft
0350	_ Inlet Protection, 8 inch	2087001	40.000	Ft
0360	Project Cleanup	2090001	1.000	LSUM
0370	Subbase, CIP	3010002	5,188.000	Cyd
0380	_ Subbase, CIP, Special	3017021	3,470.000	Cyd
0390	Aggregate Base, LM	3020002	44.000	Cyd
0400	Aggregate Base, 6 inch	3020016	7,985.000	Syd
0410	Aggregate Base, 12 inch	3020030	194.000	Syd
0420	Aggregate Base, Conditioning	3020050	16,640.000	Syd
0430	Shoulder, Cl II	3070121	64.000	Ton
0440	_ Shoulder, Cl II, 6 inch, Modified	3077011	1,404.000	Syd
0450	Culv End Sect, 12 inch	4010012	2.000	Ea
0460	Culv End Sect, 15 inch	4010015	18.000	Ea
0470	Culv End Sect, 18 inch	4010018	4.000	Ea
0480	Culv End Sect, 24 inch	4010024	1.000	Ea
0490	Culv, Cl A, 12 inch	4010131	130.000	Ft
0500	Culv, Cl A, 18 inch	4010133	154.000	Ft
0510	Culv, Cl A, 24 inch	4010134	688.000	Ft
0520	Culv, Cl B, 24 inch	4010236	384.000	Ft
0530	Culv, Cl E, 15 inch	4010540	658.000	Ft
0540	Culv, Cl E, 24 inch	4010542	96.000	Ft
0550	Culv, Downspout, 15 inch	4010796	208.000	Ft
0560	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	29.000	Ea
0570	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	1.000	Ea
0580	Dr Marker Post	4011109	64.000	Ea
0590	Sewer, Cl A, 24 inch, Tr Det B	4020036	88.000	Ft
0600	Sewer, Cl A, 30 inch, Tr Det B	4020037	88.000	Ft
0610	Sewer, Cl B, 24 inch, Tr Det B	4020186	472.000	Ft
0620	Sewer, Cl E, 12 inch, Tr Det B	4020600	225.000	Ft
0630	Sewer, Cl E, 18 inch, Tr Det B	4020602	92.000	Ft
0640	Sewer, Cl E, 24 inch, Tr Det B	4020603	196.000	Ft

0650	Trench Undercut and Backfill	4021260	100.000	Cyd
0660	Video Taping Sewer and Culv Pipe	4021275	2,500.000	Ft
0670	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0680	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0690	Dr Structure Cover, Type B	4030010	11.000	Ea
0700	Dr Structure Cover, Type J	4030045	12.000	Ea
0710	Dr Structure Cover, Type K	4030050	6.000	Ea
0720	Dr Structure, 48 inch dia	4030210	4.000	Ea
0730	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0740	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0750	Dr Structure, Tap, 24 inch	4030324	3.000	Ea
0760	Underdrain, Bank, 6 inch	4040003	250.000	Ft
0770	Underdrain, Subbase, 6 inch	4040063	150.000	Ft
0780	Underdrain, Subgrade, 6 inch	4040073	2,500.000	Ft
0790	Underdrain Outlet, 6 inch	4040093	9,232.000	Ft
0800	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0810	_ Underdrain Outlet, 6 inch, Modified	4047001	25.000	Ft
0820	_ Video Inspection of Underdrain	4047001	100,572.000	Ft
0830	_ Underdrain Outlet Ending, Modified	4047050	334.000	Ea
0840	Pavt, Cleaning	5010001	1.000	LSUM
0850	Cold Milling HMA Surface	5010002	1,508.000	Syd
0860	Bump Grinding	5010004	500.000	Syd
0870	HMA Surface, Rem	5010005	100,410.000	Syd
0880	HMA Quality Initiative	5010007	10,966.000	Dlr
0890	Joint and Crack, Cleanout	5010015	1,000.000	Ft
0900	Longitudinal Joint Density Quality Initiative	5010018	608.000	Dlr
0910	Hand Patching	5010025	25.000	Ton
0920	HMA, 4E3	5010051	4,558.000	Ton
0930	HMA, 5E3	5010057	1,290.000	Ton
0940	HMA Approach	5010061	728.000	Ton
0950	HMA, Temp Pavt (4E3)	5010805	430.000	Ton
0960	_ Ride Incentive	5017060	56,400.000	Dlr
0970	Joint, Expansion, E3	6020208	164.000	Ft
0980	Joint, Expansion, E4	6020209	20.000	Ft
0990	_ High Performance Biaxial Geogrid	7007011	16,075.000	Syd
1000	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	832.000	Syd
1010	Conc, Grade S2	7060011	4.000	Cyd
1020	Reinforcement, Steel, Culv and Headwall	7060091	184.000	Lb
1030	Substructure Conc, High Performance	7060101	3.000	Cyd
1040	_ Ash Urn	7087050	2.000	Ea
1050	_ Sanitary Force Main, PVC, 3 inch, Tr Det F	8007001	1,918.000	Ft
1060	_ Sanitary Force Main, PVC, 3 inch, Tr Det G	8007001	110.000	Ft
1070	_ Sanitary Sewer, PVC, 6 inch, Tr Det F	8007001	130.000	Ft
1080	_ Sanitary Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	8007001	4.000	Ft

1090	_ Sanitary Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	8007001	6.000	Ft
1100	_ Well Connection, DI, 4 inch, Tr Det F	8007001	533.000	Ft
1110	_ Well Connection, DI, 4 inch, Tr Det G	8007001	40.000	Ft
1120	_ Well in Drift, 8 inch	8007001	450.000	Ft
1130	_ Well in Rock, 8 inch	8007001	150.000	Ft
1140	_ Sand Media	8007021	2,500.000	Cyd
1150	_ Capacity Test	8007040	8.000	Hr
1160	_ Conc Septic Tank, 4840 gal	8007050	2.000	Ea
1170	_ Conc Surge tank, 5000 Gallon	8007050	1.000	Ea
1180	_ Dosing Tank	8007050	1.000	Ea
1190	_ Picnic Stove	8007050	2.000	Ea
1200	_ Picnic Table	8007050	10.000	Ea
1210	_ Pitless Adapter	8007050	1.000	Ea
1220	_ Sanitary Force Main, Cleanout Structure, 72 inch dia	8007050	2.000	Ea
1230	_ Sanitary Structure Cover, Type Q	8007050	5.000	Ea
1240	_ Sanitary Structure, 60 inch dia	8007050	3.000	Ea
1250	_ Sanitary Structure, Rem	8007050	4.000	Ea
1260	_ Submersible Pump	8007050	1.000	Ea
1270	_ Well Screen	8007050	1.000	Ea
1280	_ Abandon Well	8007051	1.000	LSUM
1290	_ Extended Water Outlet	8007051	1.000	LSUM
1300	_ Precast Conc Storage Building	8007051	1.000	LSUM
1310	_ Septic Tank, Rem	8007051	1.000	LSUM
1320	_ Soil Absorption System	8007051	1.000	LSUM
1330	_ Well Development	8007051	1.000	LSUM
1340	Curb and Gutter, Bridge Approach	8020010	259.000	Ft
1350	Curb and Gutter, Conc, Det B2	8020016	3,520.000	Ft
1360	Curb and Gutter, Conc, Det C4	8020023	2,415.000	Ft
1370	Curb and Gutter, Conc, Det D2	8020031	871.000	Ft
1380	Downspout Header, Conc	8020070	5.000	Ea
1390	_ Concrete Curb, Special	8027001	466.000	Ft
1400	Detectable Warning Surface	8030010	25.000	Ft
1410	Sidewalk Ramp, Conc, 4 inch	8030034	665.000	Sft
1420	Sidewalk, Conc, 4 inch	8030044	14,152.000	Sft
1430	Sidewalk, Conc, 8 inch	8030048	160.000	Sft
1440	Guardrail, Type MGS-8	8070004	10,855.000	Ft
1450	Guardrail, Type T, Temp	8070007	2,000.000	Ft
1460	Guardrail Anch, Bridge, Det T4	8070025	7.000	Ea
1470	Guardrail Anch, Bridge, Det T1, Temp	8070030	2.000	Ea
1480	Guardrail Approach Terminal, Type 2M	8070044	23.000	Ea
1490	Guardrail Approach Terminal, Type 1T, Temp	8070046	12.000	Ea
1500	Guardrail Departing Terminal, Type MGS	8070052	17.000	Ea
1510	Guardrail Post, Culv	8070070	4.000	Ea
1520	Guardrail Reflector	8070080	258.000	Ea

1530	Guardrail, Reconst, Type T	8070109	3,000.000	Ft
1540	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
1550	Guardrail Anch, Bridge, Det M4	8070133	3.000	Ea
1560	Guardrail Anch, Bridge, Det A3	8070150	3.000	Ea
1570	_ Guardrail Long Span, Det MGS-1	8077050	4.000	Ea
1580	Fence, Woven Wire with Wood Post	8080001	500.000	Ft
1590	Fence, Chain Link, 72 inch	8080013	4,300.000	Ft
1600	_ Wood Fence	8087001	30.000	Ft
1610	_ Field Office, Cl I, Special	8097060	60,000.000	Dlr
1620	_ Field Office, Utility Fees, Modified	8097060	10,000.000	Dlr
1630	Band, Sign	8100010	3.000	Ea
1640	Column, Breakaway, W8 x 18	8100121	14.000	Ea
1650	Delineator Reflector, Red	8100131	50.000	Ea
1660	Delineator Reflector, Yellow	8100132	59.000	Ea
1670	Delineator Reflector, Green	8100133	130.000	Ea
1680	Delineator Reflector, White	8100134	263.000	Ea
1690	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	10.000	Ea
1700	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	10.000	Ea
1710	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	53.000	Ea
1720	Fdn, Breakaway, W8 x 18	8100161	14.000	Ea
1730	Fdn, Column Breakaway, Rem	8100220	16.000	Ea
1740	Fdn, Wood Support, Rem	8100280	27.000	Ea
1750	Installing MDOT Supplied Sign, Type III	8100302	11.000	Ea
1760	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
1770	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	1.000	Ea
1780	Post, Flexible, Delineator	8100360	63.000	Ea
1790	Post, Rigid, Delineator	8100361	452.000	Ea
1800	Post, Steel, 3 lb	8100371	1,510.000	Ft
1810	Post, Wood, 4 inch by 6 inch	8100380	472.000	Ft
1820	Sign, Type I, Erect, Salv	8100390	2.000	Ea
1830	Sign, Type I, Rem	8100391	12.000	Ea
1840	Sign, Type IA	8100392	808.000	Sft
1850	Sign, Type IB	8100393	60.000	Sft
1860	Sign, Type II, Erect, Salv	8100396	2.000	Ea
1870	Sign, Type II, Rem	8100397	17.000	Ea
1880	Sign, Type IIA	8100398	155.000	Sft
1890	Sign, Type IIB	8100399	95.000	Sft
1900	Sign, Type III, Rem	8100403	91.000	Ea
1910	Sign, Type IIIA	8100404	201.000	Sft
1920	Sign, Type IIIB	8100405	197.000	Sft
1930	Sign, Type VB	8100425	168.000	Sft
1940	Reflective Panel for Permanent Sign Support, 6 foot	8100616	24.000	Ea
1950	Pavt Mrkg, Polyurea, 6 inch, White	8110094	138,242.000	Ft

1960	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	119,192.000	Ft
1970	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	1.000	Ea
1980	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	4.000	Ea
1990	Pavt Mrkg, Polyurea, 12 inch, White	8110111	3,600.000	Ft
2000	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	70.000	Ft
2010	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,000.000	Ft
2020	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,500.000	Ft
2030	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	6.000	Ea
2040	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,000.000	Ft
2050	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,000.000	Ft
2060	Pavt Mrkg, Waterborne, 12 inch, White	8110237	600.000	Ft
2070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,000.000	Ft
2080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,000.000	Ft
2090	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	600.000	Ft
2100	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	15,216.000	Ft
2110	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
2120	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
2130	Recessing Pavt Mrkg, Longit	8110450	257,434.000	Ft
2140	Recessing Pavt Mrkg, Transv	8110451	4,200.000	Sft
2150	Barricade, Type III, High Intensity, Lighted, Furn	8120022	40.000	Ea
2160	Barricade, Type III, High Intensity, Lighted, Oper	8120023	40.000	Ea
2170	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
2180	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
2190	Conc Barrier Reflector Replacement	8120070	150.000	Ea
2200	Conc Barrier, Temp, Adj	8120080	400.000	Ft
2210	Conc Barrier, Temp, Furn	8120081	65,000.000	Ft
2220	Conc Barrier, Temp, Oper	8120082	65,000.000	Ft
2230	Conc Barrier, Temp, Relocated	8120083	1,240.000	Ft
2240	Glare Screen, Temp	8120094	65,000.000	Ft
2250	Glare Screen, Temp, Relocated	8120095	500.000	Ft
2260	Glare Screen, Temp, Complete Section, Replaced	8120096	4.000	Ea
2270	Tubular Marker	8120097	632.000	Ea
2280	Tubular Marker, Replacement	8120098	63.000	Ea
2290	High Intensity Light, Type B, Furn	8120110	3.000	Ea
2300	High Intensity Light, Type B, Oper	8120111	3.000	Ea
2310	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
2320	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
2330	Lighted Arrow, Type C, Standby	8120142	2.000	Ea
2340	Ltg for Night Work	8120160	1.000	LSUM
2350	Minor Traf Devices	8120170	1.000	LSUM
2360	Mobile Attenuator	8120180	2.000	Ea
2370	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	173,000.000	Ft
2380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	2,800.000	Ft

	Yellow, Temp			
2390	Plastic Drum, Fluorescent, Furn	8120252	1,500.000	Ea
2400	Plastic Drum, Fluorescent, Oper	8120253	1,500.000	Ea
2410	Sign Cover	8120310	35.000	Ea
2420	Sign Cover, Type 1	8120320	4.000	Ea
2430	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	9.000	Ea
2440	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	9.000	Ea
2450	Sign, Type A, Temp, Prismatic, Furn	8120340	252.000	Sft
2460	Sign, Type A, Temp, Prismatic, Oper	8120341	252.000	Sft
2470	Sign, Type B, Temp, Prismatic, Furn	8120350	2,760.000	Sft
2480	Sign, Type B, Temp, Prismatic, Oper	8120351	2,760.000	Sft
2490	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	90.000	Sft
2500	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	90.000	Sft
2510	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	143,000.000	Ft
2520	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	141,000.000	Ft
2530	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	400.000	Ft
2540	Speed Radar Trailer, Temp	8122028	1.000	Ea
2550	Temp Rumble Strips (Orange)	8122030	1,944.000	Ft
2560	_ Barrier Gate, Temp, Furn	8127050	2.000	Ea
2570	_ Barrier Gate, Temp, Open/Close	8127050	4.000	Ea
2580	_ Barrier Gate, Temp, Oper	8127050	2.000	Ea
2590	Riprap, Plain	8130010	12.000	Syd
2600	Slope Paving, Conc	8130020	150.000	Syd
2610	_ Steel Landscape Edging, 4 inch	8157001	220.000	Ft
2620	_ Temporary Tree Protection	8157001	950.000	Ft
2630	_ Landscape Fabric	8157011	810.000	Syd
2640	_ Peat Soil, Special	8157021	35.000	Cyd
2650	_ River Rock, 2 inch	8157021	8.000	Cyd
2660	_ Shredded Bark Mulch	8157021	20.000	Cyd
2670	_ Horticultural Work	8157040	80.000	Hr
2680	_ Bench	8157050	4.000	Ea
2690	_ Flag Pole	8157050	1.000	Ea
2700	_ Trash Container	8157050	11.000	Ea
2710	_ Rest Area Building	8157051	1.000	LSUM
2720	Fertilizer, Chemical Nutrient, Cl A	8160020	812.000	Lb
2730	Mulch	8160025	22,380.000	Syd
2740	Mulch Anchoring	8160026	22,380.000	Syd
2750	Seeding, Mixture TDS	8160037	1,020.000	Lb
2760	Topsoil Surface, Furn, 3 inch	8160061	9,680.000	Syd
2770	Topsoil Surface, Salv, 4 inch	8160077	12,700.000	Syd
2780	Slope Restoration, Type A	8160100	85,668.000	Syd
2790	Slope Restoration, Type B	8160101	86,433.000	Syd

2800	Slope Restoration, Type C	8160102	8,842.000	Syd
2810	Slope Restoration, Type D	8160103	5,500.000	Syd
2820	Conduit, DB, 1, 1/2 inch	8190025	70.000	Ft
2830	Conduit, DB, 1, 1 1/2 inch	8190027	15.000	Ft
2840	Conduit, DB, 1, 3 inch	8190029	185.000	Ft
2850	Conduit, Directional Bore, 2 inch	8190042	90.000	Ft
2860	Conduit, Directional Bore, 3 inch	8190044	50.000	Ft
2870	Conduit, Rem	8190140	15.000	Ft
2880	Conduit, Schedule 80 PVC, 2 inch	8190157	2,850.000	Ft
2890	Conduit, Schedule 80 PVC, 3 inch	8190159	800.000	Ft
2900	Conduit, Schedule 80 PVC, 4 inch	8190161	440.000	Ft
2910	DB Cable, in Conduit, 600V, 1/C#6	8190211	8,220.000	Ft
2920	DB Cable, in Conduit, 600V, 1/C#10	8190213	1,900.000	Ft
2930	DB Cable, in Conduit, Rem	8190220	2,420.000	Ft
2940	Cable, Equipment Grounding Wire, 1/C#6	8190236	2,850.000	Ft
2950	Cable, Equipment Grounding Wire, 1/C#10	8190238	950.000	Ft
2960	Hh, Heavy Duty Cover	8190246	31.000	Ea
2970	Hh, Rem	8190254	19.000	Ea
2980	Hh, Round	8190260	1.000	Ea
2990	Light Std Arm, 6 foot	8190265	18.000	Ea
3000	Light Std Arm, Rem	8190277	14.000	Ea
3010	Light Std Fdn	8190279	25.000	Ea
3020	Light Std Fdn, Rem	8190280	14.000	Ea
3030	Light Std Shaft, 30 foot or less	8190285	7.000	Ea
3040	Light Std Shaft, 31 foot to 40 foot	8190286	18.000	Ea
3050	Light Std Shaft, Rem	8190305	14.000	Ea
3060	Luminaire, Rem	8190360	14.000	Ea
3070	Wood Pole, Cl 4, 40 foot	8190473	4.000	Ea
3080	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
3090	Wood Pole, Rem	8190505	4.000	Ea
3100	_ Cable, Equipment Grounding Wire, 1/C#2/0	8197001	800.000	Ft
3110	_ DB Cable, in Conduit, 600V, 1/C#2/0	8197001	2,400.000	Ft
3120	_ DB Cable, in Conduit, 600V, 1/C#350 KCM	8197001	525.000	Ft
3130	_ Luminaire, Flagpole	8197050	1.000	Ea
3140	_ Luminaire, Parking	8197050	18.000	Ea
3150	_ Luminaire, Walkway	8197050	7.000	Ea
3160	_ Outdoor Outlet	8197050	2.000	Ea
3170	Case Sign, Rem	8200020	2.000	Ea
3180	Controller and Cabinet, Rem	8200030	1.000	Ea
3190	Global Positioning System Module	8200050	1.000	Ea
3200	Global Positioning System Module, Rem	8200053	1.000	Ea
3210	Pedestal, Fdn	8200105	1.000	Ea
3220	Pedestal Fdn, Rem	8200106	1.000	Ea
3230	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
3240	Pedestal, Underground Serv, Rem	8200113	1.000	Ea

3250	Power Co. (Est. Cost to Contractor)	8200116	100.000	Dlr
3260	Span Wire	8200140	3.000	Ea
3270	Span Wire, Rem	8200141	3.000	Ea
3280	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
3290	Cabinet, NEMA Type	8200186	1.000	Ea
3300	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
3310	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	2.000	Ea
3320	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
3330	Shoulder Corrugations, Ground or Cut, Conc	8220000	1,500.000	Ft
3340	Shoulder Corrugations, Ground or Cut, HMA	8220001	1,547.000	Ft
3350	_ Utility, Electric	8237060	15,000.000	Dlr
3360	_ Utility, Gas	8237060	20,000.000	Dlr
3370	_ Utility, Telephone	8237060	10,000.000	Dlr
3380	Contractor Staking	8240001	1.000	LSUM
3390	Staking Plan Errors and Extras, One Person	8240020	269.000	Hr
3400	Staking Plan Errors and Extras, Two Person	8240021	110.000	Hr
3410	Staking Plan Errors and Extras, Three Person	8240022	162.000	Hr

Section: 2

3420	Excavation, Earth	2050016	106,135.000	Cyd
3430	_ Embankment, CIP, Special	2057021	15,578.000	Cyd
3440	Subbase, CIP	3010002	68,810.000	Cyd
3450	Aggregate Base, 6 inch	3020016	217,859.000	Syd
3460	_ Shoulder, Cl II, 7.25 inch, Modified	3077011	1,391.000	Syd
3470	_ Shoulder, Cl II, 9.5 inch, Modified	3077011	27,937.000	Syd
3480	_ Geotextile, Separator, Non-Woven	3087011	3,800.000	Syd
3490	Underdrain, Subbase, 6 inch	4040063	88,620.000	Ft
3500	HMA Quality Initiative	5010007	220,050.000	Dlr
3510	_ HMA Approach (9.5")	5017011	9,344.000	Syd
3520	_ HMA, 3E3 (3.25")	5017011	10,076.000	Syd
3530	_ HMA, 3E3 (3.75")	5017011	92,734.000	Syd
3540	_ HMA, 3E30 (3.75")	5017011	290,660.000	Syd
3550	_ HMA, 4E3 (2")	5017011	66,519.000	Syd
3560	_ HMA, 4E30 (2")	5017011	145,330.000	Syd
3570	Shoulder Corrugations, Ground or Cut, HMA	8220001	82,920.000	Ft

Section: 3

3580	Excavation, Earth	2050016	93,598.000	Cyd
3590	_ Embankment, CIP, Special	2057021	15,895.000	Cyd
3600	Subbase, CIP	3010002	51,135.000	Cyd
3610	Open-Graded Dr Cse, 6 inch	3030006	217,859.000	Syd
3620	_ Shoulder, Cl II, 10 inch, Modified	3077011	27,937.000	Syd
3630	_ Shoulder, Cl II, 8 inch, Modified	3077011	1,391.000	Syd
3640	_ Geotextile, Separator, Non-Woven	3087011	217,379.000	Syd

3650	Underdrain, Subbase, 6 inch	4040063	1,800.000	Ft
3660	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	86,820.000	Ft
3670	Joint, Contraction, Cp	6020200	80,395.000	Ft
3680	Joint, Contraction, C3p	6020201	43,277.000	Ft
3690	Joint, Expansion, E2	6020207	84.000	Ft
3700	Joint, Expansion, E4	6020209	42.000	Ft
3710	Conc Quality Initiative	6020401	424,700.000	Dlr
3720	Conc Pavt, Nonreinf, 8 inch, High Performance	6020500	6,315.000	Syd
3730	Conc Pavt, Nonreinf, 10 inch, High Performance	6020504	127,055.000	Syd
3740	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	9,344.000	Syd
3750	Shoulder, Nonreinf Conc, High Performance	6020524	68,771.000	Syd
3760	Shoulder Corrugations, Ground or Cut, Conc	8220000	82,920.000	Ft

Section: 4

3770	_ Railroad Inspection and Flagging - CSX	1027060	50,000.000	Dlr
3780	_ Railroad Protection	1027060	25,000.000	Dlr
3790	Structures, Rem (C02 of 03032)	2040060	1.000	LSUM
3800	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
3810	Backfill, Structure, CIP	2060002	2,200.000	Cyd
3820	Excavation, Fdn	2060010	2,800.000	Cyd
3830	Erosion Control, Filter Bag	2080014	4.000	Ea
3840	Erosion Control, Gravel Filter Berm	2080018	500.000	Ft
3850	Erosion Control, Maintenance, Sediment Removal	2080026	40.000	Cyd
3860	Erosion Control, Sand Bag	2080028	800.000	Ea
3870	Erosion Control, Silt Fence	2080036	800.000	Ft
3880	_ Geotextile, Separator, Non-Woven	3087011	1,501.000	Syd
3890	Culv Bedding, Box Culv	4060005	199.000	Cyd
3900	_ Culv, Precast Conc Box, 28 foot by 10 foot, Special	4067001	110.000	Ft
3910	HMA Patch, Rem	5010006	21.000	Syd
3920	Cofferdams (C02 of 03032)	7040007	1.000	LSUM
3930	Cofferdams, Left in Place (C02 of 03032)	7040009	1.000	LSUM
3940	Expansion Joint Device	7060050	401.000	Ft
3950	False Decking	7060060	31,958.000	Sft
3960	Reinforcement, Steel, Epoxy Coated	7060092	15,590.000	Lb
3970	_ Conc, Grade DM	7067021	23.000	Cyd
3980	Bushing	7070030	192.000	Ea
3990	_ Metal Mesh Panels, Modified	7077010	6,300.000	Sft
4000	Joint Waterproofing	7100001	606.000	Sft
4010	Scarifying	7120001	3,807.000	Syd
4020	Hand Chipping, Other Than Deck	7120007	372.000	Cft
4030	Patch, Full Depth	7120010	8.000	Cyd
4040	Patch, Forming	7120017	1,195.000	Sft
4050	Bridge Deck Surface Construction	7120025	3,807.000	Syd
4060	Conc, Silica Fume Modified	7120027	136.000	Cyd

4070	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	104.000	Ea
4080	Structures, Rehabilitation, Rem Portions (B01-2 of 03034)	7120070	1.000	LSUM
4090	Structures, Rehabilitation, Rem Portions (R02 of 03035)	7120070	1.000	LSUM
4100	Structures, Rehabilitation, Rem Portions (S01 of 03035)	7120070	1.000	LSUM
4110	Deck Joint, Rem	7120071	401.000	Ft
4120	Latex Conc Surface, Rem	7120072	2,066.000	Syd
4130	Hydrodemolition, First Pass	7120076	3,807.000	Syd
4140	Hydrodemolition, Second Pass	7120077	345.000	Syd
4150	Flushing Cracks, Water	7120098	100.000	Ft
4160	Structural Crack, Repr	7120099	100.000	Ft
4170	Patching Conc, C-L	7120112	14.000	Cyd
4180	Embedded Galvanic Anode	7120120	823.000	Ea
4190	_ Hand Chipping, Special	7127010	17.000	Sft
4200	_ Shear Strengthening System	7127010	75.000	Sft
4210	_ Beam End Repair, Latex Modified Conc	7127020	6.000	Cft
4220	_ Hand Chipping, Full Depth	7127020	187.000	Cft
4230	_ Conc, Deep Bridge Deck Ovly	7127021	390.000	Cyd
4240	Beam Plate, Seal Perimeter	7130010	2,503.000	Ft
4250	Hanger Assembly, Field Measurement	7130030	48.000	Ea
4260	Hanger Assembly, Rem and Erect	7130031	48.000	Ea
4270	Rocker, Realign	7130050	6.000	Ea
4280	Structural Steel, Furn and Fab, Pin and Hanger	7130070	17,245.000	Lb
4290	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	12,061.000	Lb
4300	Support, Column, Temp	7130080	12.000	Ea
4310	Support, Diaphragm, Temp	7130081	6.000	Ea
4320	Support, Suspension, Temp	7130082	36.000	Ea
4330	Steel Structure, Cleaning, Partial, Type 4 (B01-2 of 03034)	7150047	1.000	LSUM
4340	Steel Structure, Cleaning, Partial, Type 4 (S01 of 03035)	7150047	1.000	LSUM
4350	Steel Structure, Coating, Partial, Type 4 (B01-2 of 03034)	7150048	1.000	LSUM
4360	Steel Structure, Coating, Partial, Type 4 (S01 of 03035)	7150048	1.000	LSUM
4370	Field Repair of Damaged Coating (B01-2 of 03034)	7160001	1.000	LSUM
4380	Field Repair of Damaged Coating (S01 of 03035)	7160001	1.000	LSUM
4390	Drain Casting Assembly	7170010	4.000	Ea
4400	Deck Drain, Adj	7170061	36.000	Ea
4410	Riprap, Plain	8130011	530.000	Ton
4420	Slope Paving, Conc	8130020	75.000	Syd

Section: 5

4430	_ Calendar Days of Contract Time for Opening to Traf, I-196	1027060	0.000	Dlr

12/23/2020 9:57 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 005 **Letting Date:** February 5, 2021 **Contract ID:** 44044-210066

Description: 8.30 mi of hot mix asphalt reconstruction, shoulder widening, concrete pavement repairs, drainage, guardrail and pavement markings on I-69 from Newark Road easterly to the east Lapeer county line, Lapeer County. This project includes a 5 year materials and workmanship pavement warranty. This is an On-the-Job-Training Voluntary Incentive Program pilot project. See unique special provision for additional information.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210066A	21A0236	N/A	IM 44044

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 $2,790,300.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.330	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	53.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	11.000	Ea
0080	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0090	Culv, End, Rem, 24 inch to 48 inch	2030006	10.000	Ea
0100	Guardrail, Rem	2040035	7,489.000	Ft
0110	Pavt, Rem	2040050	74,432.000	Syd
0120	Backfill, Swamp	2050001	300.000	Cyd
0130	Ditch Cleanout	2050006	10.000	Sta
0140	Embankment, CIP	2050010	30,553.000	Cyd
0150	Excavation, Earth	2050016	148,693.000	Cyd
0160	Excavation, Peat	2050017	500.000	Cyd
0170	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0180	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0190	Ditch, Intercepting	2080005	40.000	Sta
0200	Erosion Control, Check Dam, Stone	2080012	4,278.000	Ft
0210	Erosion Control, Maintenance, Sediment Removal	2080026	40.000	Cyd
0220	Erosion Control, Sediment Trap	2080034	6.000	Ea
0230	Erosion Control, Silt Fence	2080036	12,757.000	Ft
0240	Project Cleanup	2090001	1.000	LSUM
0250	Subbase, CIP	3010002	94,867.000	Cyd

0260	Aggregate Base, 6 inch	3020016	101,990.000	Syd
0270	Aggregate Base, 9 inch	3020022	54,739.000	Syd
0280	Aggregate Base, 12 inch	3020030	1,899.000	Syd
0290	Maintenance Gravel, LM	3060021	100.000	Cyd
0300	Trenching	3070200	848.000	Sta
0310	_ Shoulder, Cl II, 4 inch, Modified	3077011	484.000	Syd
0320	_ Shoulder, Cl II, 6 inch, Modified	3077011	2,707.000	Syd
0330	_ Shoulder, Cl II, 6.5 inch, Modified	3077011	53,926.000	Syd
0340	_ Shoulder, Cl II, 9.5 inch, Modified	3077011	6,372.000	Syd
0350	Culv End Sect, 24 inch	4010024	88.000	Ea
0360	Culv End Sect, Conc, 30 inch	4010052	2.000	Ea
0370	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0380	Culv End Sect, Conc, 54 inch	4010056	3.000	Ea
0390	Culv, Cl A, 24 inch	4010134	2,700.000	Ft
0400	Culv, Cl A, Conc, 36 inch	4010170	16.000	Ft
0410	Culv, Cl A, Conc, 54 inch	4010173	16.000	Ft
0420	Culv, Cl E, 24 inch	4010542	1,592.000	Ft
0430	Culv, Cl E, 54 inch	4010547	104.000	Ft
0440	Culv, Downspout, 12 inch	4010795	835.000	Ft
0450	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	4.000	Ea
0460	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	13.000	Ea
0470	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0480	Dr Marker Post	4011109	429.000	Ea
0490	_ Culv Cleanout	4017001	2,829.000	Ft
0500	_ Sewer, Surface Repairs, 1 inch	4017010	60.000	Sft
0510	_ Sewer, Steel Replacement	4017030	100.000	Lb
0520	Underdrain, Subbase, 6 inch	4040063	96,435.000	Ft
0530	Underdrain Outlet, 6 inch	4040093	8,300.000	Ft
0540	Underdrain, Outlet Ending, 6 inch	4040113	375.000	Ea
0550	_ Underdrain, Rem	4047001	76,742.000	Ft
0560	_ Underdrain Outlet Cleanout	4047050	250.000	Ea
0570	Pavt, Cleaning	5010001	1.000	LSUM
0580	Bump Grinding	5010004	100.000	Syd
0590	HMA Surface, Rem	5010005	2,365.000	Syd
0600	HMA Quality Initiative	5010007	184,000.000	Dlr
0610	Longitudinal Joint Density Quality Initiative	5010018	100,000.000	Dlr
0620	Hand Patching	5010025	200.000	Ton
0630	HMA, 3E10	5010046	8,736.000	Ton
0640	HMA, 4E10	5010052	46,290.000	Ton
0650	HMA, 5E10	5010058	34,536.000	Ton
0660	HMA Approach	5010061	2,303.000	Ton
0670	_ Asphalt Stabilized Crack Relief Layer	5017031	58,861.000	Ton
0680	_ Ride Incentive	5017060	116,000.000	Dlr
0690	HMA, Temp Pavt (LVSP)	5020807	2,779.000	Ton
0700	Joint, Expansion, E3	6020208	736.000	Ft

0710	Conc Pavt, Bridge Approach, Reinf	6020600	1,624.000	Syd
0720	Joint, Contraction, Crg	6030020	15,360.000	Ft
0730	Pavt Repr, Nonreinf Conc, 9 inch	6030046	5,120.000	Syd
0740	Pavt Repr, Rem	6030080	5,120.000	Syd
0750	Saw Cut, Intermediate	6030090	15,360.000	Ft
0760	_ Bypass Pumping	7047051	1.000	LSUM
0770	Conc, Grade S2	7060011	14.000	Cyd
0780	Reinforcement, Steel, Culv and Headwall	7060091	560.000	Lb
0790	Curb and Gutter, Bridge Approach	8020010	774.000	Ft
0800	Curb and Gutter, Conc, Det B2	8020016	376.000	Ft
0810	Valley Gutter, Conc	8020060	225.000	Ft
0820	Downspout Header, Conc	8020070	14.000	Ea
0830	Guardrail, Type MGS-8	8070004	8,214.000	Ft
0840	Guardrail, Type T, Temp	8070007	1,800.000	Ft
0850	Guardrail Anch, Bridge, Det T1	8070022	36.000	Ea
0860	Guardrail Approach Terminal, Type 2M	8070044	19.000	Ea
0870	Guardrail Approach Terminal, Type 2B, Temp	8070047	10.000	Ea
0880	Guardrail Departing Terminal, Type MGS	8070052	19.000	Ea
0890	Guardrail Reflector	8070080	267.000	Ea
0900	Delineator Reflector, Red	8100131	78.000	Ea
0910	Delineator Reflector, Yellow	8100132	225.000	Ea
0920	Delineator Reflector, Green	8100133	50.000	Ea
0930	Delineator Reflector, White	8100134	424.000	Ea
0940	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	18.000	Ea
0950	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	6.000	Ea
0960	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	53.000	Ea
0970	Perforated Steel Square Tube Breakaway System	8100330	12.000	Ea
0980	Delineator, Rem	8100349	50.000	Ea
0990	Post, Flexible, Delineator	8100360	59.000	Ea
1000	Post, Rigid, Delineator	8100361	699.000	Ea
1010	Post, Steel, 3 lb	8100371	644.000	Ft
1020	Post, Wood, 4 inch by 6 inch	8100380	192.000	Ft
1030	Sign, Type I, Erect, Salv	8100390	1.000	Ea
1040	Sign, Type II, Erect, Salv	8100396	7.000	Ea
1050	Sign, Type III, Erect, Salv	8100402	48.000	Ea
1060	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
1070	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	61.000	Ft
1080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
1090	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1100	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	313.000	Ft
1110	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,185.000	Ft
1120	Recessing Pavt Mrkg, Longit	8110450	241,216.000	Ft
1130	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	130,917.000	Ft

1140	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	7,522.000	Ft
1150	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	105,340.000	Ft
1160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	68.000	Ea
1170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	68.000	Ea
1180	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
1190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
1200	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	3.000	Ea
1210	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	3.000	Ea
1220	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	3.000	Ea
1230	Conc Barrier, Temp, Furn	8120081	48,992.000	Ft
1240	Conc Barrier, Temp, Oper	8120082	48,992.000	Ft
1250	Conc Barrier, Temp, Relocated	8120083	43,678.000	Ft
1260	Culv, Temp	8120090	7.000	Ea
1270	Glare Screen, Temp	8120094	600.000	Ft
1280	Glare Screen, Temp, Relocated	8120095	600.000	Ft
1290	Glare Screen, Temp, Complete Section, Replaced	8120096	10.000	Ea
1300	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1310	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1320	Minor Traf Devices	8120170	1.000	LSUM
1330	Mobile Attenuator	8120180	2.000	Ea
1340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	96,751.000	Ft
1350	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	6,217.000	Ft
1360	Plastic Drum, Fluorescent, Furn	8120252	1,098.000	Ea
1370	Plastic Drum, Fluorescent, Oper	8120253	1,098.000	Ea
1380	Sign Cover	8120310	146.000	Ea
1390	Sign Cover, Type 1	8120320	34.000	Ea
1400	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1410	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1420	Sign, Type B, Temp, Prismatic, Furn	8120350	4,369.000	Sft
1430	Sign, Type B, Temp, Prismatic, Oper	8120351	4,369.000	Sft
1440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2,038.000	Sft
1450	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2,038.000	Sft
1460	Traf Regulator Control	8120370	1.000	LSUM
1470	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	101,393.000	Ft
1480	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	100,238.000	Ft
1490	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	106,744.000	Ft
1500	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	106,744.000	Ft
1510	Temp Rumble Strips (Orange)	8122030	5,184.000	Ft
1520	_ Slotted Drain, Galv, 12 inch, Temp	8127001	96.000	Ft
1530	_ Heavy Duty Wrecker	8127050	1.000	Ea
1540	_ Light Duty Wrecker	8127050	1.000	Ea

1550	_ Medium Duty Wrecker	8127050	1.000	Ea
1560	Riprap, Plain	8130010	1,149.000	Syd
1570	_ Bioretention Seeding	8167011	34,469.000	Syd
1580	_ Turf Establishment, Performance	8167011	237,814.000	Syd
1590	_ Bioretention Soil	8167021	5,968.000	Cyd
1600	Monument Preservation	8210010	2.000	Ea
1610	Shoulder Corrugations, Ground or Cut, HMA	8220001	168,281.000	Ft

12/23/2020 9:57 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 006 **Letting Date:** February 5, 2021 **Contract ID:** 41122-126117

Description: 2.01 mi of hot mix asphalt passing relief lanes to include cold milling and resurfacing, concrete curb and gutter, driveway openings, culverts, drainage, guardrail and pavement markings on M-57 (14 Mile Road) from west of Farland Avenue east to west of Ramsdell Drive. This project includes a 3 year and a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126117A	21A0244	N/A	HSIP 41122

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $380,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	20.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	26.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	15.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	11.000	Ea
0090	Curb and Gutter, Rem	2040020	832.000	Ft
0100	Fence, Rem	2040025	569.000	Ft
0110	Backfill, Swamp	2050001	4,040.000	Cyd
0120	Excavation, Earth	2050016	37,245.000	Cyd
0130	Excavation, Peat	2050017	6,120.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0150	Subgrade Undercutting, Type II	2050041	1,500.000	Cyd
0160	_ Embankment, CIP, Special	2057021	4,635.000	Cyd
0170	_ Phragmites Plant Material Handling and Disposal, LM	2057021	25.000	Cyd
0180	Erosion Control, Check Dam, Stone	2080012	80.000	Ft
0190	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0210	Erosion Control, Sediment Trap	2080034	10.000	Ea
0220	Erosion Control, Silt Fence	2080036	3,500.000	Ft
0230	Subbase, CIP	3010002	30,417.000	Cyd
0240	Aggregate Base, 6 inch	3020016	38,711.000	Syd
0250	Approach, Cl II	3070021	119.000	Ton

0260	Shoulder, Cl II, Temp	3070170	150.000	Ton
0270	Trenching	3070200	116.000	Sta
0280	_ Shoulder, Cl II - Modified	3077031	1,467.000	Ton
0290	Culv End Sect, 12 inch	4010012	28.000	Ea
0300	Culv End Sect, 24 inch	4010024	2.000	Ea
0310	Culv, Cl A, Conc, 24 inch	4010168	86.000	Ft
0320	Culv, Cl A, Conc, 36 inch	4010170	10.000	Ft
0330	Culv, Cl F, 12 inch	4010607	468.000	Ft
0340	Culv, Cl F, 15 inch	4010608	88.000	Ft
0350	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0360	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	6.000	Ea
0370	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	3.000	Ea
0380	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	6.000	Ea
0390	Dr Marker Post	4011109	9.000	Ea
0400	Trench Undercut and Backfill	4021260	150.000	Cyd
0410	Underdrain, Pipe, Open-Graded, 6 inch	4040043	1,000.000	Ft
0420	Underdrain, Subbase, 6 inch	4040063	4,630.000	Ft
0430	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0440	Underdrain Outlet, 6 inch	4040093	600.000	Ft
0450	Underdrain, Outlet Ending, 6 inch	4040113	35.000	Ea
0460	_ Open-Graded Trench	4047001	1,000.000	Ft
0470	Bump Grinding	5010004	100.000	Syd
0480	HMA Surface, Rem	5010005	8,878.000	Syd
0490	HMA Quality Initiative	5010007	30,444.000	Dlr
0500	Pavt for Butt Joints, Rem	5010008	316.000	Syd
0510	Longitudinal Joint Density Quality Initiative	5010018	56,000.000	Dlr
0520	Hand Patching	5010025	140.000	Ton
0530	HMA, 3E3	5010045	5,609.000	Ton
0540	HMA, 4E3	5010051	3,740.000	Ton
0550	HMA, 5E3	5010057	5,504.000	Ton
0560	HMA Approach	5010061	229.000	Ton
0570	HMA, Temp Pavt (4E3)	5010805	1,000.000	Ton
0580	_ Ride Incentive	5017060	11,360.000	Dlr
0590	Curb and Gutter, Conc, Det B2	8020016	638.000	Ft
0600	Driveway Opening, Conc, Det M	8020050	301.000	Ft
0610	Guardrail, Type MGS-8	8070004	875.000	Ft
0620	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0630	Post, Mailbox	8070095	25.000	Ea
0640	Fence, Chain Link, 48 inch	8080011	569.000	Ft
0650	Delineator Reflector, Green	8100133	12.000	Ea
0660	Fdn, Wood Support, Rem	8100280	6.000	Ea
0670	Installing MDOT Supplied Sign, Type III	8100302	7.000	Ea
0680	Post, Steel, 3 lb	8100371	662.000	Ft
0690	Post, Wood, 4 inch by 6 inch	8100380	148.000	Ft
0700	Sign, Type II, Rem	8100397	3.000	Ea

0710	Sign, Type IIA	8100398	85.000	Sft
0720	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0730	Sign, Type III, Rem	8100403	20.000	Ea
0740	Sign, Type IIIA	8100404	18.000	Sft
0750	Sign, Type IIIB	8100405	83.000	Sft
0760	Sign, Type VB	8100425	84.000	Sft
0770	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	4.000	Ea
0790	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,100.000	Ft
0800	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	21,200.000	Ft
0810	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	21,000.000	Ft
0820	Recessing Pavt Mrkg, Longit	8110450	46,300.000	Ft
0830	Recessing Pavt Mrkg, Transv	8110451	400.000	Sft
0840	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0850	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0860	Delineator, Flexible, Temp, Furn	8120091	110.000	Ea
0870	Delineator, Flexible, Temp, Oper	8120092	110.000	Ea
0880	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0890	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0900	Ltg for Night Work	8120160	1.000	LSUM
0910	Minor Traf Devices	8120170	1.000	LSUM
0920	Mobile Attenuator	8120180	1.000	Ea
0930	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	57,375.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	43,200.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	43,200.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,900.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,800.000	Ft
0980	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0990	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
1000	Sign Cover	8120310	20.000	Ea
1010	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1020	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1030	Sign, Type B, Temp, Prismatic, Furn	8120350	950.000	Sft
1040	Sign, Type B, Temp, Prismatic, Oper	8120351	950.000	Sft
1050	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
1060	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1080	Speed Radar Trailer, Temp	8122028	2.000	Ea
1090	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
1100	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
1110	_ Physocarpus opulifolius 'Summer Wine', 4-5 foot	8157050	12.000	Ea

1120	Slope Restoration, Type A	8160100	45,136.000	Syd
1130	Slope Restoration, Type B	8160101	11,211.000	Syd
1140	Slope Restoration, Type C	8160102	17,628.000	Syd
1150	Monument Box Adjust	8210005	4.000	Ea
1160	Protect Corners	8210020	4.000	Ea
1170	Centerline Corrugations, Milled, HMA	8220013	10,600.000	Ft
1180	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	22,260.000	Ft
1190	Contractor Staking, Road Only	8240007	1.000	LSUM
1200	Staking Plan Errors and Extras, One Person	8240020	32.000	Hr
1210	Staking Plan Errors and Extras, Two Person	8240021	13.000	Hr
1220	Staking Plan Errors and Extras, Three Person	8240022	19.000	Hr

12/29/2020 3:05 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 007 **Letting Date:** February 5, 2021 **Contract ID:** 76000-200571

Description: 1.20 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, drainage and pavement markings on Carland Road from Cronk Road north to Juddville Road, Shiawassee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200571A	21A0110	N/A	STL 76000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $79,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	18.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0040	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0050	Curb and Gutter, Rem	2040020	214.000	Ft
0060	_ Pavt, Rem, Modified	2047011	340.000	Syd
0070	Ditch Cleanout	2050006	38.000	Sta
0080	Embankment, CIP	2050010	635.000	Cyd
0090	Excavation, Earth	2050016	865.000	Cyd
0100	Erosion Control, Silt Fence	2080036	12,305.000	Ft
0110	_ Aggregate Base, Modified	3027031	2,445.000	Ton
0120	HMA Base Crushing and Shaping	3050002	17,505.000	Syd
0130	Trenching	3070200	123.000	Sta
0140	_ Approach, Cl II, Modified	3077031	342.000	Ton
0150	_ Shoulder, Cl II, Modified	3077031	768.000	Ton
0160	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	38.000	Ea
0170	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	4.000	Ea
0180	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0190	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0200	Culv, Slp End Sect, 1 on 4, 60 inch, Transv	4010938	4.000	Ea
0210	_ Culv, Cl A, 18 inch, Modified	4017001	131.000	Ft
0220	_ Culv, Cl A, 24 inch, Modified	4017001	57.000	Ft
0230	_ Culv, Cl A, 30 inch, Modified	4017001	61.000	Ft
0240	_ Culv, Cl A, 60 inch, Modified	4017001	124.000	Ft
0250	_ Culv, Cl F, 15 inch, Modified	4017001	703.000	Ft
0260	Pavt for Butt Joints, Rem	5010008	14.000	Syd
0270	HMA Approach	5010061	289.000	Ton

0280	HMA, LVSP	5010703	4,299.000	Ton
0290	Driveway, Nonreinf Conc, 6 inch	8010005	118.000	Syd
0300	Curb and Gutter, Conc, Det B2	8020016	492.000	Ft
0310	Shoulder Gutter, Conc, Det 2	8020056	8.000	Ea
0320	Spillway, Conc	8020075	24.000	Ft
0330	Post, Mailbox	8070095	15.000	Ea
0340	Post, Steel, 3 lb	8100371	542.000	Ft
0350	Sign, Type III, Rem	8100403	19.000	Ea
0360	Sign, Type IIIA	8100404	41.000	Sft
0370	Sign, Type IIIB	8100405	127.000	Sft
0380	Sign, Type VB	8100425	12.000	Sft
0390	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,312.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,532.000	Ft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0450	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	564.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	564.000	Sft
0480	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	27.000	Sft
0490	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	27.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Riprap, Plain	8130010	32.000	Syd
0520	_ Turf Establishment, Performance-No Rye, Special	8167011	24,862.000	Syd
0530	Monument Box	8210001	1.000	Ea
0540	Monument Preservation	8210010	1.000	Ea
0550	_ Dust Palliative, Applied, Modified	8507022	15,000.000	Gal

12/29/2020 3:05 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 008 **Letting Date:** February 5, 2021 **Contract ID:** 49000-206155

Description: 7.17 mi of hot mix asphalt overlay, paved shoulder widening, shoulder corrugations, signing and pavement markings on Manistique Lakes Road (H-33) from Norton Road to the north county line, Mackinac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206155A	21A0070	N/A	STL 49000
210359A	21A0060	N/A	HRRR 49000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $113,000.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	80.000	Syd
0030	Shoulder, Cl II	3070121	2,200.000	Ton
0040	Shoulder, Cl III, 3 inch	3070145	12,000.000	Syd
0050	_ Trenching - Modified	3077002	540.000	Sta
0060	Cold Milling HMA Surface	5010002	224.000	Syd
0070	HMA, 4E1	5010050	2,010.000	Ton
0080	_ HMA Ultra-thin Overlay	5017031	5,420.000	Ton
0090	Post, Steel, 3 lb	8100371	2,100.000	Ft
0100	Sign, Type III, Rem	8100403	75.000	Ea
0110	Sign, Type IIIB	8100405	540.000	Sft
0120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	147.000	Ea
0130	Recessing Pavt Mrkg, Longit	8110450	79,060.000	Ft
0140	Pavt Mrkg, Wet Retrflec Modified Urethane, 6 inch, White	8110511	76,000.000	Ft
0150	Pavt Mrkg, Wet Retrflec Modified Urethane, 4 inch, Yellow	8110514	58,000.000	Ft
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	54.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	54.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,600.000	Ft
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	704.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	704.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	Monument Box Adjust	8210005	9.000	Ea

0260	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	54,600.000	Ft

12/29/2020 3:05 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 009 **Letting Date:** February 5, 2021 **Contract ID:** 77111-116482

Description: 1.23 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders, resurfacing parking lot and pavement markings on Wadhams Road from the I-94 westbound ramp north to Gratiot Road, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116482A	21A0198	N/A	ST 77111
204997A	21A0106	N/A	STL 77111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $36,900.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Trenching	3070200	102.000	Sta
0040	_ Approach, CI II, Modified	3077031	105.000	Ton
0050	_ Shoulder, CI II, Modified	3077031	55.000	Ton
0060	Cold Milling HMA Surface	5010002	18,850.000	Syd
0070	Pavt for Butt Joints, Rem	5010008	50.000	Syd
0080	Hand Patching	5010025	10.000	Ton
0090	HMA, 3E10	5010046	676.000	Ton
0100	HMA, 5E10	5010058	2,547.000	Ton
0110	HMA Approach	5010061	320.000	Ton
0120	Post, Steel, 3 lb	8100371	42.000	Ft
0130	Sign, Type IIIA	8100404	6.000	Sft
0140	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	41.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0190	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	134.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,523.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,112.000	Ft
0230	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	130.000	Ft
0240	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,700.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea

0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	143.000	Ea
0280	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	143.000	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 R, Tape, 4 inch, White, Temp	8120245	40.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	520.000	Ft
0340	Sign Cover	8120310	1.000	Ea
0350	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	456.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	456.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	25.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	25.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	_ Monument Box, Special	8127050	3.000	Ea
0430	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr

12/29/2020 3:05 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 010 **Letting Date:** February 5, 2021 **Contract ID:** 78012-129399

Description: 2.19 mi of bridge superstructure, watermain and lighting replacements, riprap placement, chip and fog seal and approach work on US-131BR from north of US-131 to north of Spring Street, St. Joseph County. This project includes a 2 year performance warranty for concrete surface coating and a 2 year pavement performance single chip seal warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129399A	21A0242	N/A	ST 78012
203665A	21A0243	N/A	ST 78012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $345,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	55.000	Ft
0040	Curb and Gutter, Rem	2040020	162.000	Ft
0050	Pavt, Rem	2040050	1,231.000	Syd
0060	Sidewalk, Rem	2040055	293.000	Syd
0070	Embankment, CIP	2050010	150.000	Cyd
0080	Excavation, Earth	2050016	841.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	906.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	20.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	62.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	11.000	Ea
0140	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0150	Erosion Control, Silt Fence	2080036	645.000	Ft
0160	Subbase, CIP	3010002	624.000	Cyd
0170	Aggregate Base, 3 inch	3020008	164.000	Syd
0180	Aggregate Base, 4 inch	3020010	198.000	Syd
0190	Aggregate Base, 6 inch	3020016	1,341.000	Syd
0200	Shoulder, Cl II	3070121	277.000	Ton
0210	Sewer, Cl A, 12 inch, Tr Det B	4020033	8.000	Ft
0220	Sewer, Cl A, 18 inch, Tr Det B	4020035	36.000	Ft
0230	Sewer Tap, 18 inch	4021206	1.000	Ea
0240	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0250	Video Taping Sewer and Culv Pipe	4021275	36.000	Ft

0260	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0270	Dr Structure Cover, Type B	4030010	3.000	Ea
0280	Dr Structure Cover, Type D	4030025	2.000	Ea
0290	Dr Structure Cover, Type K	4030050	1.000	Ea
0300	Dr Structure, 48 inch dia	4030210	2.000	Ea
0310	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0320	Dr Structure, Tap, 4 inch	4030304	4.000	Ea
0330	Dr Structure, Tap, 6 inch	4030306	11.000	Ea
0340	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0350	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0360	Underdrain, Subbase, 6 inch	4040063	713.000	Ft
0370	Underdrain, Subgrade, 6 inch	4040073	50.000	Ft
0380	Underdrain Outlet, 6 inch	4040093	75.000	Ft
0390	Pavt, Cleaning	5010001	1.000	LSUM
0400	Cold Milling HMA Surface	5010002	212.000	Syd
0410	Bump Grinding	5010004	200.000	Syd
0420	HMA Surface, Rem	5010005	1,496.000	Syd
0430	HMA Quality Initiative	5010007	744.000	Dlr
0440	Longitudinal Joint Density Quality Initiative	5010018	1,767.000	Dlr
0450	Pavt Joint and Crack Repr, Det 7	5010020	72.000	Ft
0460	Pavt Joint and Crack Repr, Det 8	5010021	72.000	Ft
0470	Hand Patching	5010025	13.000	Ton
0480	HMA Approach	5010061	360.000	Ton
0490	Overband Crack Fill, Lane	5020003	5.600	Lnmi
0500	Chip Seal, Single, Warranty	5050040	55,907.000	Syd
0510	_ Seal, Fog	5057011	55,907.000	Syd
0520	Joint, Expansion, E3	6020208	125.000	Ft
0530	Conc Quality Initiative	6020401	200.000	Dlr
0540	_ Conc Base Cse, Nonreinf, 11 1/2 inch	6027011	48.000	Syd
0550	Lane Tie, Epoxy Anchored	6030030	20.000	Ea
0560	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	343.000	Syd
0570	Pipe Sleeve, 14 inch	7060076	2.000	Ea
0580	_ Pedestrian Ramp, Temp	8007050	4.000	Ea
0590	Driveway, Nonreinf Conc, 6 inch	8010005	5.000	Syd
0600	Curb and Gutter, Conc, Det C4	8020023	357.000	Ft
0610	Driveway Opening, Conc, Det M	8020050	86.000	Ft
0620	_ Curb and Gutter, Conc, Det C3, Modified	8027001	57.000	Ft
0630	Curb Ramp Opening, Conc	8030030	8.000	Ft
0640	Sidewalk Ramp, Conc, 6 inch	8030036	277.000	Sft
0650	Sidewalk, Conc, 4 inch	8030044	2,123.000	Sft
0660	Sidewalk, Conc, 6 inch	8030046	125.000	Sft
0670	_ Sidewalk, Conc, 4 inch, Decorative	8037010	109.000	Sft
0680	Fdn, Wood Support, Rem	8100280	1.000	Ea
0690	Post, Steel, 3 lb	8100371	30.000	Ft
0700	Sign, Type II, Rem	8100397	1.000	Ea

0710	Sign, Type III, Rem	8100403	4.000	Ea
0720	Sign, Type IIIB	8100405	15.000	Sft
0730	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,170.000	Ft
0740	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	264.000	Ft
0750	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	290.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0810	Pavt Mrkg, Waterborne, 4 inch, White	8110231	840.000	Ft
0820	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,370.000	Ft
0830	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,330.000	Ft
0840	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	840.000	Ft
0850	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	21,370.000	Ft
0860	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	9,330.000	Ft
0870	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	296.000	Ft
0880	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	296.000	Ft
0890	Rem Spec Mrkg	8110343	2,200.000	Sft
0900	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0910	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	560.000	Ft
0920	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	70.000	Ft
0930	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0940	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0950	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0960	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0970	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0980	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0990	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
1000	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
1010	Conc Barrier, Temp, Adj	8120080	400.000	Ft
1020	Conc Barrier, Temp, Furn	8120081	400.000	Ft
1030	Conc Barrier, Temp, Oper	8120082	400.000	Ft
1040	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	10.000	Ea
1050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1060	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1070	Minor Traf Devices	8120170	1.000	LSUM
1080	Mobile Attenuator	8120180	2.000	Ea
1090	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,440.000	Ft

1110	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
1120	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
1130	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	96.000	Ft
1140	PTS System, Temp, Furn	8120270	1.000	Ea
1150	PTS System, Temp, Oper	8120271	1.000	Ea
1160	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	75.000	Ea
1170	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	600.000	Ea
1180	Sign Cover	8120310	10.000	Ea
1190	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1200	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1210	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
1220	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
1230	Sign, Type B, Temp, Prismatic, Furn	8120350	2,272.000	Sft
1240	Sign, Type B, Temp, Prismatic, Oper	8120351	2,272.000	Sft
1250	Traf Regulator Control	8120370	1.000	LSUM
1260	Conc Barrier, Temp, Limited Deflection, Det 4A, Furn	8121300	400.000	Ft
1270	Conc Barrier, Temp, Limited Deflection, Det 4A, Oper	8121301	400.000	Ft
1280	Conc Barrier, Temp, Limited Deflection, Det 4A, Adj	8121302	400.000	Ft
1290	Conc Barrier, Temp, Limited Deflection, Det 4A, Relocated	8121303	400.000	Ft
1300	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,330.000	Ft
1310	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,680.000	Ft
1320	_ Slope Restoration, Bonded Fiber Matrix	8167011	238.000	Syd
1330	Cable, Rem	8190016	105.000	Ft
1340	Conduit, Directional Bore, 4 inch	8190046	230.000	Ft
1350	DB Cable, in Conduit, 600V, 1/C#8	8190212	770.000	Ft
1360	Cable, Equipment Grounding Wire, 1/C#8	8190237	385.000	Ft
1370	Hh, Heavy Duty Cover	8190246	2.000	Ea
1380	Light Std Shaft, 30 foot or less	8190285	2.000	Ea
1390	Luminaire, Rem	8190360	1.000	Ea
1400	_ Light Std Arm, 15 foot, Rem	8197050	1.000	Ea
1410	_ Light Std Shaft, 30 foot or less, Rem	8197050	1.000	Ea
1420	_ Luminaire, Bridge	8197050	2.000	Ea
1430	TS Face, Bag	8200458	4.000	Ea
1440	TS Face, Bag, Rem	8200459	4.000	Ea
1450	Monument Box	8210001	9.000	Ea
1460	Monument Box Adjust	8210005	4.000	Ea
1470	Monument Preservation	8210010	7.000	Ea
1480	Protect Corners	8210020	14.000	Ea
1490	Gate Valve and Box, 4 inch	8230050	1.000	Ea
1500	Gate Valve and Box, 10 inch	8230053	2.000	Ea

1510	Gate Well,Abandon	8230075	1.000	Ea
1520	Water Main, DI, 10 inch, Tr Det G	8230161	276.000	Ft
1530	Water Serv, Long	8230245	1.000	Ea
1540	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
1550	_ Water Main, DI, 10 inch, Bridge Crossing	8237001	267.000	Ft
1560	_ Water Main, DI, 4 inch, Tr Det F	8237001	20.000	Ft
1570	_ Flushing Hydrant	8237050	1.000	Ea
1580	_ Water Main, Bridge Support Assembly	8237050	30.000	Ea
1590	Contractor Staking	8240001	1.000	LSUM
1600	Staking Plan Errors and Extras, One Person	8240020	21.000	Hr
1610	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
1620	Staking Plan Errors and Extras, Three Person	8240022	13.000	Hr
1630	_ Contaminated Water Transport and Disposal	8507022	30,000.000	Gal
1640	_ Contaminated Water Removal and Storage	8507022	30,000.000	Gal

Section: 2

1650	Asbestos Materials, Rem and Disposal	2040001	25,000.000	Dlr
1660	Backfill, Structure, CIP	2060002	552.000	Cyd
1670	Excavation, Fdn	2060010	552.000	Cyd
1680	Erosion Control, Sand Bag	2080028	510.000	Ea
1690	Erosion Control, Turbidity Curtain, Deep	2080042	100.000	Ft
1700	Underdrain, Fdn, 4 inch	4040031	329.000	Ft
1710	Underdrain Outlet, 4 inch	4040091	640.000	Ft
1720	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	250.000	Sft
1730	_ Steel Sheet Piling, Temp, Special	7047010	250.000	Sft
1740	Bridge Ltg, Furn and Rem (B01 of 78012)	7060001	1.000	LSUM
1750	Bridge Ltg, Oper and Maintain	7060002	336.000	Cyd
1760	Conduit, 4 inch	7060032	700.000	Ft
1770	Expansion Joint Device	7060050	193.000	Ft
1780	Expansion Joint Device, Cover Plate	7060051	59.000	Ft
1790	False Decking	7060060	24,450.000	Sft
1800	Pipe Sleeve, 8 inch	7060070	2.000	Ea
1810	Reinforcement, Steel, Epoxy Coated	7060092	115,250.000	Lb
1820	Substructure Conc, High Performance	7060101	151.000	Cyd
1830	Superstructure Conc, Form, Finish, and Cure (B01 of 78012)	7060111	1.000	LSUM
1840	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 78012)	7060112	1.000	LSUM
1850	Superstructure Conc, High Performance	7060116	124.000	Cyd
1860	Superstructure Conc, Night Casting, High Performance	7060117	336.000	Cyd
1870	_ Conduit, 2 inch	7067001	300.000	Ft
1880	Bearing, Elastomeric, 3 1/4 inch	7070021	9,280.000	Sin
1890	Shear Developers (B01 of 78012)	7070040	1.000	LSUM
1900	Structural Steel, Mixed, Erect	7070050	46,592.000	Lb
1910	Structural Steel, Mixed, Furn and Fab	7070051	46,592.000	Lb

1920	Structural Steel, Rolled Shape, Erect	7070070	152,199.000	Lb
1930	Structural Steel, Rolled Shape, Furn and Fab	7070071	152,199.000	Lb
1940	Joint Waterproofing	7100001	1,358.000	Sft
1950	Conc Surface Coating, Warranty (B01 of 78012)	7100009	1.000	LSUM
1960	Substructure Horizontal Surface Sealer (B01 of 78012)	7100030	90.000	Syd
1970	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	622.000	Ft
1980	Hand Chipping, Other Than Deck	7120007	412.000	Cft
1990	Patch, Forming	7120017	1,634.000	Sft
2000	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	12.000	Ea
2010	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	478.000	Ea
2020	Structures, Rehabilitation, Rem Portions (B01 of 78012)	7120070	1.000	LSUM
2030	Patching Conc, C-L	7120112	16.000	Cyd
2040	Embedded Galvanic Anode	7120120	122.000	Ea
2050	Field Repair of Damaged Coating (B01 of 78012)	7160001	1.000	LSUM
2060	Drain Casting Assembly	7170010	34.000	Ea
2070	Riprap, Plain	8130011	155.000	Ton
2080	_ Simulated Stone Masonry	8507011	73.000	Syd

12/29/2020 3:05 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 011 **Letting Date:** February 5, 2021 **Contract ID:** 73031-201643

Description: 0.15 mi of bridge reconstruction with 54 inch bulb-tee beams, scour countermeasures, hot mix asphalt reconstruction, water main, signing and pavement markings on M-52 over Marsh Creek, Saginaw County. A mandatory pre-bid meeting will be held at 11:00 a.m. on Thursday January 14, 2021, via a virtual Microsoft Teams Meeting. This project includes a 2 year concrete surface coating warranty and a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201643A	21A0239	N/A	ST 73031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $234,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Asbestos Materials, Rem and Disposal	2040001	12,000.000	Dlr
0070	Guardrail, Rem	2040035	1,059.000	Ft
0080	Pavt, Rem	2040050	382.000	Syd
0090	Embankment, CIP	2050010	270.000	Cyd
0100	Excavation, Earth	2050016	3,664.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	108.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0140	Erosion Control, Sediment Trap	2080034	9.000	Ea
0150	Erosion Control, Silt Fence	2080036	641.000	Ft
0160	Subbase, CIP	3010002	2,138.000	Cyd
0170	Aggregate Base, LM	3020002	331.000	Cyd
0180	Aggregate Base, 6 inch	3020016	3,177.000	Syd
0190	Maintenance Gravel	3060020	114.000	Ton
0200	Approach, Cl II, 6 inch	3070028	101.000	Syd
0210	_ Shoulder, Cl II, 6.5 inch	3077011	207.000	Syd
0220	Dr Marker Post	4011109	2.000	Ea
0230	Sewer, Cl A, 12 inch, Tr Det B	4020033	312.000	Ft
0240	Dr Structure Cover, Type B	4030010	3.000	Ea
0250	Dr Structure Cover, Type C	4030015	3.000	Ea
0260	Dr Structure, 24 inch dia	4030200	2.000	Ea

0270	Dr Structure, 48 inch dia	4030210	4.000	Ea
0280	HMA Surface, Rem	5010005	3,053.000	Syd
0290	HMA Quality Initiative	5010007	2,030.000	Dlr
0300	Longitudinal Joint Density Quality Initiative	5010018	6,128.000	Dlr
0310	HMA, 3E3	5010045	382.000	Ton
0320	HMA, 4E3	5010051	255.000	Ton
0330	HMA, 5E3	5010057	191.000	Ton
0340	HMA Approach	5010061	187.000	Ton
0350	Joint, Expansion, E3	6020208	84.000	Ft
0360	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	522.000	Ft
0370	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	198.000	Syd
0380	Conc, Grade S2	7060011	2.000	Cyd
0390	Reinforcement, Steel, Culv and Headwall	7060091	80.000	Lb
0400	Curb and Gutter, Bridge Approach	8020010	78.000	Ft
0410	Curb and Gutter, Conc, Det D2	8020031	289.000	Ft
0420	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0430	Spillway, Conc	8020075	20.000	Ft
0440	Guardrail, Type MGS-8	8070004	514.000	Ft
0450	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0460	Guardrail Reflector	8070080	38.000	Ea
0470	Post, Mailbox	8070095	2.000	Ea
0480	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0490	_ Relocating Mailboxes	8077050	2.000	Ea
0500	Delineator Reflector, Green	8100133	7.000	Ea
0510	Delineator, Rem	8100349	13.000	Ea
0520	Post, Rigid, Delineator	8100361	5.000	Ea
0530	Post, Steel, 3 lb	8100371	157.000	Ft
0540	Post, Wood, 4 inch by 6 inch	8100380	30.000	Ft
0550	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0560	Sign, Type II, Rem	8100397	1.000	Ea
0570	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0580	Sign, Type III, Rem	8100403	10.000	Ea
0590	Reflective Panel for Permanent Sign Support, 6 foot	8100616	5.000	Ea
0600	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,416.000	Ft
0610	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,573.000	Ft
0620	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,175.000	Ft
0630	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	240.000	Ft
0640	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	429.000	Ft
0650	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	429.000	Ft
0660	Recessing Pavt Mrkg, Longit	8110450	2,305.000	Ft
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0690	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea

0700	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0710	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0720	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0730	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0740	Conc Barrier, Temp, Furn	8120081	256.000	Ft
0750	Conc Barrier, Temp, Oper	8120082	256.000	Ft
0760	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	10.000	Ea
0770	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0780	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0790	Minor Traf Devices	8120170	1.000	LSUM
0800	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,195.000	Ft
0810	Plastic Drum, Fluorescent, Furn	8120252	34.000	Ea
0820	Plastic Drum, Fluorescent, Oper	8120253	34.000	Ea
0830	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
0840	PTS System, Temp, Furn	8120270	2.000	Ea
0850	PTS System, Temp, Oper	8120271	2.000	Ea
0860	Sign Cover	8120310	5.000	Ea
0870	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0880	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0890	Sign, Type B, Temp, Prismatic, Furn	8120350	1,336.000	Sft
0900	Sign, Type B, Temp, Prismatic, Oper	8120351	1,336.000	Sft
0910	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	63.000	Sft
0920	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	63.000	Sft
0930	Traf Regulator Control	8120370	1.000	LSUM
0940	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	256.000	Ft
0950	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	256.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,000.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,000.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	1,540.000	Ft
0990	_ Slope Restoration, Bonded Fiber Matrix	8167011	4,878.000	Syd
1000	Centerline Corrugations, Milled, HMA	8220013	280.000	Ft
1010	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	702.000	Ft
1020	Gate Valve and Box, 12 inch	8230054	2.000	Ea
1030	Water Main, DI, 12 inch, Tr Det F	8230165	47.000	Ft
1040	_ Water Main, HDPE, 14 inch, Directional Bore	8237001	331.000	Ft
1050	Contractor Staking	8240001	1.000	LSUM
1060	Staking Plan Errors and Extras, One Person	8240020	18.000	Hr
1070	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1080	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr
1090	Flowable Fill, Non-Structural	8260148	10.000	Cyd

Section: 2

1100	Structures, Rem (B07 of 73031)	2040060	1.000	LSUM
1110	Backfill, Structure, CIP	2060002	605.000	Cyd
1120	Excavation, Fdn	2060010	3,910.000	Cyd
1130	Erosion Control, Filter Bag	2080014	4.000	Ea
1140	Erosion Control, Gravel Filter Berm	2080018	200.000	Ft
1150	Erosion Control, Turbidity Curtain, Deep	2080042	400.000	Ft
1160	Underdrain, Fdn, 4 inch	4040031	560.000	Ft
1170	Underdrain Outlet, 4 inch	4040091	200.000	Ft
1180	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1190	_ Steel Sheet Piling, Temp, Spec	7047010	1,125.000	Sft
1200	Pile Driving Equipment, Furn (B07 of 73031)	7050002	1.000	LSUM
1210	Pile, Steel, Furn and Driven, 14 inch	7050034	1,540.000	Ft
1220	Pile Point, Steel	7050039	30.000	Ea
1230	Pile, Steel, Splice	7050050	30.000	Ea
1240	_ Test Pile, Dynamic Analysis	7057050	4.000	Ea
1250	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	2.000	Ea
1260	Bridge Ltg, Furn and Rem (B07 of 73031)	7060001	1.000	LSUM
1270	Bridge Ltg, Oper and Maintain	7060002	355.000	Cyd
1280	Expansion Joint Device	7060050	90.000	Ft
1290	False Decking	7060060	6,470.000	Sft
1300	Substructure Conc, High Performance	7060101	258.000	Cyd
1310	Superstructure Conc, Form, Finish, and Cure (B07 of 73031)	7060111	1.000	LSUM
1320	Superstructure Conc, Form, Finish, and Cure, Night Casting (B07 of 73031)	7060112	1.000	LSUM
1330	Superstructure Conc, High Performance	7060116	21.000	Cyd
1340	Superstructure Conc, Night Casting, High Performance	7060117	355.000	Cyd
1350	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	362.000	Sft
1360	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	362.000	Sft
1370	_ Reinforcement, Steel, Low Carbon Chromium	7067030	94,542.000	Lb
1380	Bearing, Elastomeric, 1 inch	7070012	5,772.000	Sin
1390	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	1,781.000	Lb
1400	Steel Diaphragm, Prest Conc Beam, Erect	7070054	1,781.000	Lb
1410	Prest Conc Bulb-Tee Beam, Furn, 54 inch by 49 inch	7080125	686.000	Ft
1420	Prest Conc Bulb-Tee Beam, Erect, 54 inch by 49 inch	7080126	686.000	Ft
1430	Joint Waterproofing	7100001	193.000	Sft
1440	Joint Waterproofing, Expansion	7100003	166.000	Sft
1450	Conc Surface Coating, Warranty (B07 of 73031)	7100009	1.000	LSUM
1460	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	257.000	Ft
1470	Riprap, Plain	8130011	1,655.000	Ton
1480	_ Random Riprap Matrix	8137011	420.000	Syd
1490	_ Riprap, Under Structures, Plain	8137031	625.000	Ton

12/29/2020 3:05 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 012 **Letting Date:** February 5, 2021 **Contract ID:** 50022-208482

Description: 5.05 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, drainage, signing, guardrail, pavement markings, bridge rehabilitation including epoxy overlay, concrete patching, partial painting and slope paving on 7 structures on M-59 from Romeo Plank Road to I-94, Macomb County. This project includes a 5 year materials and workmanship pavement warranty and a 5 year epoxy overlay performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208482A	N/A	N/A	RBMP 50022
210094A	21A0230	N/A	ST 50022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Facilitated Partnering	1027060	16,000.000	Dlr
0020	_ Facilitated Partnering, Facilitator Travel Costs	1027060	1.000	Dlr
0030	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0040	Dispute Review Board, Progress Meeting	1040050	66,500.000	Dlr
0050	Mobilization, Max $5,608,000.00	1500001	1.000	LSUM
0060	Clearing	2010001	0.100	Acre
0070	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0080	Tree, Rem, 6 inch to 18 inch	2020004	18.000	Ea
0090	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0100	Stump, Rem, 6 inch to 18 inch	2020008	232.000	Ea
0110	Culv, Rem, Less than 24 inch	2030001	19.000	Ea
0120	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0130	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0140	Culv, End, Rem, 24 inch to 48 inch	2030006	8.000	Ea
0150	Dr Structure, Rem	2030011	265.000	Ea
0160	Sewer, Rem, Less than 24 inch	2030015	4,184.000	Ft
0170	Sewer, Rem, 24 inch to 48 inch	2030016	1,168.000	Ft
0180	Curb and Gutter, Rem	2040020	2,709.000	Ft
0190	Curb, Rem	2040021	3,853.000	Ft
0200	Fence, Rem	2040025	10,891.000	Ft
0210	Guardrail, Rem	2040035	6,832.000	Ft
0220	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0230	Pavt, Rem	2040050	316,298.000	Syd
0240	Sidewalk, Rem	2040055	3,248.000	Syd
0250	Exploratory Investigation, Vertical	2040080	960.000	Ft

0260	Embankment, CIP	2050010	24,782.000	Cyd
0270	Excavation, Earth	2050016	271,151.000	Cyd
0280	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0290	Subgrade Undercutting, Type II	2050041	7,100.000	Cyd
0300	_ Subgrade Undercutting, Modified	2057021	500.000	Cyd
0310	Erosion Control, Check Dam, Stone	2080012	300.000	Ft
0320	Erosion Control, Gravel Access Approach	2080016	8.000	Ea
0330	Erosion Control, Gravel Filter Berm	2080018	75.000	Ft
0340	Erosion Control, Inlet Protection, Fabric Drop	2080020	427.000	Ea
0350	Erosion Control, Inlet Protection, Sediment Trap	2080024	27.000	Ea
0360	Erosion Control, Maintenance, Sediment Removal	2080026	35.000	Cyd
0370	Erosion Control, Sediment Trap	2080034	25.000	Ea
0380	Erosion Control, Silt Fence	2080036	23,230.000	Ft
0390	Project Cleanup	2090001	1.000	LSUM
0400	Subbase, CIP	3010002	88,754.000	Cyd
0410	Aggregate Base, 4 inch	3020010	1,260.000	Syd
0420	Aggregate Base, 6 inch	3020016	9,722.000	Syd
0430	Aggregate Base, 12 inch	3020030	6,469.000	Syd
0440	_ Open-Graded Dr Cse, 16 inch	3037011	404,377.000	Syd
0450	Shoulder, Cl II, 6 inch	3070128	3,061.000	Syd
0460	Shoulder, Cl ll, 6 inch, Temp	3070183	380.000	Syd
0470	Geotextile, Separator	3080005	443,577.000	Syd
0480	Geotextile, Stabilization	3080010	1,000.000	Syd
0490	Culv End Sect, 15 inch	4010015	4.000	Ea
0500	Culv End Sect, 18 inch	4010018	15.000	Ea
0510	Culv End Sect, 24 inch	4010024	4.000	Ea
0520	Culv End Sect, 30 inch	4010030	11.000	Ea
0530	Culv End Sect, 36 inch	4010036	7.000	Ea
0540	Culv End Sect, Conc, 60 inch	4010057	3.000	Ea
0550	Culv, Cl A, 12 inch	4010131	135.000	Ft
0560	Culv, Cl A, 15 inch	4010132	220.000	Ft
0570	Culv, Cl A, 18 inch	4010133	278.000	Ft
0580	Culv, Cl A, 24 inch	4010134	205.000	Ft
0590	Culv, Downspout, 12 inch	4010795	740.000	Ft
0600	Outfall Label	4011115	11.000	Ea
0610	_ Stoplog Structure Modification	4017050	5.000	Ea
0620	Sewer, Cl A, 12 inch, Tr Det B	4020033	8,333.000	Ft
0630	Sewer, Cl A, 15 inch, Tr Det B	4020034	726.000	Ft
0640	Sewer, Cl A, 18 inch, Tr Det B	4020035	764.000	Ft
0650	Sewer, Cl A, 24 inch, Tr Det B	4020036	581.000	Ft
0660	Sewer, Cl A, 30 inch, Tr Det B	4020037	175.000	Ft
0670	Sewer, Cl A, 36 inch, Tr Det B	4020038	847.000	Ft
0680	Sewer, Cl A, 48 inch, Tr Det B	4020040	137.000	Ft
0690	Sewer, Cl A, 54 inch, Tr Det B	4020041	71.000	Ft

0700	Sewer, Cl A, 60 inch, Tr Det B	4020042	71.000	Ft
0710	Sewer, Cl E, 12 inch, Tr Det B	4020600	5,539.000	Ft
0720	Sewer, Cl E, 15 inch, Tr Det B	4020601	117.000	Ft
0730	Sewer, Cl E, 18 inch, Tr Det B	4020602	100.000	Ft
0740	Sewer, Cl E, 36 inch, Tr Det B	4020605	460.000	Ft
0750	Sewer Tap, 6 inch	4021201	1.000	Ea
0760	Sewer Tap, 12 inch	4021204	54.000	Ea
0770	Sewer Tap, 18 inch	4021206	11.000	Ea
0780	Sewer Tap, 24 inch	4021207	5.000	Ea
0790	Sewer Tap, 30 inch	4021208	6.000	Ea
0800	Sewer Tap, 36 inch	4021209	1.000	Ea
0810	Sewer Tap, 48 inch	4021211	2.000	Ea
0820	Sewer Bulkhead, 15 inch	4021231	5.000	Ea
0830	Sewer Bulkhead, 18 inch	4021232	5.000	Ea
0840	Sewer Bulkhead, 24 inch	4021234	5.000	Ea
0850	Trench Undercut and Backfill	4021260	300.000	Cyd
0860	Video Taping Sewer and Culv Pipe	4021275	14,109.000	Ft
0870	Dr Structure Cover, Adj, Case 1, Modified	4030004	362.000	Ea
0880	Dr Structure Cover, Adj, Case 1	4030005	132.000	Ea
0890	Dr Structure Cover, Adj, Case 2	4030006	23.000	Ea
0900	Dr Structure Cover, Type B	4030010	238.000	Ea
0910	Dr Structure Cover, Type C	4030015	9.000	Ea
0920	Dr Structure Cover, Type D	4030025	19.000	Ea
0930	Dr Structure Cover, Type G	4030040	49.000	Ea
0940	Dr Structure Cover, Type J	4030045	562.000	Ea
0950	Dr Structure Cover, Type K	4030050	4.000	Ea
0960	Dr Structure Cover, Type Q	4030065	32.000	Ea
0970	Dr Structure, 24 inch dia	4030200	193.000	Ea
0980	Dr Structure, 48 inch dia	4030210	233.000	Ea
0990	Dr Structure, 60 inch dia	4030220	17.000	Ea
1000	Dr Structure, 72 inch dia	4030230	4.000	Ea
1010	Dr Structure, 84 inch dia	4030231	4.000	Ea
1020	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	4.000	Ft
1030	Dr Structure, 96 inch dia	4030234	4.000	Ea
1040	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	6.000	Ft
1050	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	10.000	Ft
1060	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	22.000	Ft
1070	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	33.000	Ft
1080	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	1.000	Ft
1090	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	14.000	Ft

1100	Dr Structure, Tap, 6 inch	4030306	185.000	Ea
1110	Dr Structure, Tap, 12 inch	4030312	47.000	Ea
1120	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
1130	Dr Structure, Tap, 18 inch	4030318	7.000	Ea
1140	Dr Structure, Tap, 24 inch	4030324	7.000	Ea
1150	Dr Structure, Tap, 30 inch	4030330	4.000	Ea
1160	Dr Structure, Tap, 36 inch	4030336	6.000	Ea
1170	Dr Structure, Tap, 48 inch	4030348	6.000	Ea
1180	Dr Structure, Temp Lowering	4030390	4.000	Ea
1190	_ Dr Structure Cover, Type D, Modified	4037050	13.000	Ea
1200	Underdrain, Pipe, Open-Graded, 6 inch	4040043	163,543.000	Ft
1210	Underdrain, Subgrade, 6 inch	4040073	400.000	Ft
1220	Underdrain Outlet, 6 inch	4040093	875.000	Ft
1230	Underdrain, Outlet Ending, 6 inch	4040113	38.000	Ea
1240	_ Underdrain, Rem	4047001	2,000.000	Ft
1250	Pavt, Cleaning	5010001	1.000	LSUM
1260	Cold Milling HMA Surface	5010002	40,911.000	Syd
1270	Bump Grinding	5010004	2,000.000	Syd
1280	HMA Surface, Rem	5010005	76,309.000	Syd
1290	HMA Quality Initiative	5010007	294,724.000	Dlr
1300	Longitudinal Joint Density Quality Initiative	5010018	583,680.000	Dlr
1310	Pavt Joint and Crack Repr, Det 7	5010020	132.000	Ft
1320	Hand Patching	5010025	107.000	Ton
1330	HMA, 3E03	5010043	17,060.000	Ton
1340	HMA, 3E10	5010046	36,007.000	Ton
1350	HMA, 4E03	5010049	8,744.000	Ton
1360	HMA Approach	5010061	1,066.000	Ton
1370	HMA, 4E03, High Stress	5010507	12,228.000	Ton
1380	HMA, 4E10, High Stress	5010510	44,261.000	Ton
1390	HMA Approach, High Stress	5010520	27,889.000	Ton
1400	HMA, Temp Pavt (3E3)	5010804	4,233.000	Ton
1410	HMA, Temp Pavt (5E3)	5010806	8,914.000	Ton
1420	_ Decorative HMA Crosswalk	5017011	429.000	Syd
1430	_ Ride Incentive	5017060	102,874.000	Dlr
1440	Joint, Expansion, E3	6020208	416.000	Ft
1450	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	2,069.000	Syd
1460	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	584.000	Syd
1470	Lane Tie, Epoxy Anchored	6030030	305.000	Ea
1480	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	1,698.000	Syd
1490	_ Rub Rail	7097001	100.000	Ft
1500	Coating Galvanized Support Structures	7160010	79.000	Ea
1510	_ Pedestrian Path, Temp	8007001	1,000.000	Ft
1520	_ Cabinet Entry, Through Metal	8007050	3.000	Ea
1530	_ Hh, Clean	8007050	2.000	Ea
1540	_ Managed Field Ethernet Switch, Fiber Capable	8007050	18.000	Ea

1550	_ Pedestrian Ramp, Temp	8007050	20.000	Ea
1560	_ Roadside Unit, Intersection	8007050	19.000	Ea
1570	_ Ancillary Conduit Infrastructure	8007051	1.000	LSUM
1580	Driveway, Nonreinf Conc, 6 inch	8010005	292.000	Syd
1590	Driveway, Nonreinf Conc, 8 inch	8010007	4,141.000	Syd
1600	Curb and Gutter, Bridge Approach	8020010	819.000	Ft
1610	Curb and Gutter, Conc, Det B1	8020015	3,317.000	Ft
1620	Curb and Gutter, Conc, Det B2	8020016	83,955.000	Ft
1630	Curb and Gutter, Conc, Det D2	8020031	4,090.000	Ft
1640	Curb and Gutter, Conc, Det F3	8020037	1,066.000	Ft
1650	Curb and Gutter, Conc, Det F4	8020038	152.000	Ft
1660	Driveway Opening, Conc, Det M	8020050	5,700.000	Ft
1670	Shoulder Gutter, Conc, Det 1	8020055	7.000	Ea
1680	Shoulder Gutter, Conc, Det 2	8020056	23.000	Ea
1690	Shoulder Gutter, Conc, Det 3	8020057	4.000	Ea
1700	Downspout Header, Conc	8020070	13.000	Ea
1710	Spillway, Conc	8020075	411.000	Ft
1720	_ Curb and Gutter, Conc, Det B1, Modified	8027001	115.000	Ft
1730	_ Curb and Gutter, Conc, Det F3, Modified	8027001	28.000	Ft
1740	_ Curb and Gutter, Conc, Det F4, Modified	8027001	20.000	Ft
1750	Detectable Warning Surface	8030010	95.000	Ft
1760	Curb Ramp Opening, Conc	8030030	534.000	Ft
1770	Sidewalk Ramp, Conc, 6 inch	8030036	6,974.000	Sft
1780	Sidewalk, Conc, 4 inch	8030044	95,227.000	Sft
1790	Sidewalk, Conc, 6 inch	8030046	632.000	Sft
1800	Sidewalk, Conc, 8 inch	8030048	18,275.000	Sft
1810	Sidewalk, Clay Brick Pavers	8030050	453.000	Sft
1820	Sidewalk, Clay Brick Pavers, Rem	8030051	323.000	Sft
1830	Curb Sloped, HMA	8050010	3,853.000	Ft
1840	Shared use Path, HMA	8060040	351.000	Ton
1850	Guardrail, Type MGS-8	8070004	5,373.000	Ft
1860	Guardrail Anch, Bridge, Det T1	8070022	19.000	Ea
1870	Guardrail Approach Terminal, Type 2M	8070044	15.000	Ea
1880	Guardrail Departing Terminal, Type MGS	8070052	7.000	Ea
1890	Guardrail Reflector	8070080	128.000	Ea
1900	Post, Mailbox	8070095	18.000	Ea
1910	Fence, Protective	8080007	5,000.000	Ft
1920	Fence, Structure	8080110	110.000	Sft
1930	_ Fence, Chain Link with Wire Rope, 72 inch, Vinyl Coated	8087001	10,878.000	Ft
1940	_ Fence Gate, 12 foot, for 72 inch Chain Link Fence with Wire Rope, Vinyl Coated	8087050	6.000	Ea
1950	Field Office, Cl 2	8090002	21.000	Mo
1960	Field Office, Utility Fees	8090010	6,615.000	Dlr
1970	Delineator Reflector, Yellow	8100132	3.000	Ea

1980	Delineator Reflector, Green	8100133	51.000	Ea
1990	Delineator Reflector, White	8100134	17.000	Ea
2000	Fdn, Wood Support, Rem	8100280	53.000	Ea
2010	Installing MDOT Supplied Sign, Type III	8100302	8.000	Ea
2020	Delineator, Rem	8100349	10.000	Ea
2030	Post, Flexible, Delineator	8100360	20.000	Ea
2040	Post, Rigid, Delineator	8100361	44.000	Ea
2050	Post, Steel, 3 lb	8100371	16,013.000	Ft
2060	Post, Wood, 4 inch by 6 inch	8100380	974.000	Ft
2070	Post, Wood, 6 inch by 8 inch	8100382	1,304.000	Ft
2080	Sign, Type I, Erect, Salv	8100390	4.000	Ea
2090	Sign, Type I, Rem	8100391	4.000	Ea
2100	Sign, Type IA	8100392	92.000	Sft
2110	Sign, Type IB	8100393	12.000	Sft
2120	Sign, Type II, Erect, Salv	8100396	9.000	Ea
2130	Sign, Type II, Rem	8100397	38.000	Ea
2140	Sign, Type IIA	8100398	1,080.000	Sft
2150	Sign, Type IIB	8100399	10.000	Sft
2160	Sign, Type III, Erect, Salv	8100402	128.000	Ea
2170	Sign, Type III, Rem	8100403	893.000	Ea
2180	Sign, Type IIIA	8100404	1,738.000	Sft
2190	Sign, Type IIIB	8100405	3,362.000	Sft
2200	Transporting Salv MDOT Materials	8100420	1.000	LSUM
2210	Sign, Type V, Rem	8100421	16.000	Ea
2220	Sign, Type V, Erect, Salv	8100422	13.000	Ea
2230	Sign, Type VA	8100424	24.000	Sft
2240	Sign, Type VB	8100425	463.000	Sft
2250	Mast Arm Pole, Cat I	8100510	32.000	Ea
2260	Mast Arm, 35 foot, Cat I	8100523	5.000	Ea
2270	Mast Arm, 40 foot, Cat I	8100524	5.000	Ea
2280	Mast Arm, 45 foot, Cat I	8100525	7.000	Ea
2290	Mast Arm, 50 foot, Cat I	8100526	30.000	Ea
2300	Mast Arm Pole Fdn, 6 Bolt	8100550	508.000	Ft
2310	Reflective Panel for Permanent Sign Support, 3 foot	8100613	22.000	Ea
2320	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,725.000	Ft
2330	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	2.000	Ea
2340	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	295.000	Ft
2350	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	3,090.000	Ft
2360	Rem Spec Mrkg	8110343	1,801.000	Sft
2370	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	132.000	Ea
2380	Pavt Mrkg, Polyurea, Only	8110410	12.000	Ea
2390	Pavt Mrkg, Polyurea, Railroad Sym	8110411	9.000	Ea
2400	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	98.000	Ea
2410	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	8.000	Ea
2420	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	7.000	Ea

2430	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
2440	Recessing Pavt Mrkg, Longit	8110450	127,560.000	Ft
2450	Recessing Pavt Mrkg, Transv	8110451	20,811.000	Sft
2460	Recessing Pavt Mrkg, Guide Line	8110453	740.000	Ft
2470	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	44,740.000	Ft
2480	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	37,750.000	Ft
2490	Pavt Mrkg, Wet Retrflec Polyurea, 8 inch, White	8110502	7,175.000	Ft
2500	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	1,235.000	Ft
2510	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	4,125.000	Ft
2520	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	37,135.000	Ft
2530	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Dotted Turning Guide Line, White	8110560	790.000	Ft
2540	_ Pavt Mrkg, Decorative Crosswalk, Brick Red	8117010	7,740.000	Sft
2550	_ Pavt Mrkg, Polyurea, To	8117050	1.000	Ea
2560	_ Pavt Mrkg, Polyurea, West	8117050	1.000	Ea
2570	_ Pavt Mrkg, Preformed Thermoplastic, M59 Route Shield, 6 foot by 15 foot	8117050	1.000	Ea
2580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	300.000	Ea
2590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	300.000	Ea
2600	Pedestrian Type II Barricade, Temp	8120026	100.000	Ea
2610	Pedestrian Type II Channelizer, Temp	8120027	2,500.000	Ft
2620	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	34.000	Ea
2630	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	34.000	Ea
2640	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
2650	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
2660	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
2670	Conc Barrier, Temp, Furn	8120081	220.000	Ft
2680	Conc Barrier, Temp, Oper	8120082	220.000	Ft
2690	Conc Barrier, Temp, Relocated	8120083	220.000	Ft
2700	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
2710	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
2720	Ltg for Night Work	8120160	1.000	LSUM
2730	Minor Traf Devices	8120170	1.000	LSUM
2740	Mobile Attenuator	8120180	2.000	Ea
2750	Part Width Intersection Construction	8120190	28.000	Ea
2760	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	30,155.000	Ft
2770	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,540.000	Ft
2780	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	5,052.000	Ft
2790	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	4,100.000	Ft
2800	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	231.000	Ea
2810	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	142.000	Ea
2820	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	62,750.000	Ft
2830	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,000.000	Ft

2840	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	67,150.000	Ft
2850	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,750.000	Ft
2860	Plastic Drum, Fluorescent, Furn	8120252	1,200.000	Ea
2870	Plastic Drum, Fluorescent, Oper	8120253	1,200.000	Ea
2880	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	2,586.000	Ft
2890	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	128.000	Ea
2900	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	21.000	Ea
2910	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	3,000.000	Ft
2920	Sign Cover	8120310	200.000	Ea
2930	Sign Cover, Type 1	8120320	5.000	Ea
2940	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	22.000	Ea
2950	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	22.000	Ea
2960	Sign, Type A, Temp, Prismatic, Furn	8120340	685.000	Sft
2970	Sign, Type A, Temp, Prismatic, Oper	8120341	685.000	Sft
2980	Sign, Type B, Temp, Prismatic, Furn	8120350	6,200.000	Sft
2990	Sign, Type B, Temp, Prismatic, Oper	8120351	6,200.000	Sft
3000	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,585.000	Sft
3010	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,585.000	Sft
3020	Traf Regulator Control	8120370	1.000	LSUM
3030	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	150,500.000	Ft
3040	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	101,275.000	Ft
3050	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	12,750.000	Ft
3060	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	71,326.000	Ft
3070	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	120.000	Ft
3080	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	120.000	Ft
3090	Speed Radar Trailer, Temp	8122028	4.000	Ea
3100	_ Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, Cross Hatching, Yellow	8127001	102.000	Ft
3110	_ Pavt Mrkg, Wet Reflective, Type NR, Paint, 8 inch, White, Temp	8127001	6,850.000	Ft
3120	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8127001	132.000	Ft
3130	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 8 inch, White, Temp	8127001	5,286.000	Ft
3140	_ Driveway Maintenance	8127050	70.000	Ea
3150	_ Intersection Maintenance	8127050	48.000	Ea
3160	_ Pavt Mrkg, Type NR, Paint, Railroad Sym	8127050	10.000	Ea
3170	_ Pavt Mrkg, Type R, Tape, Railroad Sym	8127050	4.000	Ea

3180	_ Pavt Mrkg, Wet Reflective, Type NR, Paint, ONLY	8127050	12.000	Ea
3190	_ Pavt Mrkg, Wet Reflective, Type R, Tape, ONLY	8127050	15.000	Ea
3200	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Lt Turn Arrow	8127050	11.000	Ea
3210	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow	8127050	3.000	Ea
3220	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru Arrow	8127050	10.000	Ea
3230	Riprap, Plain	8130010	471.000	Syd
3240	Site Preparation, Max $59,900.00	8150001	1.000	LSUM
3250	Watering and Cultivating, First Season, Min $29,100.00	8150002	1.000	LSUM
3260	Watering and Cultivating, Second Season, Min $35,900.00	8150003	1.000	LSUM
3270	Catalpa speciosa, 2 inch	8150767	13.000	Ea
3280	Maackia amurensis, 1 1/2 inch	8152267	22.000	Ea
3290	Picea abies, 5 foot	8152741	20.000	Ea
3300	Picea omorika, 4 foot	8152786	21.000	Ea
3310	Pinus heldreichii, 5 foot	8152815	21.000	Ea
3320	Quercus bicolor, 2 inch	8153044	9.000	Ea
3330	Quercus macrocarpa, 2 inch	8153085	11.000	Ea
3340	Quercus palustris, 2 inch	8153098	3.000	Ea
3350	Quercus rubra, 2 inch	8153126	11.000	Ea
3360	_ Acer platanoides 'Summershade', 2 inch	8157050	9.000	Ea
3370	_ Acer saccharum 'Green Mountain', 2 inch	8157050	2.000	Ea
3380	_ Acer x freemanii 'Celzam', 2 inch	8157050	15.000	Ea
3390	_ Acer x freemanii 'Marmo', 2 inch	8157050	9.000	Ea
3400	_ Aesculus x carnea 'Briotii', 2 inch	8157050	17.000	Ea
3410	_ Betula nigra 'Cully', 2 inch	8157050	8.000	Ea
3420	_ Diervilla 'Kodiak Orange', #3 cont.	8157050	320.000	Ea
3430	_ Gymnocladus dioicus 'Espresso', 2 inch	8157050	22.000	Ea
3440	_ Itea virginica 'Henry's Garnet', #3 cont.	8157050	476.000	Ea
3450	_ Malus 'Donald Wyman', 1 1/2 inch	8157050	8.000	Ea
3460	_ Malus 'Prairiefire', 1 1/2 inch	8157050	9.000	Ea
3470	_ Malus 'Professor Sprenger', 1 1/2 inch	8157050	15.000	Ea
3480	_ Malus 'Purple Prince'', 1 1/2 inch	8157050	13.000	Ea
3490	_ Physocarpus opulifolius 'Diabolo', #5 cont.	8157050	574.000	Ea
3500	_ Pinus flexilis, 4 foot	8157050	23.000	Ea
3510	_ Pinus ponderosa, 5 foot	8157050	12.000	Ea
3520	_ Platanus x acerifolia 'Morton Circle', 2 inch	8157050	14.000	Ea
3530	_ Syringa reticulata 'Ivory Silk', 1 1/2 inch	8157050	21.000	Ea
3540	_ Tilia cordata 'Greenspire', 2 inch	8157050	25.000	Ea
3550	_ Ulmus americana 'New Harmony', 2 inch	8157050	12.000	Ea
3560	_ Ulmus americana 'Princeton', 2 inch	8157050	8.000	Ea
3570	_ Viburnum dentatum 'Ralph Senior', #5 cont.	8157050	50.000	Ea
3580	_ Viburnum trilobum 'Bailey Compact', #5 cont.	8157050	407.000	Ea
3590	Seeding, Mixture CR	8160035	600.000	Lb

3600	Seeding, Mixture TSM	8160041	1,760.000	Lb
3610	Water, Sodding/Seeding	8160090	50.000	Unit
3620	_ Compacted Soil Restoration	8167011	9,800.000	Syd
3630	_ Turf Establishment, Performance	8167011	181,982.000	Syd
3640	Cable, Sec, Rem	8190017	1,701.000	Ft
3650	Conduit, DB, 1, 1 1/2 inch	8190027	1,612.000	Ft
3660	Conduit, DB, 1, 3 inch	8190029	4,256.000	Ft
3670	Conduit, DB, 2, 3 inch	8190032	71.000	Ft
3680	Conduit, DB, 3, 3 inch	8190035	1,378.000	Ft
3690	Conduit, DB, 4, 3 inch	8190038	169.000	Ft
3700	Conduit, Rem	8190140	2,165.000	Ft
3710	Hh, Polymer Conc	8190250	42.000	Ea
3720	Hh, Rem	8190254	33.000	Ea
3730	Hh, Round, 3 foot dia	8190259	63.000	Ea
3740	Hh, Round	8190260	48.000	Ea
3750	Hh, Type D	8190262	38.000	Ea
3760	Cable, Sec, 600V, 1, 3/C#6	8190399	11,624.000	Ft
3770	Wood Pole, Cl 4, 35 foot	8190472	14.000	Ea
3780	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
3790	Wood Pole, Rem	8190505	14.000	Ea
3800	Conduit, Directional Bore, 1, 3 inch	8190602	1,417.000	Ft
3810	Conduit, Directional Bore, 2, 3 inch	8190604	25,290.000	Ft
3820	Conduit, Directional Bore, 3, 3 inch	8190606	1,550.000	Ft
3830	_ Conduit, DB, 1, 1 inch	8197001	423.000	Ft
3840	Case Sign, Rem	8200020	27.000	Ea
3850	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea
3860	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	64.000	Ea
3870	Controller and Cabinet, Rem	8200030	18.000	Ea
3880	Controller Fdn, Base Mount	8200045	17.000	Ea
3890	Controller Fdn, Rem	8200046	4.000	Ea
3900	Fdn, Rem	8200065	40.000	Ea
3910	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	17.000	Ea
3920	Pedestal, Alum	8200100	32.000	Ea
3930	Pedestal, Fdn	8200105	73.000	Ea
3940	Pedestal Fdn, Rem	8200106	13.000	Ea
3950	Pedestal, Rem	8200110	13.000	Ea
3960	Pedestal, Underground Serv, Unmetered	8200112	39.000	Ea
3970	Power Co. (Est. Cost to Contractor)	8200116	2,516.000	Dlr
3980	Pushbutton and Sign	8200121	24.000	Ea
3990	Pushbutton Pedestal, Alum	8200123	2.000	Ea
4000	Serv Disconnect, Rem	8200136	17.000	Ea
4010	Span Wire	8200140	18.000	Ea
4020	Span Wire, Rem	8200141	45.000	Ea
4030	Span Wire Tether	8200142	3.000	Ea
4040	Steel Pole, Rem	8200145	40.000	Ea

4050	TS, Bracket Arm Mtd, Rem	8200175	9.000	Ea
4060	TS, Mast Arm Mtd, Rem	8200177	2.000	Ea
4070	TS, Pedestal Mtd, Rem	8200179	4.000	Ea
4080	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	11.000	Ea
4090	TS, Pedestrian, Pedestal Mtd, Rem	8200181	9.000	Ea
4100	TS, Span Wire Mtd, Rem	8200182	78.000	Ea
4110	Cabinet, NEMA Type	8200186	17.000	Ea
4120	TS, Wireless Link, Rem	8200280	20.000	Ea
4130	TS, Wireless Link, Salv	8200281	31.000	Ea
4140	TS, One Way Span Wire Mtd (LED)	8200313	29.000	Ea
4150	TS, Two Way Span Wire Mtd (LED)	8200322	5.000	Ea
4160	TS, One Way Bracket Arm Mtd (LED)	8200333	19.000	Ea
4170	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	7.000	Ea
4180	TS, One Way Pedestal Mtd (LED)	8200340	6.000	Ea
4190	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	32.000	Ea
4200	TS, One Way Mast Arm Mtd (LED)	8200359	115.000	Ea
4210	Video Traf Detection System, Rem	8200383	2.000	Ea
4220	Video Traf Detection Camera, Rem	8200384	2.000	Ea
4230	Bracket, Truss, Salv	8200385	1.000	Ea
4240	Bracket, Truss, Rem	8200388	6.000	Ea
4250	Wireless Vehicle Detection System, Salv	8200424	1.000	Ea
4260	Video Traf Detection System, Salv	8200441	2.000	Ea
4270	Video Traf Detection Camera, Salv	8200442	2.000	Ea
4280	TS Head, Adj	8200452	55.000	Ea
4290	TS Head, Temp	8200453	6.000	Ea
4300	Junction Box, Span Wire	8200456	2.000	Ea
4310	Junction Box, Rem	8200457	2.000	Ea
4320	TS Face, Bag	8200458	118.000	Ea
4330	TS Face, Bag, Rem	8200459	118.000	Ea
4340	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
4350	Strain Pole Fdn, 6 Bolt	8200470	12.000	Ft
4360	Casing	8200480	226.000	Ft
4370	Cellular Modem, TS, 4G	8200498	17.000	Ea
4380	Backplate, TS	8200501	142.000	Ea
4390	_ CCTV Camera, Install Salv	8207050	3.000	Ea
4400	_ CCTV Camera, Rem and Salv	8207050	3.000	Ea
4410	_ Controller, ATC 2070	8207050	17.000	Ea
4420	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
4430	_ Fourth Dimension Traffic Software	8207050	13.000	Ea
4440	_ Pedestal Painting	8207050	39.000	Ea
4450	_ St Name Sign, Two Way, (LED), 6 foot	8207050	19.000	Ea
4460	_ St Name Sign, Two Way, (LED), 8 foot	8207050	9.000	Ea
4470	Monument Preservation	8210010	10.000	Ea

4480	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	8,656.000	Ft
4490	Hydrant, Relocate, Case 1	8230095	12.000	Ea
4500	Hydrant, Relocate, Case 2	8230096	6.000	Ea
4510	Gate Box, Adj, Case 2	8230432	13.000	Ea
4520	_ Hydrant, Adj	8237050	16.000	Ea
4530	_ Water Main Conflict, 12 inch	8237050	4.000	Ea
4540	_ Water Main Conflict, 8 inch	8237050	2.000	Ea
4550	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
4560	Lightning Protection, Pole	8260021	21.000	Ea
4570	Fiber Optic, Splice Cabinet	8260064	2.000	Ea
4580	Fiber Optic, Marker, Above Ground	8260069	60.000	Ea
4590	Managed Field Ethernet Switch, Rem and Salv	8260084	12.000	Ea
4600	_ Railroad Protection, at Grade Crossing	8507060	36,000.000	Dlr

Section: 2

4610	Embankment, Structure, CIP	2050012	35.000	Cyd
4620	Backfill, Structure, CIP	2060002	78.000	Cyd
4630	Excavation, Fdn	2060010	80.000	Cyd
4640	_ Geotextile Blanket	3087011	270.000	Syd
4650	Conc, Grade D	7060010	2.000	Cyd
4660	False Decking	7060060	28,693.000	Sft
4670	Reinforcement, Steel, Epoxy Coated	7060092	2,033.000	Lb
4680	Conc Surface Coating	7100011	744.000	Syd
4690	Substructure Horizontal Surface Sealer (S32 of 50111)	7100030	20.000	Syd
4700	Substructure Horizontal Surface Sealer (S33 of 50111)	7100030	27.000	Syd
4710	_ Silane Treatment	7107010	10,712.000	Sft
4720	Hand Chipping, Shallow	7120003	196.000	Syd
4730	Hand Chipping, Deep	7120004	64.000	Syd
4740	Hand Chipping, Other Than Deck	7120007	163.000	Cft
4750	Patch, Forming	7120017	366.000	Sft
4760	Epoxy Ovly, Warranty	7120022	7,689.000	Syd
4770	Structures, Rehabilitation, Rem Portions (S32 of 50111)	7120070	1.000	LSUM
4780	Structures, Rehabilitation, Rem Portions (S33 of 50111)	7120070	1.000	LSUM
4790	Flushing Cracks, Water	7120098	60.000	Ft
4800	Structural Crack, Repr	7120099	60.000	Ft
4810	Patching Conc, C-L	7120112	501.000	Cyd
4820	Embedded Galvanic Anode	7120120	180.000	Ea
4830	_ Bridge Joints, Clean and Seal (B02 of 50022), Modified	7127051	1.000	LSUM
4840	_ Bridge Joints, Clean and Seal (B03 of 50022), Modified	7127051	1.000	LSUM
4850	_ Bridge Joints, Clean and Seal (B05 of 50022), Modified	7127051	1.000	LSUM
4860	_ Bridge Joints, Clean and Seal (B06 of 50022), Modified	7127051	1.000	LSUM

4870	_ Bridge Joints, Clean and Seal (S32 of 50111), Modified	7127051	1.000	LSUM
4880	_ Bridge Joints, Clean and Seal (S33 of 50111), Modified	7127051	1.000	LSUM
4890	Beam Plate, Seal Perimeter	7130010	764.000	Ft
4900	Rocker, Realign	7130050	6.000	Ea
4910	Stiffeners, Furn, Fab, and Erect	7130060	919.000	Lb
4920	Support, Column, Temp	7130080	6.000	Ea
4930	Protective Shield, Utility Pipe	7150025	273.000	Ft
4940	Steel Structure, Cleaning, Partial, Type 4 (S32 of 50111)	7150047	1.000	LSUM
4950	Steel Structure, Cleaning, Partial, Type 4 (S33 of 50111)	7150047	1.000	LSUM
4960	Steel Structure, Coating, Partial, Type 4 (S32 of 50111)	7150048	1.000	LSUM
4970	Steel Structure, Coating, Partial, Type 4 (S33 of 50111)	7150048	1.000	LSUM
4980	Slope Paving Header	8130015	245.000	Ft
4990	Slope Paving, Conc	8130020	526.000	Syd
5000	_ Riprap, Under Structures, Class II	8137031	172.000	Ton

12/29/2020 3:05 PM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 013 **Letting Date:** February 5, 2021 **Contract ID:** 02000-205603

Description: 1.87 mi of hot mix asphalt crushing, shaping and resurfacing on AuTrain-Forest Lake Road north of M-94, Alger County. This is Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205603A	21A0102	N/A	STL 02000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $56,900.00	1500001	1.000	LSUM
0020	Aggregate Base	3020001	3,536.000	Ton
0030	HMA Base Crushing and Shaping	3050002	30,744.000	Syd
0040	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0050	Approach, Cl II	3070021	66.000	Ton
0060	Shoulder, Cl III, 3 inch	3070145	2,196.000	Syd
0070	Trenching	3070200	198.000	Sta
0080	HMA, LVSP	5010703	5,075.000	Ton
0090	Post, Mailbox	8070095	2.000	Ea
0100	Post, Steel, 3 lb	8100371	352.000	Ft
0110	Sign, Type III, Rem	8100403	35.000	Ea
0120	Sign, Type IIIB	8100405	145.000	Sft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,764.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,811.000	Ft
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	790.000	Ft
0190	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	272.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	272.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 014 **Letting Date:** February 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 $313,700.00	1500001	1.000	LSUM
0020	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0030	Embankment, CIP	2050010	34.000	Cyd
0040	Excavation, Earth	2050016	140.000	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, Cl II, 6 inch	3070128	1,034.000	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	133.000	Ft
0160	Dynamic Message Sign, Fdn	7180200	133.000	Ft
0170	_ Cable, Ethernet, Outdoor	8007001	845.000	Ft
0180	_ Conduit, Clean and Test	8007001	330.000	Ft
0190	_ Antenna Support, Install on Dynamic Message Sign	8007050	5.000	Ea
0200	_ Atmospheric Sensor, Air Temperature/Relative Humidity	8007050	7.000	Ea
0210	_ Atmospheric Sensor, Barometric Pressure	8007050	7.000	Ea
0220	_ Atmospheric Sensor, Precipitation	8007050	7.000	Ea
0230	_ Atmospheric Sensor, Ultrasonic Wind	8007050	7.000	Ea
0240	_ Atmospheric Sensor, Visibility	8007050	7.000	Ea
0250	_ Cabinet Modifications	8007050	5.000	Ea
0260	_ Cable Modem, Integrate	8007050	1.000	Ea
0270	_ Cellular Modem, 4G	8007050	3.000	Ea

0280	_ Cellular Modem, Rem and Salv	8007050	1.000	Ea
0290	_ Dynamic Message Sign, Dual, Support Structure	8007050	4.000	Ea
0300	_ Dynamic Message Sign, Full Color, 20 mm, 96 by 400	8007050	9.000	Ea
0310	_ Dynamic Message Sign, Full Color, Retrofit, 20 mm, 96 by 400	8007050	1.000	Ea
0320	_ Field Security Appliance	8007050	2.000	Ea
0330	_ Hh, Clean	8007050	8.000	Ea
0340	_ Managed Field Ethernet Switch, Layer 2, Copper	8007050	6.000	Ea
0350	_ Pavement Sensor, Non-Invasive Condition	8007050	14.000	Ea
0360	_ Power Distribution Unit	8007050	6.000	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	8.000	Ea
0400	_ Wireless Link, 5.8 GHz, AP	8007050	2.000	Ea
0410	_ Wireless Link, 5.8 GHz, SU	8007050	2.000	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	20,000.000	Dlr
0450	Guardrail, Type MGS-8	8070004	1,050.000	Ft
0460	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0470	Guardrail Departing Terminal, Type MGS	8070052	5.000	Ea
0480	Guardrail Reflector	8070080	26.000	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	8,107.000	Syd
0590	Conduit, DB, 1, 3 inch	8190029	2,175.000	Ft
0600	Conduit, DB, 2, 3 inch	8190032	110.000	Ft
0610	Conduit, DB, 3, 3 inch	8190035	175.000	Ft
0620	Conduit, DB, 4, 3 inch	8190038	140.000	Ft
0630	DB Cable, in Conduit, 600V, 1/C#2	8190201	14,700.000	Ft
0640	DB Cable, in Conduit, 600V, 1/C#4	8190207	345.000	Ft
0650	DB Cable, in Conduit, 600V, 1/C#6	8190211	2,520.000	Ft
0660	Cable, Equipment Grounding Wire, 1/C#2	8190232	4,900.000	Ft
0670	Cable, Equipment Grounding Wire, 1/C#4	8190234	115.000	Ft
0680	Cable, Equipment Grounding Wire, 1/C#6	8190236	840.000	Ft
0690	Hh, Type D	8190262	5.000	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	2.000	Ea
0740	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
0750	Conduit, Directional Bore, 1, 3 inch	8190602	2,305.000	Ft
0760	_ Hh, Round, Electric	8197050	22.000	Ea
0770	Power Co. (Est. Cost to Contractor)	8200116	3,400.000	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	20.000	Ft
0810	Casing	8200480	20.000	Ft
0820	_ ITS Cabinet, Ground Mtd	8207050	5.000	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	26.000	Hr
0860	Staking Plan Errors and Extras, Two Person	8240021	11.000	Hr
0870	Staking Plan Errors and Extras, Three Person	8240022	16.000	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	9.000	Ea
0910	Dynamic Message Sign, Support Structure	8260025	1.000	Ea
0920	Microwave Vehicle Detection System	8260040	8.000	Ea
0930	Safety Switch, Fusible	8260109	6.000	Ea
0940	Electrical Rack	8260110	7.000	Ea
0950	Uninterruptible Power Supply, ITS Cabinet	8260140	6.000	Ea
0960	Surveillance System, Remote Site, Type A	8260157	5.000	Ea
0970	System Integration and Testing	8260160	1.000	LSUM
0980	_ Power Serv, Overhead, 200A, 120/240V	8267050	2.000	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

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 015 **Letting Date:** February 5, 2021 **Contract ID:** 82000-205839

Description: 0.57 mi of hot mix asphalt cold milling and resurfacing, pavement and retaining wall repair, guardrail and pavement markings on Schaefer Road from north of Butler Road northwesterly to I-94 in the city of Dearborn, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205839A	21A0189	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Inspection and Flagging	1027060	5,000.000	Dlr
0020	_ Railroad Protection	1027060	5,000.000	Dlr
0030	_ Railroad Protection, at Grade Crossing	1027060	5,000.000	Dlr
0040	Mobilization, Max $127,200.00	1500001	1.000	LSUM
0050	_ Clearing and Grubbing	2017012	0.400	Acre
0060	Dr Structure, Rem	2030011	2.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0080	Curb and Gutter, Rem	2040020	500.000	Ft
0090	Pavt, Rem	2040050	2,000.000	Syd
0100	Sidewalk, Rem	2040055	250.000	Syd
0110	_ Driveway Apron, Rem	2047011	200.000	Syd
0120	Excavation, Earth	2050016	5.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	Aggregate Base, 6 inch	3020016	1,900.000	Syd
0160	Maintenance Gravel, LM	3060021	100.000	Cyd
0170	Sewer, Cl E, 12 inch, Tr Det B	4020600	10.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	45.000	Ea
0190	Dr Structure, 24 inch dia	4030200	1.000	Ea
0200	Dr Structure, 48 inch dia	4030210	1.000	Ea
0210	Dr Structure, Cleaning	4030290	34.000	Ea
0220	_ Dr Structure Cover, Modified	4037050	22.000	Ea
0230	Cold Milling HMA Surface	5010002	22,800.000	Syd
0240	HMA Surface, Rem	5010005	1,900.000	Syd
0250	Pavt for Butt Joints, Rem	5010008	500.000	Syd
0260	Pavt Joint and Crack Repr, Det 7	5010020	2,280.000	Ft
0270	Pavt Joint and Crack Repr, Det 8	5010021	570.000	Ft

0280	Hand Patching	5010025	50.000	Ton
0290	HMA, 4E10	5010052	3,000.000	Ton
0300	HMA, 5E10	5010058	2,250.000	Ton
0310	_ Conc Pavt with Integral Curb, Nonreinf, 10 inch, Modified	6027011	2,000.000	Syd
0320	Cold Milling Conc Pavt	6030014	50.000	Syd
0330	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,140.000	Syd
0340	Pavt Repr, Rem	6030080	1,140.000	Syd
0350	Reinforcement, Steel, Epoxy Coated	7060092	2,000.000	Lb
0360	Conc Surface Coating	7100011	700.000	Syd
0370	Hand Chipping, Other Than Deck	7120007	500.000	Cft
0380	Patching Mortar or Conc	7120015	20.000	Cyd
0390	Patch, Forming	7120017	1,000.000	Sft
0400	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	50.000	Ea
0410	Adhesive Anchoring of Vertical Bar, 5/8 inch	7120033	25.000	Ea
0420	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	25.000	Ea
0430	Driveway, Nonreinf Conc, 8 inch	8010007	200.000	Syd
0440	_ Curb and Gutter, Conc, Det F4, Modified	8027001	500.000	Ft
0450	_ Curb, Repr	8027001	200.000	Ft
0460	Sidewalk, Conc, 4 inch	8030044	2,250.000	Sft
0470	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0480	Guardrail, Reconst, Type B	8070105	20.000	Ft
0490	_ Fence, Industrial Grade Aluminum, 48 Inch, Modified	8087001	1,608.000	Ft
0500	_ Fence Gate, Industrial Grade Aluminum, 48 Inch, 10 Foot Sliding, Modified	8087050	1.000	Ea
0510	Pavt Mrkg, Polyurea, 4 inch, White	8110091	3,500.000	Ft
0520	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	6,200.000	Ft
0530	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	200.000	Ft
0540	Rem Curing Compound, for Spec Mrkg	8110321	200.000	Sft
0550	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0560	Pavt Mrkg, Polyurea, Only	8110410	6.000	Ea
0570	Pavt Mrkg, Polyurea, Railroad Sym	8110411	5.000	Ea
0580	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0590	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0600	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0610	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0620	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0650	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,000.000	Ft
0660	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0670	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0700	Traf Regulator Control	8120370	1.000	LSUM

0710	Fertilizer, Chemical Nutrient, Cl A	8160020	10.000	Lb
0720	Mulch Blanket	8160027	1,500.000	Syd
0730	Seeding, Mixture TUF	8160042	150.000	Lb
0740	Topsoil Surface, Furn, 4 inch	8160062	1,500.000	Syd
0750	Water, Sodding/Seeding	8160090	50.000	Unit

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 016 **Letting Date:** February 5, 2021 **Contract ID:** 29000-206066

Description: 4.04 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on State Road from Polk Road north to Lincoln Road, Gratiot County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206066A	21A0152	N/A	STL 29000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $71,600.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	17.000	Syd
0030	Approach, Cl I	3070001	10.000	Ton
0040	Approach, Cl II	3070021	200.000	Ton
0050	Shoulder, Cl II	3070121	2,300.000	Ton
0060	Cold Milling HMA Surface	5010002	6,676.000	Syd
0070	HMA, 13A	5010033	8,550.000	Ton
0080	HMA Approach	5010061	196.000	Ton
0090	Curb Sloped, HMA	8050010	7,010.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	42,510.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,267.000	Ft
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	1,096.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	1,096.000	Sft
0220	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	15.000	Sft
0230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	15.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	Monument Box Adjust	8210005	16.000	Ea

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 017 **Letting Date:** February 5, 2021 **Contract ID:** 25000-206079

Description: Superstructure replacement with 17 inch prestressed concrete box beams, steel sheet piling, concrete curb and gutter, approach work, sewer, drainage and pavement markings on Belsay Road over Thread Creek, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206079A	21A0144	N/A	BHT 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $63,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	60.000	Ft
0050	Fence, Rem	2040025	20.000	Ft
0060	Guardrail, Rem	2040035	613.000	Ft
0070	_ Pavt, Rem, Modified	2047011	2,509.000	Syd
0080	Embankment, CIP	2050010	185.000	Cyd
0090	Excavation, Earth	2050016	2,040.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0110	Erosion Control, Silt Fence	2080036	600.000	Ft
0120	Subbase, CIP	3010002	950.000	Cyd
0130	_ Aggregate Base, Modified	3027031	1,168.000	Ton
0140	_ Shoulder, Cl II, Modified	3027031	203.000	Ton
0150	Maintenance Gravel	3060020	40.000	Ton
0160	Culv End Sect, 12 inch	4010012	1.000	Ea
0170	Sewer, Cl A, 12 inch, Tr Det B	4020033	225.000	Ft
0180	Video Taping Sewer and Culv Pipe	4021275	220.000	Ft
0190	Dr Structure Cover, Type C	4030015	3.000	Ea
0200	Dr Structure, 48 inch dia	4030210	3.000	Ea
0210	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	4.000	Ft
0220	Underdrain, Subgrade, 4 inch	4040071	1,490.000	Ft
0230	HMA, 2C	5010030	403.000	Ton
0240	HMA, 3C	5010031	230.000	Ton
0250	HMA, 4C	5010032	194.000	Ton
0260	HMA Approach	5010061	54.000	Ton
0270	Joint, Expansion, E3	6020208	56.000	Ft

0280	Conc Pavt, Bridge Approach, Reinf	6020600	128.000	Syd
0290	_ Structure Name Plate	7067050	1.000	Ea
0300	Curb and Gutter, Conc, Det D2	8020031	968.000	Ft
0310	_ Curb and Gutter, Bridge Approach, Modified	8027001	107.000	Ft
0320	Guardrail, Type MGS-8	8070004	238.000	Ft
0330	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0340	Guardrail Reflector	8070080	24.000	Ea
0350	Post, Mailbox	8070095	4.000	Ea
0360	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0370	Sign, Type III, Rem	8100403	5.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,550.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,550.000	Ft
0400	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	312.000	Ft
0410	Witness, Log, $1,000.00	8110350	1.000	Dlr
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Sign Cover, Type 1	8120320	5.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	476.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	476.000	Sft
0480	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	502.000	Sft
0490	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	502.000	Sft
0500	_ Riprap, Plain, Modified	8137011	25.000	Syd
0510	_ Turf Establishment, Performance-No Rye, Special	8167011	3,285.000	Syd
0520	Monument Box	8210001	1.000	Ea
0530	Monument Box Adjust	8210005	1.000	Ea
0540	Monument Preservation	8210010	1.000	Ea

Section: 2

0550	Structures, Rem Portions (Str 2750)	2040061	1.000	LSUM
0560	Backfill, Structure, CIP	2060002	80.000	Cyd
0570	Excavation, Fdn	2060010	80.000	Cyd
0580	Erosion Control, Turbidity Curtain, Deep	2080042	200.000	Ft
0590	Underdrain, Fdn, 4 inch	4040031	122.000	Ft
0600	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0610	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0620	Steel Sheet Piling, Permanent	7040001	2,400.000	Sft
0630	Bridge Ltg, Furn and Rem (Str 2750)	7060001	1.000	LSUM
0640	Bridge Ltg, Oper and Maintain	7060002	30.000	Cyd
0650	Conc, Grade T	7060013	12.000	Cyd
0660	False Decking	7060060	1,238.000	Sft
0670	Reinforcement, Steel, Epoxy Coated	7060092	10,975.000	Lb
0680	Substructure Conc	7060100	26.000	Cyd

0690	Superstructure Conc	7060110	4.000	Cyd
0700	Superstructure Conc, Form, Finish, and Cure (Str 2750)	7060111	1.000	LSUM
0710	Superstructure Conc, Form, Finish, and Cure, Night Casting (Str 2750)	7060112	1.000	LSUM
0720	Superstructure Conc, Night Casting	7060113	30.000	Cyd
0730	_ Bearing, Elastomeric, 1 1/8 inch	7077008	2,112.000	Sin
0740	Prest Conc Box Beam, Furn, 17 inch	7080055	124.000	Ft
0750	Prest Conc Box Beam, Erect, 17 inch	7080056	124.000	Ft
0760	Joint Waterproofing	7100001	514.000	Sft
0770	_ Silane Treatment	7107010	695.000	Sft
0780	Bridge Barrier Railing, Type 6	7110011	62.000	Ft
0790	Epoxy Ovly	7120020	94.000	Syd
0800	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	240.000	Ea

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 018 **Letting Date:** February 5, 2021 **Contract ID:** 66031-132147

Description: Deck replacement, structural steel cleaning and coating, beam end repairs, scour countermeasures, substructure repairs and approach work on US-45 over Roselawn Creek, Ontonagon County. This project includes a 2 year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132147A	21A0252	N/A	NH 66031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $96,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.030	Acre
0030	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0040	Dr Structure, Rem	2030011	4.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	125.000	Ft
0060	Curb and Gutter, Rem	2040020	100.000	Ft
0070	Guardrail, Rem	2040035	900.000	Ft
0080	Embankment, CIP	2050010	75.000	Cyd
0090	Excavation, Earth	2050016	200.000	Cyd
0100	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0110	Erosion Control, Silt Fence	2080036	420.000	Ft
0120	Subbase, CIP	3010002	100.000	Cyd
0130	Aggregate Base	3020001	55.000	Ton
0140	Aggregate Base, Conditioning	3020050	2,200.000	Syd
0150	Approach, Cl II	3070021	33.000	Ton
0160	Shoulder, Cl II	3070121	44.000	Ton
0170	HMA Surface, Rem	5010005	2,362.000	Syd
0180	HMA Quality Initiative	5010007	900.000	Dlr
0190	Longitudinal Joint Density Quality Initiative	5010018	3,400.000	Dlr
0200	HMA, 4E3	5010051	257.000	Ton
0210	HMA, 5E3	5010057	193.000	Ton
0220	Joint, Expansion, E3	6020208	82.000	Ft
0230	Conc Pavt, Bridge Approach, Reinf	6020600	167.000	Syd
0240	Curb and Gutter, Bridge Approach	8020010	115.000	Ft
0250	Guardrail, Type MGS-8	8070004	436.000	Ft
0260	Guardrail, Curved, Type B	8070010	38.000	Ft
0270	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea

0280	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0290	Guardrail Reflector	8070080	36.000	Ea
0300	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0310	Delineator Reflector, Green	8100133	4.000	Ea
0320	Fdn, Wood Support, Rem	8100280	2.000	Ea
0330	Post, Rigid, Delineator	8100361	4.000	Ea
0340	Post, Wood, 4 inch by 6 inch	8100380	28.000	Ft
0350	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0360	Sign, Type III, Rem	8100403	5.000	Ea
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	700.000	Ft
0380	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,900.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	700.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,900.000	Ft
0410	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	38.000	Ft
0420	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	280.000	Ft
0430	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0460	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	1.000	Ea
0470	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0480	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0490	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	1.000	Ea
0500	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0510	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
0520	Conc Barrier, Temp, Adj	8120080	300.000	Ft
0530	Conc Barrier, Temp, Furn	8120081	300.000	Ft
0540	Conc Barrier, Temp, Oper	8120082	300.000	Ft
0550	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0560	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,000.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0600	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0620	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	30.000	Ft
0630	PTS System, Temp, Furn	8120270	1.000	Ea
0640	PTS System, Temp, Oper	8120271	1.000	Ea
0650	Sign Cover	8120310	2.000	Ea
0660	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0670	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	480.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	480.000	Sft

0700	Traf Regulator Control	8120370	1.000	LSUM
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,000.000	Ft
0720	Riprap, Plain	8130010	20.000	Syd
0730	Slope Restoration, Type A	8160100	330.000	Syd
0740	Slope Restoration, Type B	8160101	660.000	Syd
0750	Contractor Staking	8240001	1.000	LSUM
0760	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0770	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0780	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Section: 2

0790	Erosion Control, Turbidity Curtain, Deep	2080042	200.000	Ft
0800	Bridge Ltg, Furn and Rem (B01 of 66031)	7060001	1.000	LSUM
0810	Bridge Ltg, Oper and Maintain	7060002	133.000	Cyd
0820	Expansion Joint Device	7060050	85.000	Ft
0830	False Decking	7060060	4,530.000	Sft
0840	Reinforcement, Steel, Epoxy Coated	7060092	25,533.000	Lb
0850	Substructure Conc	7060100	2.000	Cyd
0860	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 66031)	7060112	1.000	LSUM
0870	Superstructure Conc, Night Casting	7060113	133.000	Cyd
0880	Shear Developers (B01 of 66031)	7070040	1.000	LSUM
0890	Joint Waterproofing	7100001	274.000	Sft
0900	Substructure Horizontal Surface Sealer	7100030	28.000	Syd
0910	_ Silane Treatment	7107010	1,197.000	Sft
0920	Bridge Railing, Aesthetic Parapet Tube	7110005	200.000	Ft
0930	Hand Chipping, Other Than Deck	7120007	44.000	Cft
0940	Patch, Forming	7120017	176.000	Sft
0950	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	24.000	Ea
0960	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	46.000	Ea
0970	Structures, Rehabilitation, Rem Portions (B01 of 66031)	7120070	1.000	LSUM
0980	Top Flanges and Beam Ends, Clean and Coat	7120100	72.000	Syd
0990	Patching Conc, C-L	7120112	2.000	Cyd
1000	Embedded Galvanic Anode	7120120	112.000	Ea
1010	Beam Plate, Seal Perimeter	7130010	171.000	Ft
1020	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,014.000	Lb
1030	End Diaphragm, Rem and Replace	7150010	4.000	Ea
1040	Steel Structure, Cleaning, Type 4 (B01 of 66031)	7150045	1.000	LSUM
1050	Steel Structure, Coating, Type 4 (B01 of 66031)	7150046	1.000	LSUM
1060	_ Riprap, Under Structures, Class II	8137031	298.000	Ton
1070	_ Riprap, Under Structures, Plain	8137031	84.000	Ton

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 019 **Letting Date:** February 5, 2021 **Contract ID:** 82000-205756

Description: 1.01 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, signing and pavement markings on Merriman Road from Joy Road northerly to Plymouth Road in the cities of Livonia and Westland, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205756A	21A0107	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $99,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	300.000	Ft
0030	Sidewalk, Rem	2040055	231.000	Syd
0040	_ Misc Pavt, Rem, Patching	2047011	3,043.000	Syd
0050	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0060	Excavation, Earth	2050016	2.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	38.000	Ea
0080	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0090	Project Cleanup	2090001	1.000	LSUM
0100	Dr Structure Lead, Cleaning, 12 inch	4030112	20.000	Ft
0110	Dr Structure Lead, Cleaning, 15 inch	4030115	40.000	Ft
0120	Dr Structure Lead, Cleaning, 24 inch	4030124	170.000	Ft
0130	Dr Structure Lead, Cleaning, 30 inch	4030130	200.000	Ft
0140	Dr Structure, Cleaning	4030290	15.000	Ea
0150	Dr Structure, Temp Lowering	4030390	22.000	Ea
0160	_ Misc Structure Reconstruct	4037001	32.000	Ft
0170	_ Misc San Structure Cover, Adj	4037050	1.000	Ea
0180	_ Misc Structure Cover, Adj	4037050	23.000	Ea
0190	_ Misc Structure Cover, Adj, Furn Cover A	4037050	2.000	Ea
0200	_ Misc Structure Cover, Adj, Furn Cover S	4037050	2.000	Ea
0210	Cold Milling HMA Surface	5010002	5,775.000	Syd
0220	_ Misc Bit Mixture for Patching, Temp	5017031	50.000	Ton
0230	_ Misc Conditioning Existing Pavement	5017031	150.000	Ton
0240	_ Misc HMA, 4E10	5017031	715.000	Ton
0250	_ Misc HMA, 5E10	5017031	500.000	Ton
0260	_ Misc HMA, Hand Patching	5017031	11.000	Ton
0270	Joint, Contraction, Cp	6020200	1,218.000	Ft

0280	Joint, Expansion, E2	6020207	183.000	Ft
0290	Crack Sealing, Conc Pavt	6030010	300.000	Ft
0300	Lane Tie, Epoxy Anchored	6030030	154.000	Ea
0310	Resealing Trans Joints with Hot-Poured Rubber	6030100	2,000.000	Ft
0320	Resealing Longit Joints with Hot-Poured Rubber	6030101	5,000.000	Ft
0330	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	3,043.000	Syd
0340	Curb and Gutter, Conc, Det F5	8020039	150.000	Ft
0350	_ Misc Conc Curb Cap	8027001	250.000	Ft
0360	_ Misc Conc Curb Cap, Patching	8027001	300.000	Ft
0370	Detectable Warning Surface	8030010	95.000	Ft
0380	Curb Ramp Opening, Conc	8030030	176.000	Ft
0390	Sidewalk Ramp, Conc, 4 inch	8030034	2,076.000	Sft
0400	_ Misc Field Office	8097043	4.000	Mo
0410	_ Misc Sign, Type B, Perm	8107010	205.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,150.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	300.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0450	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,300.000	Ft
0460	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	13,600.000	Ft
0470	Rem Spec Mrkg	8110343	530.000	Sft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0500	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0510	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0570	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0580	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0590	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	1,000.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,000.000	Ft
0610	Sign Cover	8120310	6.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	907.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	907.000	Sft
0640	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	Topsoil Surface, Furn, 2 inch	8160060	2,955.000	Syd
0680	Water, Sodding/Seeding	8160090	160.000	Unit

0690	_ Sodding, Modified	8167011	2,955.000	Syd
0700	Monument Box Adjust	8210005	4.000	Ea
0710	Monument Preservation	8210010	4.000	Ea
0720	Protect Corners	8210020	4.000	Ea
0730	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0740	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0750	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
0760	_ Contractor Staking, Modified	8247051	1.000	LSUM

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 020 **Letting Date:** February 5, 2021 **Contract ID:** 61000-205371

Description: 0.24 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, storm sewer, watermain and pavement markings on Peck Street from Merrill Avenue northerly to Apple Avenue (M-46) in the city of Muskegon, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205371A	21A0187	N/A	STUL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $80,900.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	4.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	1,710.000	Ft
0050	_ Dr Structure, Rem, Modified	2037050	23.000	Ea
0060	Sidewalk, Rem	2040055	1,660.000	Syd
0070	_ Pavt, Rem, Modified	2047011	6,850.000	Syd
0080	_ Machine Grading, Modified	2057002	12.000	Sta
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0100	Project Cleanup	2090001	1.000	LSUM
0110	Aggregate Base, 8 inch	3020020	5,900.000	Syd
0120	Maintenance Gravel, LM	3060021	200.000	Cyd
0130	Sewer, Cl E, 12 inch, Tr Det B	4020600	324.000	Ft
0140	Sewer, Cl E, 18 inch, Tr Det B	4020602	1,619.000	Ft
0150	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0160	Video Taping Sewer and Culv Pipe	4021275	1,983.000	Ft
0170	_ Sewer, PVC SDR 35, 10 inch, Tr Det B	4027001	30.000	Ft
0180	_ Sewer, PVC SDR 35, 12 inch, Tr Det B	4027001	15.000	Ft
0190	_ Sewer, PVC SDR 35, 18 inch, Tr Det B	4027001	20.000	Ft
0200	_ Sewer, PVC SDR 35, 6 inch, Tr Det B	4027001	185.000	Ft
0210	_ Sewer, PVC SDR 35, 8 inch, Tr Det B	4027001	15.000	Ft
0220	_ Sewer Tap, 12 inch, Modified	4027050	3.000	Ea
0230	_ Sewer Tap, 18 inch, Modified	4027050	5.000	Ea
0240	_ Sewer Tap, 8 inch, Modified	4027050	3.000	Ea
0250	Dr Structure, 24 inch dia	4030200	1.000	Ea
0260	Dr Structure, 48 inch dia	4030210	9.000	Ea
0270	_ Dr Structure, Adj, Add Depth, Modified	4037001	3.000	Ft

0280	_ Catch Basin 2 Ft ID Special Detail	4037050	4.000	Ea
0290	_ Catch Basin Special Detail	4037050	4.000	Ea
0300	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	5.000	Ea
0310	_ Dr Structure Cover, Type B, Modified	4037050	12.000	Ea
0320	_ Dr Structure Cover, Type D, Modified	4037050	1.000	Ea
0330	_ Dr Structure Cover, Type K, Modified	4037050	9.000	Ea
0340	Hand Patching	5010025	18.000	Ton
0350	HMA, 4E3	5010051	1,370.000	Ton
0360	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	230.000	Syd
0370	_ Curb and Gutter, Conc, Det F4, Modified	8027001	2,572.000	Ft
0380	Detectable Warning Surface	8030010	103.000	Ft
0390	Curb Ramp Opening, Conc	8030030	124.000	Ft
0400	Sidewalk Ramp, Conc, 7 inch	8030037	1,500.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	8,750.000	Sft
0420	Sidewalk, Conc, 7 inch	8030047	1,200.000	Sft
0430	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	600.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	360.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	99.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	103.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,340.000	Ft
0510	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,605.000	Ft
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	14.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	14.000	Ea
0540	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0570	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0580	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0590	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	722.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	722.000	Sft
0620	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	15.000	Sft
0630	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	15.000	Sft
0640	Fagus grandifolia, 1 1/2 inch	8151407	2.000	Ea
0650	Quercus rubra, 1 1/2 inch	8153124	3.000	Ea
0660	Topsoil Surface, Furn, 4 inch	8160062	1,250.000	Syd
0670	_ Hydroseeding	8167011	1,250.000	Syd
0680	_ Water Service, 1 inch, Copper Type K	8237001	355.000	Ft
0690	_ Water Service, 2 inch, Copper Type K	8237001	40.000	Ft
0700	_ Water Service, Private Property, 1 inch	8237001	200.000	Ft
0710	_ Water Service, Private Property, 2 inch	8237001	55.000	Ft
0720	_ Watermain, DI, 6 inch, Tr Det G, Modified	8237001	51.000	Ft

0730	_ Watermain, DI, 8 inch, Tr Det G, Modified	8237001	1,330.000	Ft
0740	_ Bend, 8 inch, 45 Degree, DI MJ	8237050	15.000	Ea
0750	_ Cap, 8 inch, DI MJ	8237050	2.000	Ea
0760	_ Corporation Stop, 1 inch	8237050	14.000	Ea
0770	_ Corporation Stop, 2 inch	8237050	2.000	Ea
0780	_ Curb Stop and Box, 1 inch	8237050	9.000	Ea
0790	_ Curb Stop and Box, 2 inch	8237050	2.000	Ea
0800	_ Hydrant, 6 inch, Standard	8237050	4.000	Ea
0810	_ Meter Pit Complete	8237050	3.000	Ea
0820	_ Reducer, 8 inch X 6 inch, DI MJ	8237050	3.000	Ea
0830	_ Sleeve, 6 inch, Long, DI MJ	8237050	3.000	Ea
0840	_ Sleeve, 8 inch, Long, DI MJ	8237050	2.000	Ea
0850	_ Tee, 8 inch X 6 inch, DI MJ	8237050	3.000	Ea
0860	_ Tee, 8 inch X 8 inch, DI MJ	8237050	3.000	Ea
0870	_ Valve, 6 inch, Gate, With Box	8237050	3.000	Ea
0880	_ Valve, 8 inch, Gate, With Box	8237050	6.000	Ea
0890	_ Water Service, Building Connection, 1 inch	8237050	8.000	Ea
0900	_ Water Service, Building Connection, 2 inch	8237050	2.000	Ea
0910	_ Water Valve Box and Cover, Complete	8237050	1.000	Ea
0920	_ Sanitary Manhole Special Detail	8257050	1.000	Ea

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 021 **Letting Date:** February 5, 2021 **Contract ID:** 25131-211555

Description: 19.56 mi of hot mix asphalt cold milling and resurfacing, full depth concrete pavement repairs, joint repairs and pavement markings on I-75 from M-15 to Dort Highway, Genesee and Oakland Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211555A	21A0257	N/A	IM 25131
211559A	N/A	N/A	RBMP 63173

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $1,210,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	60.000	Ft
0030	Guardrail, Rem	2040035	2,063.000	Ft
0040	Pavt, Rem	2040050	2,464.000	Syd
0050	Embankment, CIP	2050010	560.000	Cyd
0060	Excavation, Earth	2050016	250.000	Cyd
0070	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0090	Aggregate Base, LM	3020002	100.000	Cyd
0100	Aggregate Base, 6 inch	3020016	800.000	Syd
0110	_ Shoulder Cl II, Modified	3077031	2,220.000	Ton
0120	Culv, Downspout, 15 inch	4010796	700.000	Ft
0130	Dr Marker Post	4011109	16.000	Ea
0140	Video Taping Sewer and Culv Pipe	4021275	700.000	Ft
0150	Dr Structure Cover, Adj, Case 1, Modified	4030004	20.000	Ea
0160	Pavt, Cleaning	5010001	1.000	LSUM
0170	Cold Milling HMA Surface	5010002	269,770.000	Syd
0180	Bump Grinding	5010004	1,000.000	Syd
0190	HMA Surface, Rem	5010005	4,425.000	Syd
0200	HMA Quality Initiative	5010007	70,416.000	Dlr
0210	Longitudinal Joint Density Quality Initiative	5010018	163,480.000	Dlr
0220	Pavt Joint and Crack Repr, Det 7	5010020	109,789.000	Ft
0230	Pavt Joint and Crack Repr, Det 8	5010021	12,290.000	Ft
0240	Hand Patching	5010025	9,559.000	Ton
0250	HMA Approach	5010061	2,670.000	Ton
0260	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	22,979.000	Ton

0270	Joint, Contraction, Cp	6020200	8,033.000	Ft
0280	_ Conc Pavt, Misc, Nonreinf, 15 inch	6027011	2,464.000	Syd
0290	Cement	6030005	574.000	Ton
0300	Joint, Contraction, Crg	6030020	43,800.000	Ft
0310	Joint, Expansion, Erg	6030021	2,000.000	Ft
0320	Lane Tie, Epoxy Anchored	6030030	10,614.000	Ea
0330	Non-Chloride Accelerator	6030035	22,195.000	Gal
0340	Pavt Repr, Rem	6030080	22,660.000	Syd
0350	Saw Cut, Intermediate	6030090	24,036.000	Ft
0360	_ Pavt Repr, Nonreinf Conc, 16 inch	6037011	22,660.000	Syd
0370	_ Pavt Repr, Nonreinf Conc, Additional Thickness	6037021	504.000	Cyd
0380	Conc, Grade S2	7060011	29.000	Cyd
0390	Reinforcement, Steel, Culv and Headwall	7060091	622.000	Lb
0400	Curb and Gutter, Conc, Det D2	8020031	1,840.000	Ft
0410	Shoulder Gutter, Conc, Det 1	8020055	12.000	Ea
0420	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0430	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
0440	Downspout Header, Conc	8020070	16.000	Ea
0450	Guardrail, Salv	8070075	2,063.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0490	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	243,745.000	Ft
0500	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	162,497.000	Ft
0510	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0520	Recessing Pavt Mrkg, Longit	8110450	84,300.000	Ft
0530	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	60,100.000	Ft
0540	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	2,900.000	Ft
0550	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	43,900.000	Ft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	435.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	435.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0590	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Mobile Attenuator	8120180	10.000	Ea
0620	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0630	Plastic Drum, Fluorescent, Furn	8120252	2,099.000	Ea
0640	Plastic Drum, Fluorescent, Oper	8120253	2,099.000	Ea
0650	Sign Cover	8120310	66.000	Ea
0660	Sign Cover, Type 1	8120320	3.000	Ea
0670	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	12.000	Ea
0680	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	12.000	Ea

0690	Sign, Type B, Temp, Prismatic, Furn	8120350	5,249.000	Sft
0700	Sign, Type B, Temp, Prismatic, Oper	8120351	5,249.000	Sft
0710	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	948.000	Sft
0720	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	948.000	Sft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	8,251.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	8,251.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	77,128.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	60,928.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	2,900.000	Ft
0780	Temp Rumble Strips (Orange)	8122030	9,802.000	Ft
0790	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	4.000	Ea
0800	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	4.000	Ea
0810	_ Traf Speed Sensor, Portable, Temp	8127050	6.000	Ea
0820	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0830	_ Lighting for Night Work, Balloon Type	8127051	1.000	LSUM
0840	Riprap, Plain	8130010	80.000	Syd
0850	Mulch Blanket	8160027	2,280.000	Syd
0860	Slope Restoration, Type C	8160102	2,280.000	Syd
0870	Shoulder Corrugations, Ground or Cut, HMA	8220001	66,930.000	Ft
0880	Contractor Staking, Road Only	8240007	1.000	LSUM
0890	Staking Plan Errors and Extras, One Person	8240020	51.000	Hr
0900	Staking Plan Errors and Extras, Two Person	8240021	21.000	Hr
0910	Staking Plan Errors and Extras, Three Person	8240022	31.000	Hr

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 022 **Letting Date:** February 5, 2021 **Contract ID:** 81104-210043

Description: 5.49 mi of hot mix asphalt cold milling and resurfacing, bridge rehabilitation and pavement markings on I-94 from Freer Road to Parker Road, Washtenaw County. This project includes a 5 year materials and workmanship pavement warranty and a 5 year thin epoxy bridge deck overlay performance warranty. This is an On-the-Job Training Voluntary Incentive Program pilot project. See unique special provision for additional information.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210043A	21A0245	N/A	IM 81104

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $1,369,500.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	6.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0050	Dr Structure, Rem	2030011	3.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	47.000	Ft
0070	Curb and Gutter, Rem	2040020	2,585.000	Ft
0080	Guardrail, Rem	2040035	12,091.000	Ft
0090	Sidewalk, Rem	2040055	120.000	Syd
0100	Exploratory Investigation, Vertical	2040080	5.000	Ft
0110	Ditch Cleanout	2050006	24.000	Sta
0120	Embankment, CIP	2050010	1,257.000	Cyd
0130	Excavation, Earth	2050016	12,534.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	438.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0180	Erosion Control, Sediment Trap	2080034	16.000	Ea
0190	Erosion Control, Silt Fence	2080036	2,150.000	Ft
0200	Project Cleanup	2090001	1.000	LSUM
0210	Subbase, CIP	3010002	1,164.000	Cyd
0220	Aggregate Base, 6 inch	3020016	17,447.000	Syd
0230	_ Aggregate Base, 18 inch	3027011	6,200.000	Syd
0240	Maintenance Gravel	3060020	170.000	Ton
0250	Shoulder, Cl II	3070121	3,123.000	Ton
0260	Culv End Sect, 12 inch	4010012	12.000	Ea

0270	Culv End Sect, 24 inch	4010024	6.000	Ea
0280	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0290	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0300	Culv, Cl A, 12 inch	4010131	256.000	Ft
0310	Culv, Cl A, 24 inch	4010134	284.000	Ft
0320	Culv, Cl A, Conc, 12 inch	4010165	24.000	Ft
0330	Culv, Cl A, CSP, 12 inch	4010199	8.000	Ft
0340	Culv, Cl F, 12 inch	4010607	16.000	Ft
0350	Dr Marker Post	4011109	29.000	Ea
0360	Steel Casing Pipe, 42 inch, Jacked in Place	4011173	130.000	Ft
0370	_ Culv Adj	4017001	512.000	Ft
0380	_ Culv Cleanout	4017001	300.000	Ft
0390	_ Cured-In-Place Pipe Lining, 12 inch	4017001	763.000	Ft
0400	_ Cured-In-Place Pipe Lining, 15 inch	4017001	499.000	Ft
0410	Sewer, Cl A, 12 inch, Tr Det A	4020004	60.000	Ft
0420	Sewer Bulkhead, 15 inch	4021231	2.000	Ea
0430	Sewer Bulkhead, 24 inch	4021234	4.000	Ea
0440	Video Taping Sewer and Culv Pipe	4021275	1,000.000	Ft
0450	Dr Structure Cover, Adj, Case 1	4030005	17.000	Ea
0460	Dr Structure Cover, Adj, Case 2	4030006	8.000	Ea
0470	Dr Structure Cover, Type C	4030015	3.000	Ea
0480	Dr Structure Cover, Type DX	4030030	3.000	Ea
0490	Dr Structure Cover, Type G	4030040	3.000	Ea
0500	Dr Structure, 48 inch dia	4030210	3.000	Ea
0510	Dr Structure, Adj, Add Depth	4030280	12.000	Ft
0520	Dr Structure, Cleaning	4030290	19.000	Ea
0530	_ Structure Cover Weigh Down, Temp	4037050	30.000	Ea
0540	Pavt, Cleaning	5010001	1.000	LSUM
0550	Cold Milling HMA Surface	5010002	350,240.000	Syd
0560	Bump Grinding	5010004	300.000	Syd
0570	HMA Surface, Rem	5010005	17,924.000	Syd
0580	HMA Quality Initiative	5010007	125,174.000	Dlr
0590	Longitudinal Joint Density Quality Initiative	5010018	401,253.000	Dlr
0600	Pavt Joint and Crack Repr, Det 7	5010020	7,000.000	Ft
0610	Pavt Joint and Crack Repr, Det 8	5010021	1,000.000	Ft
0620	Hand Patching	5010025	700.000	Ton
0630	HMA, 3E3	5010045	930.000	Ton
0640	HMA, 4E3	5010051	13,506.000	Ton
0650	HMA, 4E30	5010053	22,054.000	Ton
0660	HMA, 5E3	5010057	11,888.000	Ton
0670	HMA Approach	5010061	7,468.000	Ton
0680	_ HMA Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	16,020.000	Ton
0690	_ Polymer Composite Pavt Coating	5047011	3,000.000	Syd
0700	Curb and Gutter, Bridge Approach	8020010	146.000	Ft

0710	Curb and Gutter, Conc, Det D2	8020031	2,299.000	Ft
0720	Curb and Gutter, Conc, Det F6	8020040	200.000	Ft
0730	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0740	Spillway, Conc	8020075	6.000	Ft
0750	Sidewalk, Conc, 4 inch	8030044	500.000	Sft
0760	Guardrail, Type MGS-8	8070004	8,504.000	Ft
0770	Guardrail, Type MGS-8D	8070009	2,000.000	Ft
0780	Guardrail, Type MGS-8, Temp	8070013	1,350.000	Ft
0790	Guardrail Anch, Bridge, Det T1	8070022	18.000	Ea
0800	Guardrail Anch, Bridge, Det T1, Temp	8070030	6.000	Ea
0810	Guardrail Approach Terminal, Type 3B	8070038	3.000	Ea
0820	Guardrail Approach Terminal, Type 2M	8070044	23.000	Ea
0830	Guardrail Approach Terminal, Type 2M, Temp	8070049	6.000	Ea
0840	Guardrail Departing Terminal, Type T	8070051	5.000	Ea
0850	Guardrail Departing Terminal, Type MGS	8070052	8.000	Ea
0860	Guardrail Anch, Bridge, Det M7	8070136	3.000	Ea
0870	Cable Barrier, High Tension, Salv	8070201	2,000.000	Ft
0880	Cable Barrier, High Tension, Reconst	8070202	2,000.000	Ft
0890	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	110.000	Ea
0900	Cable Barrier, High Tension, Line Post Fdn	8070221	110.000	Ea
0910	_ Guardrail Long Span, Det MGS-1	8077050	12.000	Ea
0920	Delineator Reflector, Red	8100131	96.000	Ea
0930	Delineator Reflector, Yellow	8100132	40.000	Ea
0940	Delineator Reflector, Green	8100133	20.000	Ea
0950	Delineator Reflector, White	8100134	274.000	Ea
0960	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	16.000	Ea
0970	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	6.000	Ea
0980	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	45.000	Ea
0990	Fdn, Wood Support, Rem	8100280	2.000	Ea
1000	Delineator, Rem	8100349	250.000	Ea
1010	Post, Flexible, Delineator	8100360	51.000	Ea
1020	Post, Rigid, Delineator	8100361	334.000	Ea
1030	Post, Wood, 4 inch by 6 inch	8100380	30.000	Ft
1040	Sign, Type I, Erect, Salv	8100390	1.000	Ea
1050	Sign, Type I, Rem	8100391	1.000	Ea
1060	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	3.000	Ea
1070	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	94.000	Ft
1080	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	6.000	Ea
1090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,038.000	Ft
1100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	10,038.000	Ft
1110	Pavt Mrkg, Polyurea, Bus	8110400	2.000	Ea
1120	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
1130	Pavt Mrkg, Polyurea, Only	8110410	6.000	Ea

1140	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
1150	Recessing Pavt Mrkg, Longit	8110450	157,406.000	Ft
1160	_ Enhanced Delineation, Unidirectional, Conc Barrier, Side Mount	8117001	758.000	Ft
1170	_ Enhanced Delineation, Unidirectional, Guardrail, Channel Mount	8117001	12,504.000	Ft
1180	_ Pavt Mrkg, Wet Retflec 100 Mil Durable, 12 inch, (White)	8117001	3,358.000	Ft
1190	_ Pavt Mrkg, Wet Retflec 100 Mil Durable, 6 inch, (White)	8117001	80,105.000	Ft
1200	_ Pavt Mrkg, Wet Retflec 100 Mil Durable, 6 inch, (Yellow)	8117001	63,811.000	Ft
1210	Barricade, Type III, High Intensity, Lighted, Furn	8120022	40.000	Ea
1220	Barricade, Type III, High Intensity, Lighted, Oper	8120023	40.000	Ea
1230	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
1240	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	7.000	Ea
1250	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	7.000	Ea
1260	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	11.000	Ea
1270	Conc Barrier Reflector Replacement	8120070	50.000	Ea
1280	Conc Barrier, Temp, Adj	8120080	350.000	Ft
1290	Conc Barrier, Temp, Furn	8120081	30,613.000	Ft
1300	Conc Barrier, Temp, Oper	8120082	30,613.000	Ft
1310	Conc Barrier, Temp, Relocated	8120083	31,063.000	Ft
1320	Delineator, Flexible, Temp, Furn	8120091	600.000	Ea
1330	Delineator, Flexible, Temp, Oper	8120092	600.000	Ea
1340	Glare Screen, Temp	8120094	29,463.000	Ft
1350	Glare Screen, Temp, Relocated	8120095	29,463.000	Ft
1360	Glare Screen, Temp, Complete Section, Replaced	8120096	5.000	Ea
1370	High Intensity Light, Type B, Furn	8120110	20.000	Ea
1380	High Intensity Light, Type B, Oper	8120111	20.000	Ea
1390	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1400	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1410	Minor Traf Devices	8120170	1.000	LSUM
1420	Mobile Attenuator	8120180	4.000	Ea
1430	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	176,842.000	Ft
1440	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,200.000	Ft
1450	Plastic Drum, Fluorescent, Furn	8120252	480.000	Ea
1460	Plastic Drum, Fluorescent, Oper	8120253	480.000	Ea
1470	PTS System, Temp, Furn	8120270	2.000	Ea
1480	PTS System, Temp, Oper	8120271	2.000	Ea
1490	Sign Cover	8120310	36.000	Ea
1500	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
1510	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
1520	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
1530	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft

1540	Sign, Type B, Temp, Prismatic, Furn	8120350	4,242.000	Sft
1550	Sign, Type B, Temp, Prismatic, Oper	8120351	4,242.000	Sft
1560	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,186.000	Sft
1570	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,186.000	Sft
1580	Temp Portable Power Source for TS System	8120380	1.000	LSUM
1590	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	171,495.000	Ft
1600	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	130,645.000	Ft
1610	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	283,182.000	Ft
1620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	264,315.000	Ft
1630	Speed Radar Trailer, Temp	8122028	2.000	Ea
1640	Temp Rumble Strips (Orange)	8122030	864.000	Ft
1650	_ Barrier Gate, Temp, Furn	8127050	2.000	Ea
1660	_ Barrier Gate, Temp, Open/Close	8127050	10.000	Ea
1670	_ Barrier Gate, Temp, Oper	8127050	2.000	Ea
1680	_ Traf Speed Sensor, Portable, Temp	8127050	12.000	Ea
1690	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1700	Riprap, Plain	8130010	245.000	Syd
1710	_ Mulch Blanket, Modified	8167011	12,650.000	Syd
1720	_ Slope Restoration, Bonded Fiber Matrix	8167011	12,650.000	Syd
1730	Monument Box	8210001	2.000	Ea
1740	Shoulder Corrugations, Ground or Cut, HMA	8220001	105,220.000	Ft
1750	Contractor Staking	8240001	1.000	LSUM
1760	Staking Plan Errors and Extras, One Person	8240020	110.000	Hr
1770	Staking Plan Errors and Extras, Two Person	8240021	44.000	Hr
1780	Staking Plan Errors and Extras, Three Person	8240022	66.000	Hr
1790	Flowable Fill, Non-Structural	8260148	35.000	Cyd

Section: 2

1800	HMA Patch, Rem	5010006	2.000	Syd
1810	False Decking	7060060	2,200.000	Sft
1820	Reinforcement, Steel, Epoxy Coated	7060092	2,140.000	Lb
1830	Hand Chipping, Deep	7120004	66.000	Syd
1840	Hand Chipping, Other Than Deck	7120007	180.000	Cft
1850	Patch, Full Depth	7120010	27.000	Cyd
1860	Patch, Forming	7120017	719.000	Sft
1870	Epoxy Ovly, Warranty	7120022	2,813.000	Syd
1880	Flushing Cracks, Water	7120098	10.000	Ft
1890	Structural Crack, Repr	7120099	10.000	Ft
1900	Patching Conc, C-L	7120112	18.000	Cyd
1910	Embedded Galvanic Anode	7120120	288.000	Ea
1920	_ Shear Strengthening System	7127010	8.000	Sft
1930	_ Beam End Repair, Latex Modified Conc	7127020	31.000	Cft

1940	_ Hand Chipping, Full Depth	7127020	704.000	Cft
1950	_ Hand Chipping, Special	7127020	9.000	Cft
1960	_ Bridge Joints, Clean and Seal (B02-3 of 81104), Modified	7127051	1.000	LSUM
1970	_ Bridge Joints, Clean and Seal (S06 of 81104), Modified	7127051	1.000	LSUM
1980	_ Bridge Joints, Clean and Seal (S07-3 of 81104), Modified	7127051	1.000	LSUM
1990	_ Bridge Joints, Clean and Seal (S07-4 of 81104), Modified	7127051	1.000	LSUM
2000	_ Bridge Joints, Clean and Seal, (B02-4 of 81104), Modified	7127051	1.000	LSUM
2010	Beam Plate, Seal Perimeter	7130010	364.000	Ft
2020	Stiffeners, Furn, Fab, and Erect	7130060	225.000	Lb
2030	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	823.000	Lb
2040	Support, Column, Temp	7130080	7.000	Ea
2050	Steel Structure, Cleaning, Partial, Type 4 S06 of 81104	7150047	1.000	LSUM
2060	Steel Structure, Coating, Partial, Type 4 S06 of 81104	7150048	1.000	LSUM
2070	Field Repair of Damaged Coating	7160001	1.000	LSUM

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 023 **Letting Date:** February 5, 2021 **Contract ID:** 41000-206946

Description: 1.90 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, storm sewer, watermain and pavement markings on Franklin Street from Division Avenue to the east city limits of Grand Rapids in the city of Grand Rapids, Kent County. This is Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206946A	21A0179	N/A	HIPU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $267,700.00	1500001	1.000	LSUM
0020	_ Curb and Gutter, Rem, Modified	2047001	3,600.000	Ft
0030	_ Pavt, Rem, Modified	2047011	6,350.000	Syd
0040	_ Sidewalk, Rem, Modified	2047011	2,225.000	Syd
0050	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0060	_ Machine Grading, Modified, Mill Section	2057002	76.000	Sta
0070	_ Machine Grading, Modified, Trench Section	2057002	24.000	Sta
0080	_ Protect Tree	2087050	11.000	Ea
0090	_ Storm Water Operator's Inspections	2087050	20.000	Ea
0100	_ Dust Control	2087051	1.000	LSUM
0110	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0120	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0130	Project Cleanup	2090001	1.000	LSUM
0140	Subbase, CIP	3010002	2,400.000	Cyd
0150	_ Aggregate Base, 8 inch, Modified	3027011	6,300.000	Syd
0160	Maintenance Gravel, LM	3060021	100.000	Cyd
0170	_ Basin Connection, C76 Cl III, 12 inch	4027001	120.000	Ft
0180	_ Basin Connection, Ductile Iron Cl 53, 12 inch	4027001	85.000	Ft
0190	_ Storm Sewer, C76 Cl III, 12 inch	4027001	70.000	Ft
0200	_ Core and Boot 12 inch Sewer into Existing Manhole	4027050	7.000	Ea
0210	_ Dr Structure Cover, Special	4037030	16,856.000	Lb
0220	_ Catch Basin, Det S-4 with S-3 Casting, 2' Dia	4037050	1.000	Ea
0230	_ Catch Basin, Det S-4 with S-3 Casting, 4' Dia	4037050	3.000	Ea
0240	_ Catch Basin, Det S-4, 4' Dia	4037050	3.000	Ea
0250	_ Dr Structure Cover, Adj, Special	4037050	143.000	Ea
0260	_ Storm Manhole, Det S-1, 4' Dia	4037050	1.000	Ea
0270	Cold Milling HMA Surface	5010002	38,500.000	Syd

0280	Hand Patching	5010025	50.000	Ton
0290	HMA, 3E1	5010044	870.000	Ton
0300	HMA, 3E10	5010046	95.000	Ton
0310	HMA, 4E1	5010050	870.000	Ton
0320	HMA, 4E10	5010052	110.000	Ton
0330	HMA, 5E1	5010056	1,325.000	Ton
0340	HMA, 5E10	5010058	3,810.000	Ton
0350	Driveway, Nonreinf Conc, 6 inch	8010005	60.000	Syd
0360	_ Curb and Gutter, Conc, Det P-5, Modified, 12 inch pan	8027001	245.000	Ft
0370	_ Curb and Gutter, Conc, Det P-5, Modified, 18 inch pan	8027001	2,505.000	Ft
0380	Curb Ramp Opening, Conc	8030030	840.000	Ft
0390	Sidewalk Ramp, Conc, 6 inch	8030036	9,000.000	Sft
0400	Sidewalk, Conc, 4 inch	8030044	11,600.000	Sft
0410	Sidewalk, Conc, 6 inch	8030046	80.000	Sft
0420	_ Detectable Warning Surface, Modified	8037001	840.000	Ft
0430	Sign, Type IIIB	8100405	610.000	Sft
0440	_ Sign Post	8107050	83.000	Ea
0450	_ Sign, Rem and Salvage	8107050	5.000	Ea
0460	Recessing Pavt Mrkg, Transv	8110451	6,800.000	Sft
0470	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	800.000	Ft
0480	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	22,700.000	Ft
0490	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	16,900.000	Ft
0500	_ Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, Crosswalk	8117001	5,500.000	Ft
0510	_ Pavt Mrkg, Wet Retrflec Polyurea, 24 inch, Stop Bar	8117001	650.000	Ft
0520	_ Pavt Mrkg, Preformed Thermopl, Bike	8117050	47.000	Ea
0530	_ Pavt Mrkg, Preformed Thermopl, Direction Arrow Sym, Bike	8117050	47.000	Ea
0540	_ Pavt Mrkg, Preformed Thermopl, Sharrow Sym	8117050	6.000	Ea
0550	_ Pavt Mrkg, Wet Retrflec Polyurea, Lt Turn Arrow Sym	8117050	10.000	Ea
0560	Barricade, Type III, High Intensity, Lighted, Furn	8120022	45.000	Ea
0570	Barricade, Type III, High Intensity, Lighted, Oper	8120023	45.000	Ea
0580	Pedestrian Type II Barricade, Temp	8120026	27.000	Ea
0590	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0600	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0610	Minor Traf Devices	8120170	1.000	LSUM
0620	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	200.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	800.000	Ft
0650	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0660	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	1,727.000	Sft

0680	Sign, Type B, Temp, Prismatic, Oper	8120351	1,727.000	Sft
0690	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	89.000	Sft
0700	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	89.000	Sft
0710	_ Carpinus Caroliniana, 2-1/2 inch	8157050	15.000	Ea
0720	_ Celtis Occidentalis, 3 inch	8157050	13.000	Ea
0730	_ Cercis Canadis 'Appalachian Red', 2-1/2 inch	8157050	21.000	Ea
0740	_ Gleditsia Traincanthos Inermis 'Impcole', 3 inch	8157050	17.000	Ea
0750	_ Syringa Reticulata 'Ivory Silk', 2-1/2 inch	8157050	18.000	Ea
0760	_ Ulmus 'New Horizon', 3 inch	8157050	19.000	Ea
0770	_ Zelkova Serrata 'Green Vase', 3 inch	8157050	11.000	Ea
0780	_ Watering and Cultivating, Special	8157051	1.000	LSUM
0790	_ Turf Establishment	8167011	600.000	Syd
0800	Gate Well,Abandon	8230075	17.000	Ea
0810	_ Hydrant Extension	8237001	5.000	Ft
0820	_ Water Main, DI Cl 53, 10 inch	8237001	30.000	Ft
0830	_ Water Main, DI Cl 53, 12 inch	8237001	2,550.000	Ft
0840	_ Water Main, DI Cl 53, 4 inch	8237001	25.000	Ft
0850	_ Water Main, DI Cl 53, 6 inch	8237001	340.000	Ft
0860	_ Water Main, DI Cl 53, 8 inch	8237001	215.000	Ft
0870	_ Water Service, 1 inch	8237001	1,200.000	Ft
0880	_ Water Service, 1.5 inch	8237001	15.000	Ft
0890	_ Water Service, 2 inch	8237001	25.000	Ft
0900	_ Bend, 11.25 degree, 6 inch	8237050	2.000	Ea
0910	_ Bend, 22.5 degree, 12 inch	8237050	4.000	Ea
0920	_ Bend, 22.5 degree, 6 inch	8237050	7.000	Ea
0930	_ Bend, 22.5 degree, 8 inch	8237050	5.000	Ea
0940	_ Bend, 45 degree, 10 inch	8237050	2.000	Ea
0950	_ Bend, 45 degree, 12 inch	8237050	4.000	Ea
0960	_ Bend, 45 degree, 4 inch	8237050	2.000	Ea
0970	_ Bend, 45 degree, 6 inch	8237050	20.000	Ea
0980	_ Bend, 45 degree, 8 inch	8237050	18.000	Ea
0990	_ Cross, 12 x 6 inch	8237050	2.000	Ea
1000	_ Cross, 12 x 8 inch	8237050	1.000	Ea
1010	_ Curb Stop and Box on Water Service, 1 inch	8237050	37.000	Ea
1020	_ Curb Stop and Box on Water Service, 1.5 inch	8237050	1.000	Ea
1030	_ Curb Stop and Box on Water Service, 2 inch	8237050	2.000	Ea
1040	_ Exploratory Investigation, Water Service	8237050	30.000	Ea
1050	_ Hydrant, 5 inch	8237050	8.000	Ea
1060	_ Hydrant, Rem, Modified	8237050	5.000	Ea
1070	_ Reducer, 12 x 10 inch	8237050	1.000	Ea
1080	_ Reducer, 16 x 12 inch	8237050	1.000	Ea
1090	_ Reducer, 8 x 6 inch	8237050	1.000	Ea
1100	_ Sleeve, 10 inch	8237050	1.000	Ea
1110	_ Sleeve, 4 inch	8237050	1.000	Ea
1120	_ Sleeve, 6 inch	8237050	4.000	Ea

1130	_ Sleeve, 8 inch	8237050	5.000	Ea
1140	_ Tap for Water Service including Corporation Stop, 1 inch	8237050	37.000	Ea
1150	_ Tap for Water Service including Corporation Stop, 1.5 inch	8237050	1.000	Ea
1160	_ Tap for Water Service including Corporation Stop, 2 inch	8237050	2.000	Ea
1170	_ Tee, 10 x 10 x 6 inch	8237050	1.000	Ea
1180	_ Tee, 12 x 12 x 4 inch	8237050	1.000	Ea
1190	_ Tee, 12 x 12 x 6 inch	8237050	6.000	Ea
1200	_ Tee, 12 x 12 x 8 inch	8237050	3.000	Ea
1210	_ Tee, 6 x 6 x 6 inch	8237050	1.000	Ea
1220	_ Valve and Box, 10 inch	8237050	1.000	Ea
1230	_ Valve and Box, 12 inch	8237050	5.000	Ea
1240	_ Valve and Box, 4 inch	8237050	1.000	Ea
1250	_ Valve and Box, 6 inch	8237050	12.000	Ea
1260	_ Valve and Box, 8 inch	8237050	3.000	Ea
1270	_ Valve Box, Adj, Special	8237050	84.000	Ea
1280	_ Water Service, 1 inch (Curb Box to Meter)	8237050	21.000	Ea
1290	_ Water Service, 1 inch (Curb Box to Meter), over 40 feet	8237050	9.000	Ea
1300	_ Water Service, 1.5 inch (Curb Box to Meter), over 40 feet	8237050	1.000	Ea
1310	_ Internal Plumbing, Water Service	8237060	8,000.000	Dlr
1320	Flowable Fill, Non-Structural	8260148	65.000	Cyd
1330	_ Preconstruction Documentation	8507051	1.000	LSUM
1340	_ Additional Insurance	8507060	7,000.000	Dlr
1350	_ Contaminated Material, Storage, Handling and Disposal	8507060	10,000.000	Dlr

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 024 **Letting Date:** February 5, 2021 **Contract ID:** 09000-206231

Description: 0.41 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, watermain, storm sewer, signing and pavement markings on Wenona Avenue from Ionia Street to Fisher Street in the city of Bay City, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206231A	21A0182	N/A	STUL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $185,000.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	30.000	Ea
0040	Dr Structure, Rem	2030011	27.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	680.000	Ft
0060	Sewer, Rem, 24 inch to 48 inch	2030016	10.000	Ft
0070	Curb and Gutter, Rem	2040020	4,640.000	Ft
0080	Sidewalk, Rem	2040055	2,370.000	Syd
0090	Exploratory Investigation, Vertical	2040080	100.000	Ft
0100	_ Driveway, Rem	2047011	980.000	Syd
0110	_ Pavt, Rem, Modified	2047011	9,580.000	Syd
0120	Embankment, CIP	2050010	920.000	Cyd
0130	Excavation, Earth	2050016	9,670.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	33.000	Ea
0150	Subbase, CIP	3010002	3,810.000	Cyd
0160	Aggregate Base, 6 inch	3020016	1,520.000	Syd
0170	Aggregate Base, 10 inch	3020026	9,460.000	Syd
0180	Maintenance Gravel	3060020	250.000	Ton
0190	Sewer, Cl IV, 12 inch, Tr Det B	4020987	866.000	Ft
0200	Sewer, Cl IV, 24 inch, Tr Det B	4020993	10.000	Ft
0210	Sewer Tap, 12 inch	4021204	2.000	Ea
0220	Sewer Tap, 24 inch	4021207	6.000	Ea
0230	Video Taping Sewer and Culv Pipe	4021275	866.000	Ft
0240	_ Sanitary Sewer Lateral, 6 inch, PVC SDR 26, Tr Det B	4027001	1,441.000	Ft
0250	_ Cleanout Assembly with Cover, 6 inch, PVC SDR 26	4027050	41.000	Ea
0260	_ Sanitary Sewer Lateral Tap, Clay	4027050	41.000	Ea
0270	Dr Structure Cover, Adj, Case 1, Modified	4030004	24.000	Ea

0280	Dr Structure Cover, Type D	4030025	1.000	Ea
0290	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	10.000	Ft
0300	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0310	Dr Structure, Tap, 12 inch	4030312	15.000	Ea
0320	_ Doghouse Structure Over Sewer	4037050	1.000	Ea
0330	_ Dr Structure Cover, Type B, Modified	4037050	16.000	Ea
0340	_ Dr Structure Cover, Type K, Modified	4037050	28.000	Ea
0350	_ Dr Structure Cover, Type Q, Modified	4037050	13.000	Ea
0360	_ Dr Structure, 48 inch dia, Modified	4037050	33.000	Ea
0370	_ Structure Collar, 12 inch, Modified	4037050	8.000	Ea
0380	_ Structure Collar, 48 inch, Modified	4037050	30.000	Ea
0390	Underdrain, Subbase, 6 inch	4040063	4,520.000	Ft
0400	HMA, 4E1	5010050	1,330.000	Ton
0410	HMA, 5E1	5010056	900.000	Ton
0420	HMA Approach	5010061	670.000	Ton
0430	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	571.000	Syd
0440	Curb and Gutter, Conc, Det F4	8020038	4,520.000	Ft
0450	Curb Ramp Opening, Conc	8030030	210.000	Ft
0460	_ Detectable Warning Surface, Modified	8037001	170.000	Ft
0470	_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	2,980.000	Sft
0480	_ Sidewalk, Conc, 4 inch, Modified	8037010	13,760.000	Sft
0490	_ Sidewalk, Conc, 6 inch, Modified	8037010	4,430.000	Sft
0500	Post, Steel, 3 lb	8100371	438.000	Ft
0510	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0520	Sign, Type III, Rem	8100403	56.000	Ea
0530	Sign, Type IIIA	8100404	113.000	Sft
0540	Sign, Type IIIB	8100405	157.000	Sft
0550	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,000.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	171.000	Ft
0570	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,770.000	Ft
0580	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,200.000	Ft
0590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,770.000	Ft
0600	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,200.000	Ft
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	45.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	45.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0650	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	263.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	263.000	Sft
0680	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	93.000	Sft
0690	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	93.000	Sft
0700	Traf Regulator Control	8120370	1.000	LSUM

0710	_ Turf Establishment, Performance	8167011	3,700.000	Syd
0720	Monument Box	8210001	1.000	Ea
0730	Monument Preservation	8210010	1.000	Ea
0740	Protect Corners	8210020	8.000	Ea
0750	Gate Well,Rem	8230076	1.000	Ea
0760	_ Abandon Water Main, Flowable Fill	8237001	2,220.000	Ft
0770	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	2,490.000	Ft
0780	_ Water Main, Rem	8237001	270.000	Ft
0790	_ Water Service Lead, 1 inch, Modified	8237001	1,168.000	Ft
0800	_ Water Service Lead, 2 inch, Modified	8237001	4.000	Ft
0810	_ Connect to Existing Water Main	8237050	8.000	Ea
0820	_ Curb Stop and Box, 1 inch, Modified	8237050	39.000	Ea
0830	_ Curb Stop and Box, 2 inch, Modified	8237050	1.000	Ea
0840	_ Fire Hydrant w/ Valve Assembly	8237050	6.000	Ea
0850	_ Gate Valve and Box, 8 inch, Modified	8237050	13.000	Ea
0860	_ Remove and Salvage Existing Hydrant	8237050	4.000	Ea
0870	_ Water Main Line Stop, 6 inch	8237050	2.000	Ea

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 025 **Letting Date:** February 5, 2021 **Contract ID:** 77000-204993

Description: 3.22 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Wadhams Road from Lapeer Road to north of North River Road, North River Road from Wadhams Road to Lightle Road and Lapeer Road from I-94 to 24th Street, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204993A	21A0210	N/A	STUL 77000
204994A	21A0210	N/A	STUL 77000
204996A	21A0210	N/A	STUL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $58,100.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	_ Shoulder, Cl II, Modified	3077031	212.000	Ton
0040	Cold Milling HMA Surface	5010002	63,305.000	Syd
0050	Hand Patching	5010025	30.000	Ton
0060	HMA, 4E10	5010052	999.000	Ton
0070	HMA, 5E10	5010058	4,735.000	Ton
0080	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	117.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	359.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	21.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	13.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	5.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	10.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,894.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	34,290.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	20,172.000	Ft
0190	Rem Spec Mrkg	8110343	251.000	Sft
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	322.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	322.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,	8120235	700.000	Ft

	White, Temp			
0260	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,320.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	461.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,026.000	Ft
0290	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0300	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0310	Sign Cover	8120310	11.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	1,249.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	1,249.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	_ Monument Box, Special	8127050	14.000	Ea
0400	_ Railroad Protection, At Grade Crossing	8127060	4,000.000	Dlr

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 026 **Letting Date:** February 5, 2021 **Contract ID:** 67000-207713

Description: Bridge reconstruction with 17 inch prestressed concrete box beams and approach work on 5th Avenue over West Branch Clam River, Osceola County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207713A	21A0169	N/A	BRT 67000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $71,000.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	398.000	Cyd
0030	Excavation, Earth	2050016	352.000	Cyd
0040	Erosion Control, Silt Fence	2080036	911.000	Ft
0050	Subbase, CIP	3010002	725.000	Cyd
0060	Aggregate Base, 6 inch	3020016	1,530.000	Syd
0070	Shoulder, Cl II, 3 inch	3070125	1,915.000	Syd
0080	HMA Surface, Rem	5010005	1,036.000	Syd
0090	HMA, 13A	5010033	261.000	Ton
0100	Conc Pavt, Bridge Approach, Reinf	6020600	152.000	Syd
0110	Guardrail, Type MGS-8	8070004	88.000	Ft
0120	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0130	Guardrail Reflector	8070080	8.000	Ea
0140	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0150	Fence, Protective	8080007	80.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	994.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	994.000	Ft
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	474.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	474.000	Sft
0230	Fertilizer, Chemical Nutrient, Cl A	8160020	54.000	Lb
0240	Mulch	8160025	482.000	Syd
0250	Mulch Anchoring	8160026	482.000	Syd
0260	Mulch Blanket, High Velocity	8160028	650.000	Syd
0270	Seeding, Mixture THV	8160040	52.000	Lb

0280	Topsoil Surface, Furn, 3 inch	8160061	1,132.000	Syd

Section: 2

0290	Structures, Rem	2040060	1.000	LSUM
0300	_ Conc Barrier, Temp, Rem and Salv	2047001	80.000	Ft
0310	Backfill, Structure, CIP	2060002	300.000	Cyd
0320	Excavation, Fdn	2060010	683.000	Cyd
0330	Erosion Control, Filter Bag	2080014	2.000	Ea
0340	Open-Graded Dr Cse, CIP	3030030	224.000	Cyd
0350	Dr Marker Post	4011109	6.000	Ea
0360	Underdrain, Fdn, 4 inch	4040031	37.000	Ft
0370	Underdrain, Fdn, 6 inch	4040033	131.000	Ft
0380	Underdrain Outlet, 4 inch	4040091	31.000	Ft
0390	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0400	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0410	Cofferdams	7040007	1.000	LSUM
0420	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0430	Pile, Steel, Furn and Driven, 14 inch	7050034	1,476.000	Ft
0440	Test Pile, Steel, 14 inch	7050035	2.000	Ea
0450	Pile, Steel, Splice	7050050	2.000	Ea
0460	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0470	Bridge Ltg, Oper and Maintain	7060002	31.000	Cyd
0480	Conc, Grade T	7060013	28.000	Cyd
0490	Expansion Joint Device	7060050	74.000	Ft
0500	False Decking	7060060	1,520.000	Sft
0510	Reinforcement, Steel, Epoxy Coated	7060092	20,790.000	Lb
0520	Substructure Conc	7060100	126.000	Cyd
0530	Superstructure Conc	7060110	13.000	Cyd
0540	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0550	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0560	Superstructure Conc, Night Casting	7060113	31.000	Cyd
0570	Bearing, Elastomeric, 3/4 inch	7070011	4,356.000	Sin
0580	Prest Conc Deck, 17 inch	7080002	1,618.000	Sft
0590	Post Tensioning	7080015	1.000	LSUM
0600	Joint Waterproofing	7100001	195.000	Sft
0610	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
0620	Bridge Railing, Aesthetic Parapet Tube	7110005	92.000	Ft
0630	Riprap, Heavy	8130005	107.000	Syd

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 027 **Letting Date:** February 5, 2021 **Contract ID:** 77000-207704

Description: Bridge replacement with 3 span timber laminated plank superstructure to include steel piles, cofferdams, steel sheet piling, approach work, concrete curb and gutter and pavement markings on Flamingo Road over unnamed canal, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207704A	21A0162	N/A	HIPL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $130,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	219.000	Ft
0040	Exploratory Investigation, Vertical	2040080	100.000	Ft
0050	_ Pavt, Rem, Modified	2047011	961.000	Syd
0060	Embankment, CIP	2050010	30.000	Cyd
0070	Excavation, Earth	2050016	235.000	Cyd
0080	Obliterate Old Road	2070001	1.000	Sta
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0100	Erosion Control, Silt Fence	2080036	175.000	Ft
0110	Project Cleanup	2090001	1.000	LSUM
0120	_ Aggregate Base, Modified	3027031	425.000	Ton
0130	Maintenance Gravel	3060020	115.000	Ton
0140	_ GeoGrid Reinforcement	3087011	178.000	Syd
0150	_ Geotextile Base Reinforcement	3087011	217.000	Syd
0160	Video Taping Sewer and Culv Pipe	4021275	300.000	Ft
0170	_ Sewer, Cl A, 12 inch, Modified	4027001	300.000	Ft
0180	Dr Structure Cover, Type B	4030010	1.000	Ea
0190	Dr Structure Cover, Type C	4030015	4.000	Ea
0200	Dr Structure Cover, Type G	4030040	1.000	Ea
0210	Dr Structure, 24 inch dia	4030200	4.000	Ea
0220	_ Dr Structure , 36 inch dia	4037050	2.000	Ea
0230	HMA, 3C	5010031	97.000	Ton
0240	HMA, 13A	5010033	61.000	Ton
0250	HMA Approach	5010061	73.000	Ton
0260	Joint, Expansion, E4	6020209	56.000	Ft
0270	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	52.000	Syd

0280	Driveway, Reinf Conc, 6 inch	8010001	19.000	Syd
0290	_ Curb and Gutter, Bridge Approach, Modified	8027001	40.000	Ft
0300	_ Curb and Gutter, Conc, Det SCCRC	8027001	150.000	Ft
0310	Guardrail Reflector	8070080	8.000	Ea
0320	Post, Mailbox	8070095	3.000	Ea
0330	_ Guardrail Anch, Bridge, Curved. Special	8077050	3.000	Ea
0340	_ Guardrail Anch, Bridge, Special	8077050	1.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	22.000	Ft
0360	Rem Spec Mrkg	8110343	44.000	Sft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0390	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	26.000	Ea
0400	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	26.000	Ea
0410	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	4.000	Ea
0420	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	4.000	Ea
0430	Conc Barrier, Temp, Furn	8120081	175.000	Ft
0440	Conc Barrier, Temp, Oper	8120082	175.000	Ft
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Plastic Drum, Fluorescent, Furn	8120252	8.000	Ea
0470	Plastic Drum, Fluorescent, Oper	8120253	8.000	Ea
0480	PTS System, Temp, Furn	8120270	1.000	Ea
0490	PTS System, Temp, Oper	8120271	1.000	Ea
0500	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0510	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0520	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0530	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	339.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	339.000	Sft
0560	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	55.000	Sft
0570	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	55.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	_ Traffic Control, Temporary Canal Crossing	8127051	1.000	LSUM
0600	_ Slope Restoration, Modified	8167011	527.000	Syd

Section: 2

0610	Structures, Rem Portions	2040061	1.000	LSUM
0620	Excavation, Channel	2050015	136.000	Cyd
0630	Excavation, Fdn	2060010	116.000	Cyd
0640	_ Backfill, Structure, Modified	2067021	65.000	Cyd
0650	Erosion Control, Filter Bag	2080014	8.000	Ea
0660	Erosion Control, Gravel Filter Berm	2080018	80.000	Ft
0670	Erosion Control, Turbidity Curtain, Deep	2080042	152.000	Ft
0680	_ Geocell Reinforcement	3087011	48.000	Syd

0690	Cofferdams	7040007	1.000	LSUM
0700	_ Steel Sheet Piling, Permanent, Galvanized	7047010	121.000	Sft
0710	_ Cofferdams, Left in Place, Modified	7047051	1.000	LSUM
0720	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0730	Pile, Steel, Furn and Driven, 12 inch	7050030	2,586.000	Ft
0740	Pile, Steel, Splice	7050050	55.000	Ea
0750	_ Vibration Monitoring	7057051	1.000	LSUM
0760	Conc, Grade T	7060013	59.000	Cyd
0770	False Decking	7060060	1,135.000	Sft
0780	_ Substructure Conc, Modified	7067021	42.000	Cyd
0790	_ Reinforcement, Steel, Galvanized	7067030	7,209.000	Lb
0800	_ Structure Name Plate	7067050	1.000	Ea
0810	_ Timber Deck, Plank Laminated	7067051	1.000	LSUM
0820	Riprap, Plain	8130010	151.000	Syd

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 028 **Letting Date:** February 5, 2021 **Contract ID:** 41000-205533

Description: 5.82 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, guardrail and pavement markings on 13 Mile Road NE from the east village limits of Sparta Village to Grange Avenue, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205533A	21A0181	N/A	STU 41000
205703A	21A0205	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $108,700.00	1500001	1.000	LSUM
0020	Curb, Rem	2040021	754.000	Ft
0030	Guardrail, Rem	2040035	4,369.000	Ft
0040	Pavt, Rem	2040050	205.000	Syd
0050	Erosion Control, Silt Fence	2080036	275.000	Ft
0060	_ Project Cleanup, Modified	2097051	1.000	LSUM
0070	Material, Surplus and Unsuitable, Rem, LM	3050010	2,000.000	Cyd
0080	Salv Crushed Material, LM	3050015	2,500.000	Cyd
0090	_ HMA Base Crushing and Shaping, Modified	3057011	117,660.000	Syd
0100	Approach, Cl III, 4 inch	3070046	2,700.000	Syd
0110	Shoulder, Cl III	3070141	550.000	Ton
0120	_ Shoulder Cl III, CIP, Modified	3077011	37,900.000	Syd
0130	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0140	Cold Milling HMA Surface	5010002	9,521.000	Syd
0150	HMA Surface, Rem	5010005	3,300.000	Syd
0160	HMA, 3C	5010031	13,900.000	Ton
0170	HMA, 5E1	5010056	11,300.000	Ton
0180	HMA Approach	5010061	850.000	Ton
0190	_ HMA Spillway	5017001	175.000	Ft
0200	Driveway, Nonreinf Conc, 6 inch	8010005	120.000	Syd
0210	Curb and Gutter, Conc, Det B2	8020016	695.000	Ft
0220	Guardrail, Type B	8070000	3,874.000	Ft
0230	Guardrail Approach Terminal, Type 2B	8070042	28.000	Ea
0240	Guardrail Reflector	8070080	103.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	31,650.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	31,750.000	Ft

0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0290	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0300	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	630.000	Ft
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	293.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	293.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Riprap, Plain	8130010	125.000	Syd
0390	Mulch Blanket	8160027	2,000.000	Syd
0400	_ Roadside Seeding	8167002	15.000	Sta
0410	Monument Box	8210001	12.000	Ea
0420	Monument Preservation	8210010	12.000	Ea
0430	_ Well Brine, 26%	8507022	90,000.000	Gal

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 029 **Letting Date:** February 5, 2021 **Contract ID:** 51000-206019

Description: 2.12 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate base, guardrail and pavement markings on Glovers Lake Road from east of Keillor Road east to US-31, Manistee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206019A	21A0218	N/A	STL 51000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $86,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Embankment, LM	2050011	100.000	Cyd
0040	_ Roadway Grading	2057002	2.000	Sta
0050	Aggregate Base	3020001	5,723.000	Ton
0060	HMA Base Crushing and Shaping	3050002	38,470.000	Syd
0070	Approach, Cl I	3070001	62.000	Ton
0080	Approach, Cl II	3070021	75.000	Ton
0090	Shoulder, Cl II	3070121	1,110.000	Ton
0100	Trenching	3070200	223.000	Sta
0110	Culv, Cl F, 15 inch	4010608	36.000	Ft
0120	HMA Surface, Rem	5010005	380.000	Syd
0130	HMA, 4E1	5010050	6,186.000	Ton
0140	HMA Approach	5010061	122.000	Ton
0150	Curb Sloped, HMA	8050010	1,170.000	Ft
0160	Guardrail, Type B	8070000	3,126.000	Ft
0170	Guardrail, Curved, Type B	8070010	39.000	Ft
0180	Guardrail Approach Terminal, Type 1B	8070040	6.000	Ea
0190	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0200	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0210	Guardrail Reflector	8070080	126.000	Ea
0220	Post, Mailbox	8070095	10.000	Ea
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,426.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,530.000	Ft
0250	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	900.000	Ft
0290	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0300	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0310	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	900.000	Ft
0320	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	225.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	541.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	541.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Riprap, Plain	8130010	15.000	Syd
0370	Paved Ditch, HMA	8140010	24.000	Syd
0380	_ Slope Restoration, Type 1	8167011	1,000.000	Syd
0390	_ Slope Restoration, Type 2	8167011	750.000	Syd
0400	Monument Box	8210001	2.000	Ea
0410	Monument Preservation	8210010	4.000	Ea

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 030 **Letting Date:** February 5, 2021 **Contract ID:** 09032-210701

Description: Traffic signal installation, concrete curb and gutter, sidewalk and sidewalk ramps on M-13 at the intersection of M-84 in the city of Bay City, Bay County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210701A	N/A	N/A	M 09023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $22,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	51.000	Ft
0030	Sidewalk, Rem	2040055	62.000	Syd
0040	Exploratory Investigation, Vertical	2040080	40.000	Ft
0050	Excavation, Earth	2050016	16.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0080	Subbase, CIP	3010002	6.000	Cyd
0090	HMA Surface, Rem	5010005	12.000	Syd
0100	Hand Patching	5010025	5.000	Ton
0110	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0120	_ Roadside Unit, Intersection	8007050	1.000	Ea
0130	Curb and Gutter, Conc, Det F2	8020036	5.000	Ft
0140	Curb and Gutter, Conc, Det F6	8020040	21.000	Ft
0150	Detectable Warning Surface	8030010	21.000	Ft
0160	Curb Ramp Opening, Conc	8030030	25.000	Ft
0170	Sidewalk Ramp, Conc, 4 inch	8030034	480.000	Sft
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0200	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0210	Pedestrian Type II Channelizer, Temp	8120027	40.000	Ft
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0260	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea

0270	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0280	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Slope Restoration, Type A	8160100	55.000	Syd
0330	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0340	Conduit, DB, 1, 1 1/2 inch	8190027	116.000	Ft
0350	Conduit, DB, 3, 3 inch	8190035	42.000	Ft
0360	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
0370	Conduit, Rem	8190140	100.000	Ft
0380	Hh, Polymer Conc	8190250	2.000	Ea
0390	Hh, Rem	8190254	3.000	Ea
0400	Hh, Round, 3 foot dia	8190259	1.000	Ea
0410	Hh, Round	8190260	2.000	Ea
0420	Cable, Sec, 600V, 1, 3/C#6	8190399	100.000	Ft
0430	Wood Pole, Rem	8190505	1.000	Ea
0440	_ Conduit, DB, 1, 1 inch	8197001	22.000	Ft
0450	Controller and Cabinet, Rem	8200030	1.000	Ea
0460	Controller Fdn, Base Mount	8200045	1.000	Ea
0470	Controller Fdn, Rem	8200046	1.000	Ea
0480	Fdn, Rem	8200065	2.000	Ea
0490	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0500	Pedestal, Alum	8200100	6.000	Ea
0510	Pedestal, Fdn	8200105	6.000	Ea
0520	Pedestal Fdn, Rem	8200106	4.000	Ea
0530	Pedestal, Rem	8200110	4.000	Ea
0540	Pushbutton and Sign	8200121	8.000	Ea
0550	Pushbutton, Rem	8200122	8.000	Ea
0560	Serv Disconnect	8200135	1.000	Ea
0570	Serv Disconnect, Rem	8200136	1.000	Ea
0580	Span Wire	8200140	4.000	Ea
0590	Span Wire, Rem	8200141	4.000	Ea
0600	Steel Pole, Rem	8200145	2.000	Ea
0610	Guy, Rem	8200167	1.000	Ea
0620	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0630	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0640	TS, Span Wire Mtd, Rem	8200182	12.000	Ea
0650	Cabinet, NEMA Type	8200186	1.000	Ea
0660	TS, One Way Span Wire Mtd (LED)	8200313	5.000	Ea
0670	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0680	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
0690	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0700	TS, Pedestrian, One Way Pedestal Mtd (LED)	8200345	5.000	Ea

	Countdown			
0710	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0720	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0730	Hemispherical Video Detection Camera	8200444	2.000	Ea
0740	Hemispherical Video Detection System	8200445	1.000	Ea
0750	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
0760	Strain Pole Fdn, 6 Bolt	8200470	35.000	Ft
0770	Casing	8200480	28.000	Ft
0780	Cellular Modem, TS, 4G	8200498	1.000	Ea
0790	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0800	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0810	Lightning Protection, Pole	8260021	1.000	Ea

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 031 **Letting Date:** February 5, 2021 **Contract ID:** 73091-205423

Description: Railroad crossing reconstruction includes hot mix asphalt cold milling and resurfacing, pavement repair and pavement marking on M-13 just north of Potter Street and M-247 just north of M-13, Saginaw and Bay Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205423A	N/A	N/A	MRR 73091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $25,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	170.000	Ft
0030	Pavt, Rem	2040050	600.000	Syd
0040	Sidewalk, Rem	2040055	50.000	Syd
0050	Embankment, LM	2050011	30.000	Cyd
0060	Excavation, Earth	2050016	50.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0090	Erosion Control, Silt Fence	2080036	100.000	Ft
0100	Subbase, CIP	3010002	72.000	Cyd
0110	Aggregate Base	3020001	150.000	Ton
0120	Cold Milling HMA Surface	5010003	210.000	Ton
0130	HMA Surface, Rem	5010005	122.000	Syd
0140	HMA Quality Initiative	5010007	1,802.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	3,385.000	Dlr
0160	HMA Approach	5010061	901.000	Ton
0170	Curb and Gutter, Conc, Det F4	8020038	170.000	Ft
0180	Detectable Warning Surface	8030010	30.000	Ft
0190	Sidewalk Ramp, Conc, 4 inch	8030034	90.000	Sft
0200	Sidewalk, Conc, 4 inch	8030044	200.000	Sft
0210	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	120.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	445.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,025.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	445.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,025.000	Ft
0260	Barricade, Type III, High Intensity, Lighted, Furn	8120022	26.000	Ea
0270	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0300	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,210.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,210.000	Sft
0330	_ Turf Establishment, Performance	8167011	180.000	Syd
0340	_ Railroad Protection, At Grade Crossing	8507060	2,000.000	Dlr

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 032 **Letting Date:** February 5, 2021 **Contract ID:** 66013-123247

Description: Deck replacement, steel cleaning and coating and approach work on M-64 over Floodwood River, Ontonagon County. This project includes a 2 year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123247A	21A0247	N/A	ST 66013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $100,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	223.000	Ft
0030	Guardrail, Rem	2040035	632.000	Ft
0040	Pavt, Rem	2040050	585.000	Syd
0050	Excavation, Earth	2050016	1,249.000	Cyd
0060	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0070	Erosion Control, Silt Fence	2080036	1,207.000	Ft
0080	Subbase, CIP	3010002	1,033.000	Cyd
0090	Aggregate Base, LM	3020002	234.000	Cyd
0100	Aggregate Base, 6 inch	3020016	1,874.000	Syd
0110	Aggregate Base, 10 inch	3020026	37.000	Syd
0120	Approach, Cl II, LM	3070023	10.000	Cyd
0130	Shoulder, Cl II, LM	3070123	84.000	Cyd
0140	HMA Surface, Rem	5010005	1,751.000	Syd
0150	Longitudinal Joint Density Quality Initiative	5010018	2,655.000	Dlr
0160	HMA, LVSP	5010703	487.000	Ton
0170	Joint, Expansion, E3	6020208	213.000	Ft
0180	Conc Pavt, Bridge Approach, Reinf	6020600	550.000	Syd
0190	Curb and Gutter, Bridge Approach	8020010	327.000	Ft
0200	Guardrail, Type MGS-8	8070004	122.000	Ft
0210	Guardrail, Curved, Type B	8070010	63.000	Ft
0220	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0230	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0240	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0250	Guardrail Reflector	8070080	22.000	Ea
0260	Post, Mailbox	8070095	1.000	Ea
0270	Guardrail, Reconst, Type B	8070105	163.000	Ft
0280	Guardrail Anch, Bridge, Det M4	8070133	3.000	Ea

0290	Delineator Reflector, Green	8100133	4.000	Ea
0300	Post, Rigid, Delineator	8100361	2.000	Ea
0310	Post, Wood, 4 inch by 6 inch	8100380	84.000	Ft
0320	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0330	Sign, Type III, Rem	8100403	5.000	Ea
0340	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	350.000	Ft
0350	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,800.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	350.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,800.000	Ft
0380	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	330.000	Ft
0390	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	330.000	Ft
0400	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0430	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0440	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0450	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0460	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0470	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
0480	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	1.000	Ea
0490	Conc Barrier, Temp, Adj	8120080	575.000	Ft
0500	Conc Barrier, Temp, Furn	8120081	575.000	Ft
0510	Conc Barrier, Temp, Oper	8120082	575.000	Ft
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,500.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	200.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,200.000	Ft
0560	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0570	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	1.000	Ea
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0600	PTS System, Temp, Furn	8120270	2.000	Ea
0610	PTS System, Temp, Oper	8120271	2.000	Ea
0620	Sign Cover	8120310	4.000	Ea
0630	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0640	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	770.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	770.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	3,500.000	Ft

0690	Slope Restoration, Type B	8160101	1,597.000	Syd
0700	Monument Box Adjust	8210005	1.000	Ea
0710	Monument Preservation	8210010	1.000	Ea
0720	Centerline Corrugations, Milled, Conc	8220012	285.000	Ft
0730	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	570.000	Ft
0740	Contractor Staking	8240001	1.000	LSUM
0750	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0760	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0770	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr

Section: 2

0780	Excavation, Fdn	2060010	308.000	Cyd
0790	Underdrain, Fdn, 4 inch	4040031	186.000	Ft
0800	Underdrain Outlet, 4 inch	4040091	80.000	Ft
0810	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0820	Bridge Ltg, Furn and Rem (B08 of 66013)	7060001	1.000	LSUM
0830	Bridge Ltg, Oper and Maintain	7060002	179.000	Cyd
0840	Expansion Joint Device	7060050	90.000	Ft
0850	False Decking	7060060	3,652.000	Sft
0860	Reinforcement, Steel, Epoxy Coated	7060092	62,760.000	Lb
0870	Substructure Conc	7060100	2.000	Cyd
0880	Superstructure Conc	7060110	41.000	Cyd
0890	Superstructure Conc, Form, Finish, and Cure (B08 of 66013)	7060111	1.000	LSUM
0900	Superstructure Conc, Form, Finish, and Cure, Night Casting (B08 of 66013)	7060112	1.000	LSUM
0910	Superstructure Conc, Night Casting	7060113	179.000	Cyd
0920	Shear Developers	7070040	1.000	LSUM
0930	Joint Waterproofing	7100001	25.000	Sft
0940	Joint Waterproofing, Expansion	7100003	138.000	Sft
0950	Bridge Railing, 4 Tube	7110010	220.000	Ft
0960	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	4.000	Ea
0970	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	120.000	Ea
0980	Structures, Rehabilitation, Rem Portions (B08 of 66013)	7120070	1.000	LSUM
0990	Top Flanges and Beam Ends, Clean and Coat	7120100	54.000	Syd
1000	Embedded Galvanic Anode	7120120	58.000	Ea
1010	Beam Plate, Seal Perimeter	7130010	224.000	Ft
1020	Steel Structure, Cleaning, Type 4 (B08 of 66013)	7150045	1.000	LSUM
1030	Steel Structure, Coating, Type 4 (B08 of 66013)	7150046	1.000	LSUM

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 033 **Letting Date:** February 5, 2021 **Contract ID:** 39000-211148

Description: Installation of durable special pavement markings on various routes, Berrien, Branch, Calhoun, Cass, Kalamazoo and Van Buren Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211148A	21A0248	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $30,700.00	1500001	1.000	LSUM
0020	Rem Spec Mrkg	8110343	24,094.000	Sft
0030	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	2,425.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, Yellow	8110385	644.000	Ft
0050	Recessing Pavt Mrkg, Transv	8110451	22,915.000	Sft
0060	Recessing Pavt Mrkg, Guide Line	8110453	3,069.000	Ft
0070	_ Pavt Mrkg, Multipolymer, 12 inch, Cross Hatching, White	8117001	1,180.000	Ft
0080	_ Pavt Mrkg, Multipolymer, 12 inch, Cross Hatching, Yellow	8117001	2,112.000	Ft
0090	_ Pavt Mrkg, Multipolymer, 12 inch, Crosswalk	8117001	4,876.000	Ft
0100	_ Pavt Mrkg, Multipolymer, 24 inch, Stop Bar	8117001	3,808.000	Ft
0110	_ Pavt Mrkg, Multipolymer, 6 inch, Crosswalk	8117001	7,031.000	Ft
0120	_ Pavt Mrkg, Multipolymer, Bike Thru Arrow Sym	8117050	2.000	Ea
0130	_ Pavt Mrkg, Multipolymer, Bike, Small Sym	8117050	2.000	Ea
0140	_ Pavt Mrkg, Multipolymer, Lt Roundabout Arrow Sym	8117050	4.000	Ea
0150	_ Pavt Mrkg, Multipolymer, Lt Turn Arrow Sym	8117050	1.000	Ea
0160	_ Pavt Mrkg, Multipolymer, Merge	8117050	5.000	Ea
0170	_ Pavt Mrkg, Multipolymer, Merge Arrow Sym	8117050	9.000	Ea
0180	_ Pavt Mrkg, Multipolymer, Only	8117050	6.000	Ea
0190	_ Pavt Mrkg, Multipolymer, Rt Turn Arrow Sym	8117050	5.000	Ea
0200	_ Pavt Mrkg, Multipolymer, Sharrow Sym	8117050	1.000	Ea
0210	_ Pavt Mrkg, Multipolymer, Thru & Lt Roundabout Arrow Sym	8117050	11.000	Ea
0220	_ Pavt Mrkg, Multipolymer, Thru and Lt Turn Arrow Sym	8117050	8.000	Ea
0230	_ Pavt Mrkg, Multipolymer, Thru and Rt Turn Arrow Sym	8117050	1.000	Ea
0240	_ Pavt Mrkg, Multipolymer, Thru Arrow Sym	8117050	19.000	Ea

0250	_ Pavt Mrkg, Multipolymer, Wrong Way Arrow Sym	8117050	4.000	Ea
0260	_ Pavt Mrkg, Multipolymer, Yield	8117050	14.000	Ea
0270	_ Pavt Mrkg, Preformed Thermoplastic, I-94 Route Shield, 15 foot by 6 foot	8117050	2.000	Ea
0280	_ Pavt Mrkg, Preformed Thermoplastic, To	8117050	1.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 034 **Letting Date:** February 5, 2021 **Contract ID:** 78022-203668

Description: 3.66 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, pavement markings and railroad crossing improvements on US-12 from the Grand Elks Railroad easterly to west of Fairview Drive, on US-131 south of US-12 and on US-12 east of US-131 located in the village of White Pigeon, St. Joseph County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203668A	N/A	N/A	M 78022
210147A	N/A	N/A	MRR 78031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $99,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	84.000	Ft
0030	Pavt, Rem	2040050	500.000	Syd
0040	Sidewalk, Rem	2040055	176.000	Syd
0050	Embankment, CIP	2050010	21.000	Cyd
0060	Excavation, Earth	2050016	274.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	54.000	Ea
0090	Subbase, CIP	3010002	34.000	Cyd
0100	Aggregate Base, 3 inch	3020008	61.000	Syd
0110	Aggregate Base, 6 inch	3020016	410.000	Syd
0120	Shoulder, Cl II	3070121	112.000	Ton
0130	Geotextile, Separator	3080005	410.000	Syd
0140	Dr Structure Cover, Adj, Case 1, Modified	4030004	24.000	Ea
0150	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0160	Cold Milling HMA Surface	5010002	77,952.000	Syd
0170	HMA Surface, Rem	5010005	478.000	Syd
0180	HMA Quality Initiative	5010007	13,952.000	Dlr
0190	Longitudinal Joint Density Quality Initiative	5010018	34,220.000	Dlr
0200	Hand Patching	5010025	19.000	Ton
0210	HMA, 5E1	5010056	6,776.000	Ton
0220	HMA Approach	5010061	516.000	Ton
0230	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	26.000	Syd
0240	Detectable Warning Surface	8030010	152.000	Ft
0250	Curb Ramp Opening, Conc	8030030	109.000	Ft

0260	Sidewalk Ramp, Conc, 6 inch	8030036	1,024.000	Sft
0270	Sidewalk, Conc, 4 inch	8030044	816.000	Sft
0280	Delineator Reflector, Green	8100133	12.000	Ea
0290	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0300	Delineator, Rem	8100349	1.000	Ea
0310	Post, Rigid, Delineator	8100361	12.000	Ea
0320	Post, Steel, 3 lb	8100371	13.000	Ft
0330	Sign, Type IIIA	8100404	2.000	Sft
0340	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	422.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	180.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,450.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	23,490.000	Ft
0400	Pavt Mrkg, Waterborne, 6 inch, White	8110233	23,460.000	Ft
0410	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,450.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	23,490.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	23,460.000	Ft
0440	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0450	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	76.000	Ft
0460	Recessing Pavt Mrkg, Transv	8110451	863.000	Sft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0510	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,138.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,934.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	54.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	102.000	Ft
0590	Sign Cover	8120310	10.000	Ea
0600	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0610	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	2,264.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	2,264.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM

0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	240.000	Ft
0660	_ Railroad Protection, at Grade Crossing	8127060	500.000	Dlr
0670	Slope Restoration, Type A	8160100	98.000	Syd
0680	Slope Restoration, Type B	8160101	123.000	Syd
0690	TS Face, Bag	8200458	8.000	Ea
0700	TS Face, Bag, Rem	8200459	8.000	Ea
0710	Centerline Corrugations, Milled, HMA	8220013	10,480.000	Ft
0720	Gate Box, Adj, Case 1	8230431	4.000	Ea
0730	Contractor Staking, Road Only	8240007	1.000	LSUM
0740	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
0750	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0760	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 035 **Letting Date:** February 5, 2021 **Contract ID:** 39022-105885

Description: 2.68 mi of roadway reconstruction and widening, interchange reconfiguration including hot mix asphalt and concrete pavements, bridge rehabilitation, replacement of four bridges and one culvert, concrete curb, gutter, sidewalk and ramps, traffic signal upgrades, signing, freeway lighting, noise wall construction and pavement markings on I-94 from Lover's Lane to Sprinkle Road in the the cities of Kalamazoo and Portage, Kalamazoo County. This project includes two 5 year materials and workmanship pavement warranties and a 2 concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
105885A	21A0255	N/A	NH 39022
105886A	21A0256	N/A	NH 39022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Relocation and Site Cleanup	1077060	5,000.000	Dlr
0020	Critical Path Method Schedule	1080005	15,000.000	Dlr
0030	Mobilization, Max $8,195,500.00	1500001	1.000	LSUM
0040	Clearing	2010001	4.230	Acre
0050	Clearing, Fence	2010002	43.000	Sta
0060	_ Clearing, Noise Wall	2017002	84.000	Sta
0070	Tree, Rem, 19 inch to 36 inch	2020002	38.000	Ea
0080	Tree, Rem, 6 inch to 18 inch	2020004	138.000	Ea
0090	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0100	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0110	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0120	Culv, Rem, 24 inch to 48 inch	2030002	13.000	Ea
0130	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0140	Dr Structure, Rem	2030011	166.000	Ea
0150	Sewer, Rem, Less than 24 inch	2030015	13,347.000	Ft
0160	Sewer, Rem, 24 inch to 48 inch	2030016	442.000	Ft
0170	Conc Barrier, Rem	2040010	10,740.000	Ft
0180	Culv, Other than Pipe, Rem	2040015	7.000	Ea
0190	Curb and Gutter, Rem	2040020	6,191.000	Ft
0200	Fence, Rem	2040025	7,579.000	Ft
0210	Guardrail, Rem	2040035	11,651.000	Ft
0220	Masonry and Conc Structure, Rem	2040045	5,442.000	Cyd
0230	Pavt, Rem	2040050	146,680.000	Syd
0240	Sidewalk, Rem	2040055	1,205.000	Syd

0250	Exploratory Investigation, Vertical	2040080	210.000	Ft
0260	Embankment, CIP	2050010	119,941.000	Cyd
0270	Excavation, Channel	2050015	870.000	Cyd
0280	Excavation, Earth	2050016	292,368.000	Cyd
0290	Non Haz Contaminated Material Handling and Disposal, LM	2050031	4,336.000	Cyd
0300	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0310	_ Embankment, CIP, Special	2057021	328.000	Cyd
0320	Aggregate, 6A	2060001	624.000	Cyd
0330	Erosion Control, Check Dam, Stone	2080012	1,467.000	Ft
0340	Erosion Control, Filter Bag	2080014	6.000	Ea
0350	Erosion Control, Gravel Access Approach	2080016	8.000	Ea
0360	Erosion Control, Gravel Filter Berm	2080018	694.000	Ft
0370	Erosion Control, Inlet Protection, Fabric Drop	2080020	544.000	Ea
0380	Erosion Control, Inlet Protection, Sediment Trap	2080024	50.000	Ea
0390	Erosion Control, Maintenance, Sediment Removal	2080026	590.000	Cyd
0400	Erosion Control, Sediment Basin	2080032	50.000	Cyd
0410	Erosion Control, Sediment Trap	2080034	110.000	Ea
0420	Erosion Control, Silt Fence	2080036	13,364.000	Ft
0430	_ Permeable Runoff Structure	2087001	320.000	Ft
0440	_ Straw Wattle	2087001	5,415.000	Ft
0450	Subbase, CIP	3010002	89,196.000	Cyd
0460	Aggregate Base, 6 inch	3020016	47,743.000	Syd
0470	Open-Graded Dr Cse, 6 inch	3030006	178,896.000	Syd
0480	Open-Graded Dr Cse, CIP	3030030	1,380.000	Cyd
0490	_ Intersection Maintenance	3067050	6.000	Ea
0500	Shoulder, Cl II, 6 inch	3070128	2,529.000	Syd
0510	Geotextile, Separator	3080005	193,242.000	Syd
0520	Culv End Sect, 12 inch	4010012	17.000	Ea
0530	Culv End Sect, 15 inch	4010015	2.000	Ea
0540	Culv End Sect, 24 inch	4010024	2.000	Ea
0550	Culv End Sect, 30 inch	4010030	1.000	Ea
0560	Culv End Sect, 36 inch	4010036	1.000	Ea
0570	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0580	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0590	Culv End Sect, Conc, 48 inch	4010055	1.000	Ea
0600	Culv End Sect, Footing	4010072	1.000	Ea
0610	Culv End Sect, Metal, 42 inch	4010101	1.000	Ea
0620	Culv, Cl A, 24 inch	4010134	68.000	Ft
0630	Culv, Cl A, Conc, 12 inch	4010165	17.000	Ft
0640	Culv, Cl D, Conc, 42 inch	4010477	280.000	Ft
0650	Culv, Cl E, 24 inch	4010542	61.000	Ft
0660	Culv, Cl E, Conc, 24 inch	4010576	55.000	Ft
0670	Culv, Reinf Conc Ellip, HE Cl IV, 38 inch by 60 inch	4010907	100.000	Ft
0680	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea

0690	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	2.000	Ea
0700	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	5.000	Ea
0710	Culv, Slp End Sect, 1 on 4, 42 inch, Transv	4010932	1.000	Ea
0720	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	3.000	Ea
0730	Dr Marker Post	4011109	46.000	Ea
0740	Sewer, Cl A, 12 inch, Tr Det A	4020004	326.000	Ft
0750	Sewer, Cl A, 18 inch, Tr Det A	4020006	37.000	Ft
0760	Sewer, Cl A, 24 inch, Tr Det A	4020007	56.000	Ft
0770	Sewer, Cl A, 30 inch, Tr Det A	4020008	23.000	Ft
0780	Sewer, Cl A, 36 inch, Tr Det A	4020009	65.000	Ft
0790	Sewer, Cl A, 48 inch, Tr Det A	4020011	613.000	Ft
0800	Sewer, Cl A, 12 inch, Tr Det B	4020033	12,521.000	Ft
0810	Sewer, Cl A, 15 inch, Tr Det B	4020034	2,295.000	Ft
0820	Sewer, Cl A, 18 inch, Tr Det B	4020035	1,099.000	Ft
0830	Sewer, Cl A, 24 inch, Tr Det B	4020036	3,081.000	Ft
0840	Sewer, Cl A, 30 inch, Tr Det B	4020037	1,392.000	Ft
0850	Sewer, Cl A, 36 inch, Tr Det B	4020038	420.000	Ft
0860	Sewer, Cl A, 42 inch, Tr Det B	4020039	257.000	Ft
0870	Sewer, Cl B, 12 inch, Tr Det B	4020183	170.000	Ft
0880	Sewer, Cl B, 15 inch, Tr Det B	4020184	21.000	Ft
0890	Sewer, Cl B, 18 inch, Tr Det B	4020185	16.000	Ft
0900	Sewer, Cl B, 42 inch, Tr Det B	4020189	802.000	Ft
0910	Sewer, Cl E, 12 inch, Tr Det B	4020600	508.000	Ft
0920	Sewer, Cl E, 15 inch, Tr Det B	4020601	429.000	Ft
0930	Sewer, Cl E, 24 inch, Tr Det B	4020603	619.000	Ft
0940	Sewer, Cl E, 30 inch, Tr Det B	4020604	104.000	Ft
0950	Trench Undercut and Backfill	4021260	101.000	Cyd
0960	Video Taping Sewer and Culv Pipe	4021275	26,017.000	Ft
0970	Sewer, Reinf Conc Ellip, HE Cl A, 29 inch by 45 inch, Tr Det A	4021284	60.000	Ft
0980	Sewer, Reinf Conc Ellip, HE Cl A, 38 inch by 60 inch, Tr Det A	4021286	68.000	Ft
0990	Sewer, Reinf Conc Ellip, HE Cl IV, 29 inch by 45 inch, Tr Det B	4021454	574.000	Ft
1000	_ Bypass Pumping, Storm Sewer	4027050	1.000	Ea
1010	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
1020	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
1030	Dr Structure Cover, Type B	4030010	42.000	Ea
1040	Dr Structure Cover, Type CX	4030020	56.000	Ea
1050	Dr Structure Cover, Type D	4030025	2.000	Ea
1060	Dr Structure Cover, Type G	4030040	7.000	Ea
1070	Dr Structure Cover, Type J	4030045	28.000	Ea
1080	Dr Structure Cover, Type K	4030050	81.000	Ea
1090	Dr Structure Cover, Type W	4030080	16.000	Ea
1100	Dr Structure Cover, Type VG	4030090	108.000	Ea

1110	Dr Structure, 24 inch dia	4030200	30.000	Ea
1120	Dr Structure, 48 inch dia	4030210	241.000	Ea
1130	Dr Structure, 60 inch dia	4030220	34.000	Ea
1140	Dr Structure, 72 inch dia	4030230	22.000	Ea
1150	Dr Structure, 96 inch dia	4030234	2.000	Ea
1160	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	2.000	Ft
1170	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	82.000	Ft
1180	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	3.000	Ft
1190	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	28.000	Ft
1200	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	37.000	Ft
1210	Dr Structure, Tap, 6 inch	4030306	7.000	Ea
1220	Dr Structure, Tap, 12 inch	4030312	8.000	Ea
1230	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
1240	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
1250	Dr Structure, Tap, 24 inch	4030324	4.000	Ea
1260	Dr Structure, Tap, 36 inch	4030336	1.000	Ea
1270	Dr Structure, Tap, 42 inch	4030342	1.000	Ea
1280	Underdrain, Bank, 6 inch	4040003	101.000	Ft
1290	Underdrain, Pipe, Open-Graded, 6 inch	4040043	83,619.000	Ft
1300	Underdrain, Subbase, 6 inch	4040063	19,175.000	Ft
1310	Underdrain, Subgrade, 6 inch	4040073	501.000	Ft
1320	Underdrain Outlet, 4 inch	4040091	360.000	Ft
1330	Underdrain Outlet, 6 inch	4040093	6,721.000	Ft
1340	Underdrain, Outlet Ending, 4 inch	4040111	36.000	Ea
1350	Underdrain, Outlet Ending, 6 inch	4040113	34.000	Ea
1360	_ Underdrain, Rem	4047001	19,134.000	Ft
1370	Cold Milling HMA Surface	5010002	528.000	Syd
1380	HMA Surface, Rem	5010005	191,959.000	Syd
1390	HMA Patch, Rem	5010006	96.000	Syd
1400	HMA Quality Initiative	5010007	37,774.000	Dlr
1410	Pavt for Butt Joints, Rem	5010008	56.000	Syd
1420	Longitudinal Joint Density Quality Initiative	5010018	74,625.000	Dlr
1430	Pavt Joint and Crack Repr, Det 7	5010020	2,000.000	Ft
1440	Hand Patching	5010025	200.000	Ton
1450	HMA, 3E3	5010045	3,623.000	Ton
1460	HMA, 3E10	5010046	3,535.000	Ton
1470	HMA Approach	5010061	749.000	Ton
1480	HMA, 4E3, High Stress	5010509	5,132.000	Ton
1490	HMA, 4E10, High Stress	5010510	4,656.000	Ton
1500	HMA Approach, High Stress	5010520	992.000	Ton
1510	HMA, Temp Pavt (3E3)	5010804	255.000	Ton
1520	HMA, Temp Pavt (4E3)	5010805	305.000	Ton

1530	HMA, Temp Pavt (5E3)	5010806	305.000	Ton
1540	_ Ride Incentive	5017060	51,661.000	Dlr
1550	Joint, Contraction, C3p	6020201	37,280.000	Ft
1560	Joint, Expansion, E2	6020207	1,308.000	Ft
1570	Joint, Expansion, E3	6020208	855.000	Ft
1580	Joint, Expansion, E4	6020209	742.000	Ft
1590	Joint, Plane-of-Weakness, W	6020211	171.000	Ft
1600	Conc Quality Initiative	6020401	408,084.000	Dlr
1610	Conc Pavt, Nonreinf, 11 1/2 inch, High Performance	6020507	102,331.000	Syd
1620	Conc Pavt, Misc, Nonreinf, 9 1/2 inch, High Performance	6020515	19,898.000	Syd
1630	Conc Pavt, Misc, Nonreinf, 11 1/2 inch, High Performance	6020519	5,361.000	Syd
1640	Shoulder, Nonreinf Conc, High Performance	6020524	57,313.000	Syd
1650	_ Joint, Contraction, Cp, Modified	6027001	78,181.000	Ft
1660	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	969.000	Syd
1670	Lane Tie, Epoxy Anchored	6030030	184.000	Ea
1680	Steel Sheet Piling, Permanent	7040001	3,817.000	Sft
1690	Steel Sheet Piling, Temp	7040002	2,385.000	Sft
1700	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	1,741.000	Syd
1710	_ Splashboard, Rem and Salv (R01 of 39022)	7117051	1.000	LSUM
1720	_ Splashboard, Rem and Salv (R04 of 39022)	7117051	1.000	LSUM
1730	_ Fiber Optic, Cable, Reinstall	8007001	2,365.000	Ft
1740	_ Fiber Optic, Cable, Rem	8007001	3,405.000	Ft
1750	_ Pedestrian Path, Temp	8007001	400.000	Ft
1760	_ Geotextile Retaining Wall, Temp	8007011	400.000	Syd
1770	_ Cabinet Equipment, Rem and Salv, Cabinet Monitoring System	8007050	2.000	Ea
1780	_ Cabinet Equipment, Rem and Salv, Cable Modem	8007050	1.000	Ea
1790	_ Fiber Optic, Hardware Assembly, Rem	8007050	1.000	Ea
1800	_ Junction Box	8007050	6.000	Ea
1810	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
1820	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
1830	_ Power Distribution Unit	8007050	1.000	Ea
1840	_ Prest Spun Conc Pole, Rem, Shallow	8007050	1.000	Ea
1850	_ Roadside Unit, Intersection	8007050	1.000	Ea
1860	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
1870	_ Monitoring Structure(Noise Walls)	8007051	1.000	LSUM
1880	_ Monitoring Structure(S03 of 39022)	8007051	1.000	LSUM
1890	_ System Testing	8007051	1.000	LSUM
1900	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
1910	Driveway, Nonreinf Conc, 7 inch	8010006	537.000	Syd
1920	Curb, Conc, Det E2	8020002	126.000	Ft
1930	Curb, Conc, Det G1	8020005	3,764.000	Ft
1940	Curb and Gutter, Bridge Approach	8020010	463.000	Ft

1950	Curb and Gutter, Conc, Det B1	8020015	1,567.000	Ft
1960	Curb and Gutter, Conc, Det B2	8020016	662.000	Ft
1970	Curb and Gutter, Conc, Det D1	8020030	14,301.000	Ft
1980	Curb and Gutter, Conc, Det F3	8020037	259.000	Ft
1990	Curb and Gutter, Conc, Det F4	8020038	6,689.000	Ft
2000	Curb and Gutter, Conc, Det F6	8020040	4,258.000	Ft
2010	Driveway Opening, Conc, Det M	8020050	1,597.000	Ft
2020	Shoulder Gutter, Conc, Det 1	8020055	6.000	Ea
2030	Shoulder Gutter, Conc, Det 2	8020056	5.000	Ea
2040	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
2050	Valley Gutter, Conc	8020060	27,853.000	Ft
2060	Spillway, Conc	8020075	180.000	Ft
2070	_ Curb and Gutter, Conc, Det B1, Modified	8027001	1,107.000	Ft
2080	_ Curb and Gutter, Conc, Det F2, Modified	8027001	1,867.000	Ft
2090	_ Curb and Gutter, Conc, Det F4, Modified	8027001	415.000	Ft
2100	Detectable Warning Surface	8030010	312.000	Ft
2110	Curb Ramp Opening, Conc	8030030	307.000	Ft
2120	Sidewalk Ramp, Conc, 6 inch	8030036	3,683.000	Sft
2130	Sidewalk, Conc, 4 inch	8030044	41,454.000	Sft
2140	Sidewalk, Conc, 6 inch	8030046	4,632.000	Sft
2150	Conc Barrier, Double Face, Type A	8040005	3,670.000	Ft
2160	Conc Barrier, Split, Type A	8040010	253.000	Ft
2170	Glare Screen, Conc	8040015	13,650.000	Ft
2180	Glare Screen, Conc, Split	8040016	253.000	Ft
2190	Conc Barrier Backfill, CIP	8040030	26.000	Cyd
2200	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Foot	8047001	9,980.000	Ft
2210	_ Barrier Gate, Temp, Furn	8047050	3.000	Ea
2220	_ Barrier Gate, Temp, Open/Close	8047050	13.000	Ea
2230	_ Barrier Gate, Temp, Oper	8047050	3.000	Ea
2240	_ Barrier Gate, Temp, Relocated	8047050	3.000	Ea
2250	Guardrail, Type MGS-8	8070004	10,123.000	Ft
2260	Guardrail, Curved, Type B	8070010	63.000	Ft
2270	Guardrail Approach Terminal, Type 2M	8070044	11.000	Ea
2280	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
2290	Guardrail Departing Terminal, Type MGS	8070052	11.000	Ea
2300	Guardrail, Salv	8070075	540.000	Ft
2310	Guardrail Reflector	8070080	223.000	Ea
2320	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
2330	Guardrail Anch, Bridge, Det M4	8070133	12.000	Ea
2340	Fence, Temp	8080004	8,585.000	Ft
2350	Fence, Protective	8080007	400.000	Ft
2360	Fence, Chain Link, 48 inch	8080011	163.000	Ft
2370	Fence, Chain Link, 72 inch	8080013	9,374.000	Ft
2380	Field Office, Cl 2	8090002	24.000	Mo

2390	Band, Sign	8100010	2.000	Ea
2400	Bridge Sign Connection, Steel, Type F	8100065	2.000	Ea
2410	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
2420	Bridge Sign Connection, Type E, Rem	8100084	1.000	Ea
2430	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
2440	Cantilever, Rem	8100090	8.000	Ea
2450	Cantilever, Type E	8100104	6.000	Ea
2460	Column, Breakaway, W8 x 13	8100120	14.000	Ea
2470	Column, Breakaway, W8 x 18	8100121	2.000	Ea
2480	Delineator Reflector, Red	8100131	75.000	Ea
2490	Delineator Reflector, Yellow	8100132	10.000	Ea
2500	Delineator Reflector, Green	8100133	16.000	Ea
2510	Delineator Reflector, White	8100134	145.000	Ea
2520	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	20.000	Ea
2530	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	10.000	Ea
2540	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	4.000	Ea
2550	Fdn, Breakaway, W8 x 13	8100160	14.000	Ea
2560	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
2570	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	164.000	Ft
2580	Fdn, Cantilever, Rem	8100190	4.000	Ea
2590	Fdn, Column Breakaway, Rem	8100220	10.000	Ea
2600	Fdn, Entire, Cantilever, Rem	8100230	45.000	Cyd
2610	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	231.000	Ft
2620	Fdn, Truss, Rem	8100260	1.000	Ea
2630	Fdn, Wood Support, Rem	8100280	98.000	Ea
2640	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	21.000	Ea
2650	Post Hole Through Conc for Steel Post	8100340	11.000	Ea
2660	Delineator, Rem	8100349	237.000	Ea
2670	Post, Flexible, Delineator	8100360	24.000	Ea
2680	Post, Rigid, Delineator	8100361	171.000	Ea
2690	Post, Steel, 3 lb	8100371	3,278.000	Ft
2700	Post, Wood, 4 inch by 6 inch	8100380	1,064.000	Ft
2710	Post, Wood, 6 inch by 8 inch	8100382	432.000	Ft
2720	Sign, Type I, Erect, Salv	8100390	1.000	Ea
2730	Sign, Type I, Rem	8100391	25.000	Ea
2740	Sign, Type IA	8100392	2,722.000	Sft
2750	Sign, Type IB	8100393	302.000	Sft
2760	Sign, Type II, Erect, Salv	8100396	7.000	Ea
2770	Sign, Type II, Rem	8100397	62.000	Ea
2780	Sign, Type IIA	8100398	448.000	Sft
2790	Sign, Type IIB	8100399	146.000	Sft
2800	Sign, Type III, Erect, Salv	8100402	34.000	Ea

2810	Sign, Type III, Rem	8100403	331.000	Ea
2820	Sign, Type IIIA	8100404	459.000	Sft
2830	Sign, Type IIIB	8100405	674.000	Sft
2840	Sign, Type V, Rem	8100421	18.000	Ea
2850	Sign, Type VA	8100424	107.000	Sft
2860	Sign, Type VB	8100425	323.000	Sft
2870	Truss, Rem	8100440	1.000	Ea
2880	Truss, Type E, 75 foot	8100489	1.000	Ea
2890	Truss, Type E, 100 foot	8100494	2.000	Ea
2900	Mast Arm Pole, Cat I	8100510	4.000	Ea
2910	Mast Arm, 45 foot, Cat I	8100525	1.000	Ea
2920	Mast Arm, 50 foot, Cat I	8100526	3.000	Ea
2930	Mast Arm Pole Fdn, 6 Bolt	8100550	163.000	Ft
2940	Sign Connection, Wall Mount	8100601	2.000	Ea
2950	Reflective Panel for Permanent Sign Support, 3 foot	8100613	44.000	Ea
2960	Reflective Panel for Permanent Sign Support, 6 foot	8100616	7.000	Ea
2970	_ 3M Linear Delineation System, Conc Barrier, Side Mtd	8107001	28,940.000	Ft
2980	_ Post, Rem	8107050	1.000	Ea
2990	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	405.000	Ft
3000	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	270.000	Ft
3010	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	25.000	Ft
3020	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,090.000	Ft
3030	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	430.000	Ft
3040	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	7.000	Ea
3050	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
3060	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	8.000	Ea
3070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	34.000	Ea
3080	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	2.000	Ea
3090	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	27.000	Ea
3100	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	3.000	Ea
3110	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
3120	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	3.000	Ea
3130	Pavt Mrkg, Ovly Cold Plastic, Lt Roundabout Arrow Sym	8110085	1.000	Ea
3140	Pavt Mrkg, Ovly Cold Plastic, Thru & Lt Roundabout Arrow Sym	8110086	1.000	Ea
3150	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	6.000	Ea
3160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,635.000	Ft
3170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,455.000	Ft
3180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,850.000	Ft
3190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,635.000	Ft

3200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	12,455.000	Ft
3210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,850.000	Ft
3220	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	36,670.000	Ft
3230	Rem Curing Compound, for Longit Mrkg, 8 inch	8110309	2,126.000	Ft
3240	Rem Spec Mrkg	8110343	200.000	Sft
3250	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	6,040.000	Ft
3260	Recessing Pavt Mrkg, Longit	8110450	87,460.000	Ft
3270	Recessing Pavt Mrkg, Transv	8110451	2,004.000	Sft
3280	Recessing Pavt Mrkg, Guide Line	8110453	480.000	Ft
3290	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	46,485.000	Ft
3300	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	6,355.000	Ft
3310	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	30,330.000	Ft
3320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	480.000	Ft
3330	_ Pavt Mrkg, Preformed Thermoplastic, 12 inch, Crosswalk	8117001	860.000	Ft
3340	_ Pavt Mrkg, Preformed Thermoplastic, 24 inch, Stop Bar	8117001	145.000	Ft
3350	_ Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym, Bike	8117050	1.000	Ea
3360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
3370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
3380	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
3390	Pedestrian Type II Channelizer, Temp	8120027	400.000	Ft
3400	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	6.000	Ea
3410	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	6.000	Ea
3420	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	6.000	Ea
3430	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
3440	Conc Barrier Reflector Replacement	8120070	2,905.000	Ea
3450	Conc Barrier, Temp, Adj	8120080	19,200.000	Ft
3460	Conc Barrier, Temp, Furn	8120081	29,050.000	Ft
3470	Conc Barrier, Temp, Oper	8120082	29,050.000	Ft
3480	Conc Barrier, Temp, Relocated	8120083	27,679.000	Ft
3490	Delineator, Flexible, Temp, Furn	8120091	130.000	Ea
3500	Delineator, Flexible, Temp, Oper	8120092	130.000	Ea
3510	High Intensity Light, Type B, Furn	8120110	6.000	Ea
3520	High Intensity Light, Type B, Oper	8120111	6.000	Ea
3530	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
3540	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
3550	Ltg for Night Work	8120160	1.000	LSUM
3560	Minor Traf Devices	8120170	1.000	LSUM
3570	Mobile Attenuator	8120180	8.000	Ea
3580	Part Width Intersection Construction	8120190	2.000	Ea
3590	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	44,965.000	Ft

3600	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,213.000	Ft
3610	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	40,306.000	Ft
3620	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	2,550.000	Ft
3630	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	23.000	Ft
3640	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	4.000	Ea
3650	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	2.000	Ea
3660	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,800.000	Ft
3670	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,400.000	Ft
3680	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,880.000	Ft
3690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	11,300.000	Ft
3700	Plastic Drum, Fluorescent, Furn	8120252	896.000	Ea
3710	Plastic Drum, Fluorescent, Oper	8120253	896.000	Ea
3720	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	18.000	Ea
3730	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	6.000	Ea
3740	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	84.000	Ft
3750	Sign Cover	8120310	10.000	Ea
3760	Sign Cover, Type 1	8120320	5.000	Ea
3770	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	16.000	Ea
3780	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	16.000	Ea
3790	Sign, Type A, Temp, Prismatic, Furn	8120340	826.000	Sft
3800	Sign, Type A, Temp, Prismatic, Oper	8120341	826.000	Sft
3810	Sign, Type B, Temp, Prismatic, Furn	8120350	3,238.000	Sft
3820	Sign, Type B, Temp, Prismatic, Oper	8120351	3,238.000	Sft
3830	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	890.000	Sft
3840	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	890.000	Sft
3850	Traf Regulator Control	8120370	1.000	LSUM
3860	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	111,494.000	Ft
3870	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	79,626.000	Ft
3880	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	116,770.000	Ft
3890	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	28,562.000	Ft
3900	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	28,563.000	Ft
3910	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	23,174.000	Ft
3920	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Yellow, Temp	8122014	10,100.000	Ft
3930	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	15,996.000	Ft

3940	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, Yellow, Temp	8122018	2,044.000	Ft
3950	Speed Radar Trailer, Temp	8122028	2.000	Ea
3960	Temp Rumble Strips (Orange)	8122030	5,518.000	Ft
3970	_ Glare Screen, Special	8127001	14,501.000	Ft
3980	_ Pavt Mrkg, Type NR, Paint, 12 inch, Cross Hatching, White	8127001	601.000	Ft
3990	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8127001	601.000	Ft
4000	_ Driveway Maintenance	8127050	10.000	Ea
4010	_ Heavy Duty Wrecker	8127050	10.000	Ea
4020	_ Light Duty Wrecker	8127050	30.000	Ea
4030	_ Medium Duty Wrecker	8127050	77.000	Ea
4040	_ Pavt Mrkg, Wet Reflective, Type NR, Paint, Only	8127050	6.000	Ea
4050	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8127050	8.000	Ea
4060	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow	8127050	10.000	Ea
4070	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
4080	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
4090	Riprap, Heavy	8130005	152.000	Syd
4100	Riprap, Plain	8130010	1,460.000	Syd
4110	Ditch, Plain Cobble	8140005	1,143.000	Syd
4120	Site Preparation, Max $32,300.00	8150001	1.000	LSUM
4130	Watering and Cultivating, First Season, Min $15,700.00	8150002	1.000	LSUM
4140	Watering and Cultivating, Second Season, Min $19,400.00	8150003	1.000	LSUM
4150	Maackia amurensis, 1 1/2 inch	8152267	13.000	Ea
4160	Malus Sargenti, 1 1/2 inch	8152322	16.000	Ea
4170	Picea abies, 5 foot	8152741	24.000	Ea
4180	Picea omorika, 5 foot	8152787	26.000	Ea
4190	Pinus heldreichii, 5 foot	8152815	19.000	Ea
4200	Quercus shumardii, 2 inch	8153141	13.000	Ea
4210	_ Acer rubrum 'Armstrong', 2 inch	8157050	8.000	Ea
4220	_ Acer rubrum 'Frank Jr.', 2 inch	8157050	18.000	Ea
4230	_ Aesculus x carnea 'Briotti', 2 inch	8157050	11.000	Ea
4240	_ Crataegus crus-galli 'Inermis', 1 1/2 inch	8157050	18.000	Ea
4250	_ Diervilla lonicera 'Copper', #3 cont.	8157050	280.000	Ea
4260	_ Hemerocallis 'Going Bananas', #1 cont.	8157050	350.000	Ea
4270	_ Malus 'Purple Prince', 1 1/2 inch	8157050	25.000	Ea
4280	_ Nepeta x faassenii 'Walker's Low', #1 cont.	8157050	310.000	Ea
4290	_ Quercus robur x bicolor 'Long', 2 inch	8157050	6.000	Ea
4300	_ Ulmus 'Frontier', 2 inch	8157050	2.000	Ea
4310	_ Zelkova serrata 'Greenvase', 2 inch	8157050	15.000	Ea
4320	Mulch	8160025	2,000.000	Syd
4330	Mulch Blanket	8160027	2,000.000	Syd

4340	Seeding, Mixture TSM	8160041	253.000	Lb
4350	Sodding	8160055	12.000	Syd
4360	Slope Restoration, Type A	8160100	86,133.000	Syd
4370	Slope Restoration, Type B	8160101	19,198.000	Syd
4380	Slope Restoration, Type C	8160102	23,181.000	Syd
4390	Slope Restoration, Type D	8160103	250.000	Syd
4400	_ Bioretention Seeding	8167011	29,450.000	Syd
4410	_ Compacted Soil Restoration	8167011	15,717.000	Syd
4420	_ Turf Establishment, Performance	8167011	92,144.000	Syd
4430	Cable, Rem	8190016	2,165.000	Ft
4440	Conduit, DB, 1, 1 1/2 inch	8190027	515.000	Ft
4450	Conduit, DB, 1, 3 inch	8190029	105.000	Ft
4460	Conduit, DB, 2, 3 inch	8190032	555.000	Ft
4470	Conduit, DB, 2, 4 inch	8190033	35.000	Ft
4480	Conduit, DB, 3, 3 inch	8190035	275.000	Ft
4490	Conduit, DB, 4, 3 inch	8190038	45.000	Ft
4500	Conduit, Directional Bore, 2 inch	8190042	620.000	Ft
4510	Conduit, Fiberglass, 3 inch, Structure	8190099	1,015.000	Ft
4520	Conduit, Galv Steel, 3 inch, Structure	8190129	250.000	Ft
4530	Conduit, Rem	8190140	4,345.000	Ft
4540	Conduit, Schedule 80 PVC, 2 inch	8190157	9,750.000	Ft
4550	DB Cable, in Conduit, 600V, 1/C#6	8190211	36,345.000	Ft
4560	DB Cable, in Conduit, 600V, 1/C#10	8190213	5,400.000	Ft
4570	Elec Serv, Rem	8190225	1.000	Ea
4580	Cable, Equipment Grounding Wire, 1/C#6	8190236	12,685.000	Ft
4590	Cable, Equipment Grounding Wire, 1/C#10	8190238	3,700.000	Ft
4600	Hh, Heavy Duty Cover	8190246	51.000	Ea
4610	Hh, Polymer Conc	8190250	4.000	Ea
4620	Hh, Rem	8190254	15.000	Ea
4630	Hh, Round, 3 foot dia	8190259	18.000	Ea
4640	Hh, Round	8190260	17.000	Ea
4650	Hh, Type D	8190262	1.000	Ea
4660	Light Std Arm, 12 foot	8190268	60.000	Ea
4670	Light Std Fdn	8190279	61.000	Ea
4680	Light Std, Frangible Transformer Base	8190281	61.000	Ea
4690	Light Std Shaft, 30 foot or less	8190285	61.000	Ea
4700	Cable, Sec, 600V, 1, 3/C#6	8190399	90.000	Ft
4710	Wood Pole, Cl 4, 40 foot	8190473	16.000	Ea
4720	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
4730	Wood Pole, Rem	8190505	20.000	Ea
4740	Conduit, Directional Bore, 1, 3 inch	8190602	2,790.000	Ft
4750	Conduit, Directional Bore, 2, 3 inch	8190604	2,510.000	Ft
4760	Conduit, Directional Bore, 2, 4 inch	8190605	2,910.000	Ft
4770	Conduit, Directional Bore, 3, 3 inch	8190606	100.000	Ft
4780	_ Cable, P.J., 600V, 1, 7/C#16	8197001	420.000	Ft

4790	_ Conduit, DB, 1, 1 Inch	8197001	35.000	Ft
4800	_ Hh, Round, Electric	8197050	20.000	Ea
4810	_ Lighting Control Panel	8197050	1.000	Ea
4820	_ Luminaire, Roadway	8197050	60.000	Ea
4830	_ Underbridge Lighting, Install	8197050	6.000	Ea
4840	_ Elec Serv, Portage Road	8197060	6,000.000	Dlr
4850	Case Sign Panel	8200003	5.000	Ea
4860	Case Sign Panel, Rem	8200004	6.000	Ea
4870	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	11.000	Ea
4880	Case Sign, Rem	8200020	21.000	Ea
4890	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	29.000	Ea
4900	Controller and Cabinet, Rem	8200030	4.000	Ea
4910	Case Sign, Salv	8200039	3.000	Ea
4920	Controller Fdn, Base Mount	8200045	4.000	Ea
4930	Controller Fdn, Rem	8200046	1.000	Ea
4940	Digital Loop Detector	8200055	4.000	Ea
4950	Fdn, Rem	8200065	1.000	Ea
4960	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
4970	Pedestal, Alum	8200100	18.000	Ea
4980	Pedestal, Fdn	8200105	23.000	Ea
4990	Pedestal Fdn, Rem	8200106	2.000	Ea
5000	Pedestal, Rem	8200110	2.000	Ea
5010	Pedestal, Underground Serv, Metered	8200111	5.000	Ea
5020	Power Co. (Est. Cost to Contractor)	8200116	6,000.000	Dlr
5030	Pushbutton and Sign	8200121	16.000	Ea
5040	Pushbutton, Rem	8200122	4.000	Ea
5050	Serv Disconnect	8200135	2.000	Ea
5060	Serv Disconnect, Rem	8200136	5.000	Ea
5070	Span Wire	8200140	15.000	Ea
5080	Span Wire, Rem	8200141	30.000	Ea
5090	Steel Pole, Rem	8200145	1.000	Ea
5100	Steel Pole, Rem (Embedded)	8200146	5.000	Ea
5110	Guy, Rem	8200167	4.000	Ea
5120	Traf Loop	8200170	9.000	Ea
5130	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
5140	TS, Mast Arm Mtd, Rem	8200177	6.000	Ea
5150	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
5160	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
5170	TS, Span Wire Mtd, Rem	8200182	49.000	Ea
5180	Cabinet, Rem	8200184	2.000	Ea
5190	Cabinet, NEMA Type	8200186	6.000	Ea
5200	TS, One Way Span Wire Mtd, Salv	8200191	2.000	Ea
5210	TS, One Way Mast Arm Mtd, Salv	8200251	1.000	Ea
5220	TS, One Way Span Wire Mtd (LED)	8200313	27.000	Ea
5230	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea

5240	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
5250	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
5260	TS, One Way Pedestal Mtd (LED)	8200340	4.000	Ea
5270	TS, Two Way Pedestal Mtd (LED)	8200342	2.000	Ea
5280	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	17.000	Ea
5290	TS, One Way Mast Arm Mtd (LED)	8200359	27.000	Ea
5300	TS, Two Way Mast Arm Mtd (LED)	8200361	2.000	Ea
5310	Bracket, Truss, With 18 Foot Arm	8200378	3.000	Ea
5320	Bracket, Truss, Rem	8200388	1.000	Ea
5330	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
5340	Wireless Vehicle Sensor Node, Rem	8200426	24.000	Ea
5350	Case Sign, Four Way, 24 inch by 30 inch, Non-Illuminated	8200430	1.000	Ea
5360	Hemispherical Video Detection Camera	8200444	3.000	Ea
5370	Hemispherical Video Detection System	8200445	2.000	Ea
5380	TS Head, Adj	8200452	14.000	Ea
5390	TS Face, Bag	8200458	22.000	Ea
5400	TS Face, Bag, Rem	8200459	22.000	Ea
5410	Casing	8200480	136.000	Ft
5420	Cellular Modem, TS, 4G	8200498	1.000	Ea
5430	TS Uninterruptible Power System	8200500	1.000	Ea
5440	_ CCTV Camera, Install Salv	8207050	1.000	Ea
5450	_ CCTV Camera, Rem and Salv	8207050	2.000	Ea
5460	_ Controller, NEMA, ATC Type	8207050	5.000	Ea
5470	_ ITS Cabinet, Ground Mtd	8207050	1.000	Ea
5480	_ Mast Arm Pole, Cat I, 30 foot, Modified	8207050	5.000	Ea
5490	_ Mast Arm, 50 foot, Cat I, Modified	8207050	2.000	Ea
5500	_ Mast Arm, 65 foot, Cat I, Modified	8207050	1.000	Ea
5510	_ Monotube Arm, 131 foot, Cat I, Modified	8207050	1.000	Ea
5520	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	2.000	Ea
5530	_ TS, One Way Structure Mtd (LED)	8207050	15.000	Ea
5540	_ Wrong Way Warning System	8207050	1.000	Ea
5550	_ Sinusoidal Corrugations, Milled, Conc Shoulder	8227001	48,526.000	Ft
5560	Hydrant, Relocate, Case 1	8230095	1.000	Ea
5570	Hydrant, Relocate, Case 2	8230096	1.000	Ea
5580	Water Main, DI, 12 inch, Tr Det F	8230165	448.000	Ft
5590	Water Main, DI, 12 inch, Tr Det G	8230166	173.000	Ft
5600	Gate Box, Adj, Case 1	8230431	3.000	Ea
5610	_ Water Main Conflict, 10 inch	8237050	2.000	Ea
5620	_ Water Main Conflict, 12 inch	8237050	1.000	Ea
5630	Contractor Staking	8240001	1.000	LSUM
5640	Staking Plan Errors and Extras, One Person	8240020	591.000	Hr
5650	Staking Plan Errors and Extras, Two Person	8240021	236.000	Hr
5660	Staking Plan Errors and Extras, Three Person	8240022	353.000	Hr

5670	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
5680	Lightning Protection, Pole	8260021	3.000	Ea
5690	Microwave Vehicle Detection System	8260040	1.000	Ea
5700	Microwave Vehicle Detection System, Rem and Salv	8260041	1.000	Ea
5710	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	3,850.000	Ft
5720	Fiber Optic, Splice Cabinet	8260064	1.000	Ea
5730	Fiber Optic, Hardware Assembly, Small	8260065	4.000	Ea
5740	Fiber Optic, Marker, Above Ground	8260069	18.000	Ea
5750	Tracer Wire	8260070	5,185.000	Ft
5760	Fiber Optic, Pigtail	8260071	52.000	Ea
5770	Fiber Optic, Jumper	8260072	8.000	Ea
5780	Managed Field Ethernet Switch, Layer 2, Gigabit	8260081	1.000	Ea
5790	Managed Field Ethernet Switch, Rem and Salv	8260084	3.000	Ea
5800	Managed Field Ethernet Switch, Install Salv	8260085	1.000	Ea
5810	Power Serv, Underground, 30A, 120/240V	8260100	1.000	Ea
5820	Uninterruptible Power Supply, ITS Cabinet	8260140	1.000	Ea
5830	Uninterruptible Power Supply, Rem and Salv	8260143	2.000	Ea
5840	Flowable Fill, Spun Pole Fdn	8260149	2.000	Cyd
5850	Spun Conc Pole, Type A	8260152	1.000	Ea
5860	Drilled Shaft and Conc Skirt, Cased	8260155	1.000	Ea
5870	Surveillance System, Remote Site, Type A	8260157	1.000	Ea
5880	System Integration and Testing	8260160	1.000	LSUM
5890	_ Digital Video Encoder, Rem and Salv	8267050	1.000	Ea

Section: 2

5900	Structures, Rem (S03 of 39022)	2040060	1.000	LSUM
5910	Structures, Rem Portions (C01 of 39022)	2040061	1.000	LSUM
5920	Structures, Rem Portions (Noise Walls)	2040061	1.000	LSUM
5930	Structures, Rem Portions (R01 of 39022)	2040061	1.000	LSUM
5940	Structures, Rem Portions (R03 of 39022)	2040061	1.000	LSUM
5950	Structures, Rem Portions (R04 of 39022)	2040061	1.000	LSUM
5960	Structures, Rem Portions (S11 of 39022)	2040061	1.000	LSUM
5970	Backfill, Structure, CIP	2060002	54,720.000	Cyd
5980	Backfill, Select	2060004	72,577.000	Cyd
5990	Excavation, Fdn	2060010	143,840.000	Cyd
6000	Underdrain, Fdn, 4 inch	4040031	7,654.000	Ft
6010	Culv Bedding, Box Culv	4060005	250.000	Cyd
6020	_ Culv, Precast Conc Box,18 foot x 15 foot, Special	4067001	248.000	Ft
6030	Cofferdams, Left in Place (C01 of 39022)	7040009	1.000	LSUM
6040	_ Steel Sheet Piling, Permanent, Spec	7047010	11,700.000	Sft
6050	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	12,960.000	Sft
6060	_ Steel Sheet Piling, Temp, Special	7047010	5,200.000	Sft
6070	Pile Driving Equipment, Furn (R01 of 39022)	7050002	1.000	LSUM
6080	Pile Driving Equipment, Furn (R03 of 39022)	7050002	1.000	LSUM
6090	Pile Driving Equipment, Furn (R04 of 39022)	7050002	1.000	LSUM

6100	Pile Driving Equipment, Furn (S03 of 39022)	7050002	1.000	LSUM
6110	Pile Point, CIP Conc	7050025	88.000	Ea
6120	Pile, CIP Conc, Furn and Driven, 16 inch	7050026	9,265.000	Ft
6130	Pile, Steel, Furn and Driven, 14 inch	7050034	5,860.000	Ft
6140	Pile Point, Steel	7050039	68.000	Ea
6150	Pile, Steel, Splice	7050050	244.000	Ea
6160	_ Pile Protection, CIP Piles	7057001	2,094.000	Ft
6170	_ Test Pile, Dynamic Analysis	7057050	16.000	Ea
6180	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	16.000	Ea
6190	Bridge Ltg, Furn and Rem (R01 of 39022)	7060001	1.000	LSUM
6200	Bridge Ltg, Furn and Rem (R03 of 39022)	7060001	1.000	LSUM
6210	Bridge Ltg, Furn and Rem (R04 of 39022)	7060001	1.000	LSUM
6220	Bridge Ltg, Furn and Rem (S03 of 39022)	7060001	1.000	LSUM
6230	Bridge Ltg, Oper and Maintain	7060002	2,222.000	Cyd
6240	Conc, Grade T	7060013	964.000	Cyd
6250	Expansion Joint Device	7060050	812.000	Ft
6260	False Decking	7060060	83,281.000	Sft
6270	Reinforcement, Steel, Epoxy Coated	7060092	815,501.000	Lb
6280	Substructure Conc, High Performance	7060101	3,534.000	Cyd
6290	Superstructure Conc, Form, Finish, and Cure (R01 of 39022)	7060111	1.000	LSUM
6300	Superstructure Conc, Form, Finish, and Cure (R03 of 39022)	7060111	1.000	LSUM
6310	Superstructure Conc, Form, Finish, and Cure (R04 of 39022)	7060111	1.000	LSUM
6320	Superstructure Conc, Form, Finish, and Cure (S03 of 39022)	7060111	1.000	LSUM
6330	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01 of 39022)	7060112	1.000	LSUM
6340	Superstructure Conc, Form, Finish, and Cure, Night Casting (R03 of 39022)	7060112	1.000	LSUM
6350	Superstructure Conc, Form, Finish, and Cure, Night Casting (R04 of 39022)	7060112	1.000	LSUM
6360	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03 of 39022)	7060112	1.000	LSUM
6370	Superstructure Conc, High Performance	7060116	560.000	Cyd
6380	Superstructure Conc, Night Casting, High Performance	7060117	2,222.000	Cyd
6390	Wall Drain	7060130	126.000	Sft
6400	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	52,553.000	Sft
6410	Mechanically Stabilized Earth Wall, Precast, Install	7060201	52,553.000	Sft
6420	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	17,620.000	Sft
6430	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	17,620.000	Sft
6440	Mechanically Stabilized Earth Wall Coping, Precast	7060206	2,457.000	Ft
6450	Mechanically Stabilized Earth Wall Coping, CIP	7060207	36.000	Ft
6460	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	2,125.000	Ft
6470	Liner, PVC, 30 mil	7060209	9,803.000	Syd

6480	_ Texturing Conc	7067011	466.000	Syd
6490	Bearing, Elastomeric, 2 3/4 inch	7070019	23,976.000	Sin
6500	Shear Developers (S03 of 39022)	7070040	1.000	LSUM
6510	Structural Steel, Mixed, Erect	7070050	16,880.000	Lb
6520	Structural Steel, Mixed, Furn and Fab	7070051	16,880.000	Lb
6530	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	5,280.000	Lb
6540	Steel Diaphragm, Prest Conc Beam, Erect	7070054	5,280.000	Lb
6550	Structural Steel, Plate, Erect	7070060	2,518,495.000	Lb
6560	Structural Steel, Plate, Furn and Fab	7070061	2,518,495.000	Lb
6570	_ Complex Erection (S03 of 39022)	7077051	1.000	LSUM
6580	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	3,320.000	Ft
6590	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	3,320.000	Ft
6600	_ Noise Barrier Wall, Precast Conc, Erect	7087010	168,686.000	Sft
6610	_ Noise Barrier Wall, Precast Conc, Furn	7087010	168,686.000	Sft
6620	Joint Waterproofing	7100001	821.000	Sft
6630	Joint Waterproofing, Expansion	7100003	1,555.000	Sft
6640	Conc Surface Coating, Warranty (Noise Walls)	7100009	1.000	LSUM
6650	Conc Surface Coating, Warranty (R01 of 39022)	7100009	1.000	LSUM
6660	Conc Surface Coating, Warranty (R03 of 39022)	7100009	1.000	LSUM
6670	Conc Surface Coating, Warranty (R04 of 39022)	7100009	1.000	LSUM
6680	Conc Surface Coating, Warranty (S03 of 39022)	7100009	1.000	LSUM
6690	Reflective Marker, Permanent Barrier	7110003	64.000	Ea
6700	Bridge Barrier Railing, Type 6, High Performance	7110017	1,627.000	Ft
6710	_ Bridge Railing, Aesthetic, Type 6, Det 3, High Performance	7117001	523.000	Ft
6720	Reinforcement, Mechanical Splice	7120084	32.000	Ea
6730	Field Repair of Damaged Coating (S03 of 39022)	7160001	1.000	LSUM
6740	Drilled Shaft Equipment, Furnished (Noise Walls)	7180010	1.000	LSUM
6750	Drilled Shaft, 42 inch	7180042	7,410.000	Ft
6760	Temp Casing-Left in Place	7180121	7,410.000	Ft
6770	_ Monitoring Structure (R01 of 39022)	8007051	1.000	LSUM
6780	_ Monitoring Structure (R03 of 39022)	8007051	1.000	LSUM
6790	_ Monitoring Structure (R04 of 39022)	8007051	1.000	LSUM
6800	Flowable Fill, Non-Structural	8260148	705.000	Cyd
6810	_ Railroad Inspection and Flagging - Grand Elk	8507060	100,000.000	Dlr
6820	_ Railroad Inspection and Flagging - Grand Trunk Western	8507060	120,000.000	Dlr
6830	_ Railroad Protection - Grand Elk Railroad	8507060	10,000.000	Dlr
6840	_ Railroad Protection - Grand Trunk Western	8507060	11,200.000	Dlr

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 036 **Letting Date:** February 5, 2021 **Contract ID:** 37011-210883

Description: Traffic signal installation, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on US-127BR at Broomfield Road in the city of Mount Pleasant, Isabella County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210883A	21A0267	N/A	STG 37011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $28,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	111.000	Ft
0030	Sidewalk, Rem	2040055	73.000	Syd
0040	Exploratory Investigation, Vertical	2040080	200.000	Ft
0050	Excavation, Earth	2050016	2.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0080	Erosion Control, Silt Fence	2080036	100.000	Ft
0090	Subbase, CIP	3010002	12.000	Cyd
0100	Aggregate Base, 6 inch	3020016	12.000	Syd
0110	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0120	HMA Surface, Rem	5010005	10.000	Syd
0130	Hand Patching	5010025	10.000	Ton
0140	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0150	_ Roadside Unit, Intersection	8007050	1.000	Ea
0160	Curb and Gutter, Conc, Det F4	8020038	83.000	Ft
0170	Detectable Warning Surface	8030010	70.000	Ft
0180	Curb Ramp Opening, Conc	8030030	42.000	Ft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	644.000	Sft
0200	Sidewalk, Conc, 6 inch	8030046	84.000	Sft
0210	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	534.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	154.000	Ft
0230	Pedestrian Type II Barricade, Temp	8120026	6.000	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	4.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Mobile Attenuator	8120180	1.000	Ea
0300	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	534.000	Ft
0310	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	154.000	Ft
0320	Sign Cover	8120310	10.000	Ea
0330	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0340	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	1,514.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	1,514.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	_ Turf Establishment, Performance	8167011	50.000	Syd
0390	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0400	Cable Pole, TS, Disman	8190010	3.000	Ea
0410	Conduit, DB, 1, 1 1/2 inch	8190027	140.000	Ft
0420	Conduit, DB, 3, 3 inch	8190035	40.000	Ft
0430	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0440	Hh, Polymer Conc	8190250	2.000	Ea
0450	Hh, Rem	8190254	1.000	Ea
0460	Hh, Round, 3 foot dia	8190259	1.000	Ea
0470	Hh, Round	8190260	3.000	Ea
0480	Cable, Sec, 600V, 1, 3/C#6	8190399	30.000	Ft
0490	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	26.000	Ft
0500	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
0510	Case Sign, Rem	8200020	1.000	Ea
0520	Controller and Cabinet, Rem	8200030	1.000	Ea
0530	Controller Fdn, Base Mount	8200045	1.000	Ea
0540	Controller Fdn, Rem	8200046	1.000	Ea
0550	Global Positioning System Module	8200050	1.000	Ea
0560	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0570	Pedestal, Alum	8200100	8.000	Ea
0580	Pedestal, Fdn	8200105	8.000	Ea
0590	Pushbutton, Rem	8200122	4.000	Ea
0600	Serv Disconnect	8200135	1.000	Ea
0610	Serv Disconnect, Rem	8200136	1.000	Ea
0620	Span Wire	8200140	4.000	Ea
0630	Span Wire, Rem	8200141	2.000	Ea
0640	Steel Pole, Rem	8200145	1.000	Ea
0650	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0660	TS, Span Wire Mtd, Rem	8200182	5.000	Ea
0670	Cabinet, NEMA Type	8200186	1.000	Ea
0680	Pedestrian Signal System, Accessible	8200240	8.000	Ea
0690	TS, One Way Span Wire Mtd (LED)	8200313	7.000	Ea
0700	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0710	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
0720	TS, Pedestrian, One Way Pedestal Mtd (LED)	8200345	8.000	Ea

	Countdown			
0730	TS, Antenna, Rem	8200368	1.000	Ea
0740	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0750	Video Traf Detection Camera, Rem	8200384	4.000	Ea
0760	Bracket, Truss, Rem	8200388	2.000	Ea
0770	Hemispherical Video Detection Camera	8200444	1.000	Ea
0780	Hemispherical Video Detection System	8200445	1.000	Ea
0790	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0800	Strain Pole Fdn, 6 Bolt	8200470	62.000	Ft
0810	Casing	8200480	48.000	Ft
0820	Cellular Modem, TS, 4G	8200498	1.000	Ea
0830	Backplate, TS	8200501	6.000	Ea
0840	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0850	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0860	Lightning Protection, Pole	8260021	1.000	Ea

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 037 **Letting Date:** February 5, 2021 **Contract ID:** 41131-202054

Description: 39.41 mi of freeway signing upgrades, median concrete wall replacement, guardrail and install delineators along US-131 from west of 100th Street to east of 22 Mile Road, Kent and Montcalm Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202054A	21A0253	N/A	NHG 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $634,000.00	1500001	1.000	LSUM
0020	Conc Barrier, Rem	2040010	595.000	Ft
0030	Curb and Gutter, Rem	2040020	1,080.000	Ft
0040	Guardrail, Rem	2040035	494.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	100.000	Cyd
0060	Pavt, Rem	2040050	1,150.000	Syd
0070	Exploratory Investigation, Vertical	2040080	200.000	Ft
0080	Excavation, Earth	2050016	242.000	Cyd
0090	Backfill, Structure, CIP	2060002	37.000	Cyd
0100	Excavation, Fdn	2060010	51.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0120	Subbase, CIP	3010002	8.000	Cyd
0130	Aggregate Base	3020001	11.000	Ton
0140	Aggregate Base, 6 inch	3020016	1,255.000	Syd
0150	Open-Graded Dr Cse, 4 inch	3030004	24.000	Syd
0160	Shoulder, Cl II	3070121	50.000	Ton
0170	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0180	Dr Structure Cover, Type VG	4030090	3.000	Ea
0190	Underdrain, Fdn, 4 inch	4040031	17.000	Ft
0200	Conc, Grade P2	6020031	2.000	Cyd
0210	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	525.000	Syd
0220	Joint, Expansion, E3	6020208	25.000	Ft
0230	Joint, Expansion, E4	6020209	24.000	Ft
0240	Conc Pavt, Nonreinf, 12 inch, High Performance	6020508	32.000	Syd
0250	Joint, Contraction, Crg	6030020	12.000	Ft
0260	Joint, Tied, Trg	6030023	46.000	Ft
0270	Lane Tie, Epoxy Anchored	6030030	1,080.000	Ea

0280	Steel Sheet Piling, Temp	7040002	2,000.000	Sft
0290	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	27.000	Syd
0300	Reinforcement, Steel, Epoxy Coated	7060092	5,011.000	Lb
0310	Superstructure Conc, Form, Finish, and Cure (G087-T)	7060111	1.000	LSUM
0320	Superstructure Conc, High Performance	7060116	41.000	Cyd
0330	Structural Steel, Mixed, Erect	7070050	41,180.000	Lb
0340	Structural Steel, Mixed, Furn and Fab	7070051	41,180.000	Lb
0350	Joint Waterproofing	7100001	95.000	Sft
0360	Conc Surface Coating	7100011	65.000	Syd
0370	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	72.000	Ea
0380	Structures, Rehabilitation, Rem Portions (G045-T)	7120070	1.000	LSUM
0390	Structures, Rehabilitation, Rem Portions (G055-T)	7120070	1.000	LSUM
0400	Structures, Rehabilitation, Rem Portions (G056-T)	7120070	1.000	LSUM
0410	Structures, Rehabilitation, Rem Portions (G057-T)	7120070	1.000	LSUM
0420	Structures, Rehabilitation, Rem Portions (G087-T)	7120070	1.000	LSUM
0430	Structures, Rehabilitation, Rem Portions (G109-C)	7120070	1.000	LSUM
0440	Reinforcement, Mechanical Splice	7120084	21.000	Ea
0450	_ Adhesive Anchoring of Horizontal Bar, 3/8 inch, Spec	7127050	26.000	Ea
0460	_ Adhesive Anchoring of Horizontal Bar, 5/8 inch, Spec	7127050	38.000	Ea
0470	Beam Plate, Seal Perimeter	7130010	840.000	Ft
0480	Steel Structure, Cleaning, Partial, Type 4 (G056-T)	7150047	1.000	LSUM
0490	Steel Structure, Cleaning, Partial, Type 4 (G057-T)	7150047	1.000	LSUM
0500	Steel Structure, Cleaning, Partial, Type 4 (G109-C)	7150047	1.000	LSUM
0510	Steel Structure, Coating, Partial, Type 4 (G056-T)	7150048	1.000	LSUM
0520	Steel Structure, Coating, Partial, Type 4 (G057-T)	7150048	1.000	LSUM
0530	Steel Structure, Coating, Partial, Type 4 (G109-C)	7150048	1.000	LSUM
0540	Field Repair of Damaged Coating (G056-T)	7160001	1.000	LSUM
0550	Field Repair of Damaged Coating (G057-T)	7160001	1.000	LSUM
0560	Field Repair of Damaged Coating (G109-C)	7160001	1.000	LSUM
0570	_ Wrong Way System, Install Salv	8007050	1.000	Ea
0580	_ Wrong Way System, Rem and Salv	8007050	1.000	Ea
0590	Valley Gutter, Conc	8020060	810.000	Ft
0600	_ Valley Gutter, Conc, Modified	8027001	270.000	Ft
0610	Sidewalk, Conc, 4 inch	8030044	960.000	Sft
0620	Conc Barrier, Double Face, Type A	8040005	135.000	Ft
0630	Conc Barrier, Split, Type A	8040010	460.000	Ft
0640	Glare Screen, Conc	8040015	135.000	Ft
0650	Glare Screen, Conc, Split	8040016	432.000	Ft
0660	Conc Barrier Backfill, CIP	8040030	160.000	Cyd
0670	Guardrail, Type T	8070002	326.000	Ft
0680	Guardrail, Type MGS-8	8070004	376.000	Ft
0690	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0700	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
0710	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea

0720	Guardrail Reflector	8070080	19.000	Ea
0730	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0740	Band, Sign	8100010	123.000	Ea
0750	Bridge Sign Connection, Bolt Replacement	8100020	20.000	Ea
0760	Bridge Sign Connection, Conc, Type A1	8100031	37.000	Ea
0770	Bridge Sign Connection, Steel, Type A1	8100060	2.000	Ea
0780	Bridge Sign Connection, Steel, Type F	8100065	7.000	Ea
0790	Bridge Sign Connection, Steel, Type H	8100067	1.000	Ea
0800	Bridge Sign Connection, Steel, Type I	8100068	2.000	Ea
0810	Bridge Sign Connection, Type A, Rem	8100080	36.000	Ea
0820	Bridge Sign Connection, Type C, Rem	8100082	6.000	Ea
0830	Bridge Sign Connection, Type E, Rem	8100084	2.000	Ea
0840	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
0850	Cantilever, Rem	8100090	4.000	Ea
0860	Cantilever, Type E	8100104	7.000	Ea
0870	Column, Breakaway, W8 x 13	8100120	68.000	Ea
0880	Column, Breakaway, W8 x 18	8100121	26.000	Ea
0890	Delineator Reflector, Red	8100131	1,091.000	Ea
0900	Delineator Reflector, Yellow	8100132	631.000	Ea
0910	Delineator Reflector, Green	8100133	359.000	Ea
0920	Delineator Reflector, White	8100134	2,799.000	Ea
0930	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	227.000	Ea
0940	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	137.000	Ea
0950	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	797.000	Ea
0960	Fdn, Breakaway, W8 x 13	8100160	68.000	Ea
0970	Fdn, Breakaway, W8 x 18	8100161	26.000	Ea
0980	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	79.000	Ft
0990	Fdn, Column Breakaway, Rem	8100220	100.000	Ea
1000	Fdn, Entire, Cantilever, Rem	8100230	38.000	Cyd
1010	Fdn, Entire, Truss, Rem	8100240	128.000	Cyd
1020	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	549.000	Ft
1030	Fdn, Wood Support, Rem	8100280	597.000	Ea
1040	Glare Screen Connection, Conc, Perforated Steel Square Tube	8100291	71.000	Ea
1050	Installing MDOT Supplied Sign, Type III	8100302	81.000	Ea
1060	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	78.000	Ea
1070	Perforated Steel Square Tube Breakaway System	8100330	118.000	Ea
1080	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	41.000	Ea
1090	Post Hole Through Conc for Steel Post	8100340	18.000	Ea
1100	Post Hole Through Conc for Wood Post	8100341	12.000	Ea
1110	Delineator, Rem	8100349	4,781.000	Ea
1120	Post, Flexible, Delineator	8100360	934.000	Ea

1130	Post, Rigid, Delineator	8100361	3,851.000	Ea
1140	Post, Steel, 3 lb	8100371	21,530.000	Ft
1150	Post, Wood, 4 inch by 6 inch	8100380	6,234.000	Ft
1160	Post, Wood, 6 inch by 8 inch	8100382	4,060.000	Ft
1170	Sign, Type I, Rem	8100391	261.000	Ea
1180	Sign, Type IA	8100392	26,877.000	Sft
1190	Sign, Type IB	8100393	2,798.000	Sft
1200	Sign, Type II, Rem	8100397	472.000	Ea
1210	Sign, Type IIA	8100398	5,000.000	Sft
1220	Sign, Type IIB	8100399	2,546.000	Sft
1230	Sign, Type III, Erect, Salv	8100402	16.000	Ea
1240	Sign, Type III, Rem	8100403	1,671.000	Ea
1250	Sign, Type IIIA	8100404	3,205.000	Sft
1260	Sign, Type IIIB	8100405	5,411.000	Sft
1270	Sign, Type IVA	8100410	61.000	Sft
1280	Sign, Type IVB	8100411	8.000	Sft
1290	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1300	Sign, Type V, Rem	8100421	1.000	Ea
1310	Sign, Type VA	8100424	809.000	Sft
1320	Sign, Type VB	8100425	2,140.000	Sft
1330	Truss, Rem	8100440	10.000	Ea
1340	Truss, Type C, 60 foot	8100454	1.000	Ea
1350	Truss, Type C, 75 foot	8100460	3.000	Ea
1360	Truss, Type C, 90 foot	8100466	1.000	Ea
1370	Truss, Type E, 80 foot	8100490	2.000	Ea
1380	Truss, Type E, 85 foot	8100491	2.000	Ea
1390	Truss, Type E, 95 foot	8100493	1.000	Ea
1400	Truss, Type E, 115 foot	8100497	1.000	Ea
1410	Reflective Panel for Permanent Sign Support, 3 foot	8100613	382.000	Ea
1420	Reflective Panel for Permanent Sign Support, 6 foot	8100616	211.000	Ea
1430	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White	8110481	25,124.000	Ft
1440	Barricade, Type III, High Intensity, Lighted, Furn	8120022	35.000	Ea
1450	Barricade, Type III, High Intensity, Lighted, Oper	8120023	35.000	Ea
1460	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	5.000	Ea
1470	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	5.000	Ea
1480	Conc Barrier, Temp, Furn	8120081	2,500.000	Ft
1490	Conc Barrier, Temp, Oper	8120082	2,500.000	Ft
1500	Conc Barrier, Temp, Relocated	8120083	1,500.000	Ft
1510	High Intensity Light, Type B, Furn	8120110	5.000	Ea
1520	High Intensity Light, Type B, Oper	8120111	5.000	Ea
1530	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1540	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1550	Ltg for Night Work	8120160	1.000	LSUM
1560	Minor Traf Devices	8120170	1.000	LSUM
1570	Mobile Attenuator	8120180	4.000	Ea

1580	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	35,676.000	Ft
1590	Plastic Drum, Fluorescent, Furn	8120252	292.000	Ea
1600	Plastic Drum, Fluorescent, Oper	8120253	292.000	Ea
1610	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1620	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1630	Sign, Type B, Temp, Prismatic, Furn	8120350	1,276.000	Sft
1640	Sign, Type B, Temp, Prismatic, Oper	8120351	1,276.000	Sft
1650	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	70.000	Sft
1660	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	70.000	Sft
1670	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	22,042.000	Ft
1680	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	23,642.000	Ft
1690	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	14.000	Ea
1700	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	14.000	Ea
1710	Slope Restoration, Type B	8160101	5,000.000	Syd
1720	Conduit, Rem	8190140	540.000	Ft
1730	Conduit, Schedule 40, 2 inch	8190147	36.000	Ft
1740	Conduit, Schedule 80 PVC, 3 inch	8190159	540.000	Ft
1750	DB Cable, in Conduit, 600V, 1/C#6	8190211	1,080.000	Ft
1760	Cable, Equipment Grounding Wire, 1/C#6	8190236	540.000	Ft
1770	Contractor Staking, Road Only	8240007	1.000	LSUM
1780	Staking Plan Errors and Extras, One Person	8240020	55.000	Hr
1790	Staking Plan Errors and Extras, Two Person	8240021	22.000	Hr
1800	Staking Plan Errors and Extras, Three Person	8240022	33.000	Hr

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 038 **Letting Date:** February 5, 2021 **Contract ID:** 14000-202438

Description: Bridge removal and replacement with rolled steel beams and approach work on O'Keefe Road over Dowagiac Creek, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202438A	21A0157	N/A	BRT 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	6.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	85.000	Ft
0070	Guardrail, Rem	2040035	125.000	Ft
0080	Pavt, Rem	2040050	38.000	Syd
0090	Embankment, CIP	2050010	100.000	Cyd
0100	Excavation, Earth	2050016	2,100.000	Cyd
0110	Erosion Control, Filter Bag	2080014	4.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0130	Erosion Control, Silt Fence	2080036	2,480.000	Ft
0140	Erosion Control, Turbidity Curtain, Shallow	2080044	170.000	Ft
0150	Subbase, CIP	3010002	1,600.000	Cyd
0160	Aggregate Base, 6 inch	3020016	4,150.000	Syd
0170	Approach, Cl II, 4 inch	3070026	119.000	Syd
0180	Shoulder, Cl II, 4 inch	3070126	540.000	Syd
0190	Sewer, Cl II, 12 inch, Tr Det B	4020748	85.000	Ft
0200	Dr Structure Cover, Type B	4030010	1.000	Ea
0210	Dr Structure Cover, Type E	4030035	1.000	Ea
0220	Dr Structure, 48 inch dia	4030210	2.000	Ea
0230	HMA Surface, Rem	5010005	4,212.000	Syd
0240	HMA, 3E3	5010045	520.000	Ton
0250	HMA, 4E3	5010051	350.000	Ton
0260	HMA, 5E3	5010057	350.000	Ton
0270	HMA Approach	5010061	290.000	Ton
0280	Conc Pavt, Nonreinf, 6 inch	6020100	28.000	Syd

0290	Conc, Grade S2	7060011	1.000	Cyd
0300	Reinforcement, Steel, Culv and Headwall	7060091	34.000	Lb
0310	Guardrail, Type MGS-8	8070004	94.000	Ft
0320	Guardrail, Curved, Type B	8070010	75.000	Ft
0330	Guardrail Anch, Bridge, Det T3	8070024	2.000	Ea
0340	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0350	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0360	Guardrail Reflector	8070080	19.000	Ea
0370	Post, Mailbox	8070095	2.000	Ea
0380	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0390	Post, Steel, 3 lb	8100371	180.000	Ft
0400	Sign, Type III, Rem	8100403	18.000	Ea
0410	Sign, Type IIIA	8100404	43.000	Sft
0420	Sign, Type IIIB	8100405	42.000	Sft
0430	Sign, Type VB	8100425	8.000	Sft
0440	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	61.000	Ft
0460	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,700.000	Ft
0470	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,200.000	Ft
0480	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	148.000	Ft
0490	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	148.000	Ft
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	35.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	35.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	888.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	888.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	194.000	Sft
0560	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	194.000	Sft
0570	Riprap, Plain	8130010	10.000	Syd
0580	Slope Restoration, Type C	8160102	3,370.000	Syd
0590	Contractor Staking	8240001	1.000	LSUM
0600	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0610	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0620	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr

Section: 2

0630	Structures, Rem (Structure No. 1447)	2040060	1.000	LSUM
0640	Backfill, Structure, CIP	2060002	405.000	Cyd
0650	Excavation, Fdn	2060010	1,255.000	Cyd
0660	Aggregate Base	3020001	263.000	Ton
0670	Underdrain, Fdn, 4 inch	4040031	170.000	Ft
0680	Underdrain Outlet, 4 inch	4040091	25.000	Ft
0690	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea

0700	Joint, Expansion, E3	6020208	30.000	Ft
0710	Conc Pavt, Bridge Approach, Reinf	6020600	60.000	Syd
0720	Cofferdams (Structure No. 1447)	7040007	1.000	LSUM
0730	Cofferdams, Left in Place (Structure No. 1447)	7040009	1.000	LSUM
0740	Pile Driving Equipment, Furn (Structure No. 1447)	7050002	1.000	LSUM
0750	Pile, Steel, Furn and Driven, 14 inch	7050034	1,900.000	Ft
0760	Test Pile, Steel, 14 inch	7050035	4.000	Ea
0770	Pile Point, Steel	7050039	38.000	Ea
0780	Pile, Steel, Splice	7050050	38.000	Ea
0790	Bridge Ltg, Furn and Rem (Structure No. 1447)	7060001	1.000	LSUM
0800	Bridge Ltg, Oper and Maintain	7060002	68.000	Cyd
0810	Conc, Grade T	7060013	99.000	Cyd
0820	Expansion Joint Device	7060050	32.000	Ft
0830	False Decking	7060060	2,493.000	Sft
0840	Reinforcement, Steel, Epoxy Coated	7060092	37,131.000	Lb
0850	Substructure Conc	7060100	195.000	Cyd
0860	Superstructure Conc	7060110	10.000	Cyd
0870	Superstructure Conc, Form, Finish, and Cure (Structure No. 1447)	7060111	1.000	LSUM
0880	Superstructure Conc, Form, Finish, and Cure, Night Casting (Structure No. 1447)	7060112	1.000	LSUM
0890	Superstructure Conc, Night Casting	7060113	68.000	Cyd
0900	Bearing, Elastomeric, 2 1/2 inch	7070018	1,050.000	Sin
0910	Bearing, Elastomeric, 3 inch	7070020	1,050.000	Sin
0920	Shear Developers (Structure No. 1447)	7070040	1.000	LSUM
0930	Structural Steel, Rolled Shape, Erect	7070070	33,600.000	Lb
0940	Structural Steel, Rolled Shape, Furn and Fab	7070071	33,600.000	Lb
0950	Joint Waterproofing	7100001	313.000	Sft
0960	Joint Waterproofing, Expansion	7100003	9.000	Sft
0970	Bridge Railing, 2 Tube	7110008	87.000	Ft
0980	Curb and Gutter, Bridge Approach	8020010	53.000	Ft
0990	Riprap, Heavy	8130005	115.000	Syd

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 039 **Letting Date:** February 5, 2021 **Contract ID:** 24000-210382

Description: Horizontal curve and stop sign removal and replacement on various routes, Emmet County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210382A	21A0078	N/A	HSIP 24000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $20,300.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	7,728.000	Ft
0030	Sign, Type IIIA	8100404	684.000	Sft
0040	Sign, Type IIIB	8100405	2,438.000	Sft
0050	Reflective Panel for Permanent Sign Support, 3 foot	8100613	228.000	Ea
0060	Reflective Panel for Permanent Sign Support, 6 foot	8100616	496.000	Ea
0070	_ Sign, Type III, Rem, Modified	8107050	209.000	Ea
0080	_ Minor Traf Devices, Modified	8127051	1.000	LSUM
0090	Flsh Beacon, Solar Power	8200071	8.000	Ea

1/8/2021 10:03 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 040 **Letting Date:** February 5, 2021 **Contract ID:** 22000-210341

Description: 7.86 mi of guardrail upgrades on County Road 426 (Bass Lake Road) from the Iron Mountain north city limits to the north Breitung township line, Dickinson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210341A	21A0033	N/A	HRRR 22000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $24,600.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	7,440.000	Ft
0030	Guardrail, Type MGS-8	8070004	6,850.000	Ft
0040	Guardrail, Curved, Type MGS-8	8070012	37.000	Ft
0050	Guardrail Approach Terminal, Type 2M	8070044	29.000	Ea
0060	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0070	Guardrail Reflector	8070080	508.000	Ea
0080	_ Guardrail Anch Bridge, Det T5, Modified	8077050	4.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 040 **Letting Date:** February 5, 2021 **Contract ID:** 22000-210341

Description: 7.86 mi of guardrail upgrades on County Road 426 (Bass Lake Road) from the Iron Mountain north city limits to the north Breitung township line, Dickinson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210341A	21A0033	N/A	HRRR 22000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $24,600.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	7,440.000	Ft
0030	Guardrail, Type MGS-8	8070004	6,850.000	Ft
0040	Guardrail, Curved, Type MGS-8	8070012	37.000	Ft
0050	Guardrail Approach Terminal, Type 2M	8070044	29.000	Ea
0060	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0070	Guardrail Reflector	8070080	508.000	Ea
0080	_ Guardrail Anch Bridge, Det T5, Modified	8077050	4.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 041 **Letting Date:** February 5, 2021 **Contract ID:** 81000-205593

Description: 2.25 mi of hot mix asphalt cold milling and resurfacing, guardrail, paved and gravel shoulder and pavement markings on Ford Road from Plymouth-Ann Arbor Road to M-153 and on Bemis Road from Platt Road to Carpenter Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205593A	21A0171	N/A	STU 81000
205604A	21A0175	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $141,900.00	1500001	1.000	LSUM
0020	Culv, Rem, 24 inch to 48 inch	2030002	8.000	Ea
0030	Guardrail, Rem	2040035	1,550.000	Ft
0040	_ Guardrail, Rem, Rails and Bridge Posts	2047001	100.000	Ft
0050	Machine Grading	2050030	34.000	Sta
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0070	Erosion Control, Silt Fence	2080036	15,000.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0090	HMA Base Crushing and Shaping	3050002	16,326.000	Syd
0100	Maintenance Gravel	3060020	40.000	Ton
0110	_ Trenching, Modified	3077002	139.000	Sta
0120	_ Shoulder, CL II, 3.5 inch, Modified	3077011	4,666.000	Syd
0130	_ Shoulder, CL II, 4 inch, Modified	3077011	2,947.000	Syd
0140	Culv, Cl A, CSP, 24 inch	4010202	326.000	Ft
0150	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0160	Dr Structure, Cleaning	4030290	1.000	Ea
0170	_ Utility Structure Adj, Case 1	4037050	3.000	Ea
0180	Cold Milling HMA Surface	5010002	20,879.000	Syd
0190	HMA, 4E1	5010050	4,796.000	Ton
0200	HMA, 5E1	5010056	4,091.000	Ton
0210	HMA Approach	5010061	351.000	Ton
0220	_ Void Reducing Asphalt Membrane	5017001	13,019.000	Ft
0230	_ HMA Surface, Rem, Modified	5017011	667.000	Syd
0240	Membrane, Preformed Waterproofing	7100008	6,000.000	Sft
0250	Guardrail, Type B	8070000	175.000	Ft
0260	Guardrail, Type MGS-8	8070004	822.000	Ft

0270	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0280	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0290	Guardrail Reflector	8070080	62.000	Ea
0300	Post, Mailbox	8070095	35.000	Ea
0310	_ Guardrail, Type MGS-8, 8 Ft Posts, Modified	8077001	304.000	Ft
0320	_ Guardrail, Thrie Beam Backed, Detail B	8077050	2.000	Ea
0330	Perforated Steel Square Tube Breakaway System	8100330	1.000	Ea
0340	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	30.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, White	8110231	23,584.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,067.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	23,584.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,067.000	Ft
0390	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0400	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	36.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	36.000	Ea
0430	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0440	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,965.000	Ft
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0500	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	481.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	481.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	144.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	144.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	_ Turf Establishment, Performance	8167011	1,889.000	Syd
0570	Wireless Vehicle Detection System	8200422	1.000	Ea
0580	Wireless Vehicle Sensor Node	8200425	6.000	Ea
0590	_ Wireless Repeater, Flex	8207050	1.000	Ea
0600	Monument Box Adjust	8210005	4.000	Ea
0610	_ Monument Box, Modified	8217050	2.000	Ea

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 042 **Letting Date:** February 5, 2021 **Contract ID:** 23000-208362

Description: 0.26 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk ramp, sanitary, water main and pavement markings on Harris Street from Cochran Road (M-50) to Lansing Road in the city of Charlotte, Eaton County. This is a local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208362A	21A0203	N/A	STUL 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $138,400.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	22.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	1,433.000	Ft
0040	_ Pavt, Rem, Modified	2047011	8,419.000	Syd
0050	_ Sidewalk, Rem, Modified	2047011	626.000	Syd
0060	Excavation, Earth	2050016	70.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0080	_ Machine Grading, Modified	2057002	17.000	Sta
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0100	Subbase, CIP	3010002	2,606.000	Cyd
0110	Aggregate Base, 6 inch	3020016	414.000	Syd
0120	_ Aggregate Base, 8 inch, Modified	3027011	7,334.000	Syd
0130	Aggregate Surface Cse, 6 inch	3060010	17.000	Syd
0140	_ Maintenance Gravel, LM, Modified	3067021	65.000	Cyd
0150	Sewer, Cl E, 12 inch, Tr Det B	4020600	444.000	Ft
0160	Sewer, Cl E, 15 inch, Tr Det B	4020601	164.000	Ft
0170	Sewer, Cl E, 18 inch, Tr Det B	4020602	59.000	Ft
0180	Sewer, Cl E, 24 inch, Tr Det B	4020603	342.000	Ft
0190	Sewer Tap, 6 inch	4021201	2.000	Ea
0200	Sewer Tap, 10 inch	4021203	4.000	Ea
0210	Sewer Tap, 12 inch	4021204	3.000	Ea
0220	Sewer Tap, 15 inch	4021205	1.000	Ea
0230	Sewer Tap, 18 inch	4021206	2.000	Ea
0240	Sewer Bulkhead, 36 inch	4021237	1.000	Ea
0250	_ Sewer, Cl E, 10 inch, Tr Det B, Modified	4027001	25.000	Ft
0260	_ Sewer, Cl E, 30 inch, Tr Det B, Premium	4027001	301.000	Ft
0270	_ Sewer, Cl E, 36 inch, Tr Det B, Premium	4027001	71.000	Ft

0280	Dr Structure Cover, Type B	4030010	10.000	Ea
0290	Dr Structure Cover, Type K	4030050	10.000	Ea
0300	Dr Structure Cover, Type Q	4030065	6.000	Ea
0310	Dr Structure, 48 inch dia	4030210	16.000	Ea
0320	Dr Structure, 60 inch dia	4030220	3.000	Ea
0330	Dr Structure, 72 inch dia	4030230	1.000	Ea
0340	Dr Structure, 84 inch dia	4030231	1.000	Ea
0350	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	4.000	Ft
0360	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	29.000	Ft
0370	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	15.000	Ft
0380	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	7.000	Ft
0390	Dr Structure, Tap, 6 inch	4030306	8.000	Ea
0400	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0410	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	2,821.000	Ft
0420	HMA, 13A	5010033	1,803.000	Ton
0430	HMA, 3E1	5010044	68.000	Ton
0440	HMA, 5E1, High Stress	5010514	46.000	Ton
0450	Conc Base Cse, Nonreinf, 8 inch	6020019	384.000	Syd
0460	Driveway, Nonreinf Conc, 6 inch	8010005	519.000	Syd
0470	Driveway, Nonreinf Conc, 8 inch	8010007	173.000	Syd
0480	Curb and Gutter, Conc, Det F4	8020038	2,613.000	Ft
0490	Driveway Opening, Conc, Det M	8020050	258.000	Ft
0500	_ Curb and Gutter, Conc, Det F4, Modified	8027001	82.000	Ft
0510	Detectable Warning Surface	8030010	136.000	Ft
0520	Curb Ramp Opening, Conc	8030030	177.000	Ft
0530	Sidewalk Ramp, Conc, 4 inch	8030034	173.000	Sft
0540	Sidewalk Ramp, Conc, 6 inch	8030036	2,012.000	Sft
0550	Sidewalk, Conc, 4 inch	8030044	3,267.000	Sft
0560	Sidewalk, Conc, 6 inch	8030046	716.000	Sft
0570	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0580	Post, Steel, 3 lb	8100371	401.000	Ft
0590	Sign, Type I, Rem	8100391	23.000	Ea
0600	Sign, Type IIIA	8100404	105.000	Sft
0610	Sign, Type IIIB	8100405	59.000	Sft
0620	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	210.000	Ft
0630	_ Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8117001	345.000	Ft
0640	_ Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, Crosswalk, Modified	8117001	783.000	Ft
0650	_ Pavt Mrkg, Regular Dry, 4 inch, Yellow	8117001	345.000	Ft
0660	_ Pavt Mrkg, Regular Dry, 6 inch, Crosswalk, Modified	8117001	783.000	Ft
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea

0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	42.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0710	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	605.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	605.000	Sft
0740	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	456.000	Sft
0750	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	456.000	Sft
0760	Traf Regulator Control	8120370	1.000	LSUM
0770	Malus Prairie Fire, 2 inch	8152315	2.000	Ea
0780	Malus Sugar Tyme, 2 inch	8152336	1.000	Ea
0790	_ Turf Establishment, Performance	8167011	1,500.000	Syd
0800	Water Main, 4 inch, Cut and Plug	8230130	2.000	Ea
0810	Water Main, 6 inch, Cut and Plug	8230131	4.000	Ea
0820	_ 1 inch Water Service, Type K Copper, Tr Det G	8237001	503.000	Ft
0830	_ Remove Water Main	8237001	1,455.000	Ft
0840	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	25.000	Ft
0850	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	89.000	Ft
0860	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	1,572.000	Ft
0870	_ 1 inch Corporation and Tap	8237050	13.000	Ea
0880	_ 1 inch Curb Stop and Box	8237050	13.000	Ea
0890	_ Connect to Existing Water Main	8237050	8.000	Ea
0900	_ Fire Hydrant, Modified	8237050	3.000	Ea
0910	_ Gate Valve and Box, 8 inch, Modified	8237050	12.000	Ea
0920	_ Hydrant, Rem, Modified	8237050	3.000	Ea
0930	_ Remove Sanitary Sewer	8257001	1,312.000	Ft
0940	_ Sanitary Sewer Lead, 6 inch, Tr Det B	8257001	522.000	Ft
0950	_ Sanitary Sewer, PVC, 8 inch, Tr Det B	8257001	1,293.000	Ft
0960	_ Sanitary Sewer Manhole, 48 inch dia	8257050	6.000	Ea
0970	_ Sanitary Sewer Manhole, Rem	8257050	7.000	Ea
0980	_ Sanitary Sewer Tap, 8 inch	8257050	6.000	Ea
0990	_ Sanitary Sewer, Cleanout	8257050	10.000	Ea
1000	_ Testing and Disinfection	8257051	1.000	LSUM
1010	Flowable Fill, Non-Structural	8260148	31.000	Cyd
1020	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 043 **Letting Date:** February 5, 2021 **Contract ID:** 41000-130200

Description: 0.60 mi of hot mix asphalt road reconstruction and shared use path, concrete curb and gutter, sidewalk, sidewalk ramps, culverts, sewer, drainage and pavement markings on Kinney Avenue from Three Mile Road to Waldorf Street in the city of Walker, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130200A	21A0195	N/A	STU 41000
209996A	21A0200	N/A	TAU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $146,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	16.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0060	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0080	Dr Structure, Rem	2030011	2.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	65.000	Ft
0100	Curb and Gutter, Rem	2040020	1,660.000	Ft
0110	Fence, Rem	2040025	140.000	Ft
0120	Pavt, Rem	2040050	270.000	Syd
0130	Sidewalk, Rem	2040055	560.000	Syd
0140	_ Machine Grading, Modified	2057002	28.000	Sta
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0160	Erosion Control, Silt Fence	2080036	4,500.000	Ft
0170	Subbase, CIP	3010002	7,400.000	Cyd
0180	_ Aggregate Base, 8 inch, Modified	3027011	11,500.000	Syd
0190	_ Approach, Cl I, 6 inch, Modified	3027011	550.000	Syd
0200	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0210	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0220	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0230	Culv, Cl E, Conc, 18 inch	4010575	20.000	Ft
0240	_ Culv, Reinf Conc Ellip, Cl IV, 48 inch by 76 inch	4017001	88.000	Ft
0250	_ Culv End Sect, Reinf Conc Ellip, 48 inch by 76 inch	4017050	2.000	Ea
0260	Sewer, Cl E, 12 inch, Tr Det B	4020600	492.000	Ft

0270	Sewer, Cl E, 15 inch, Tr Det B	4020601	124.000	Ft
0280	Sewer, Cl E, 18 inch, Tr Det B	4020602	431.000	Ft
0290	Sewer, Cl E, 24 inch, Tr Det B	4020603	499.000	Ft
0300	Sewer Tap, 12 inch	4021204	1.000	Ea
0310	_ Sewer Bulkhead, 12 inch	4027050	1.000	Ea
0320	Dr Structure Cover, Type B	4030010	10.000	Ea
0330	Dr Structure Cover, Type D	4030025	1.000	Ea
0340	Dr Structure Cover, Type G	4030040	4.000	Ea
0350	Dr Structure Cover, Type K	4030050	12.000	Ea
0360	Dr Structure, 24 inch dia	4030200	6.000	Ea
0370	Dr Structure, 48 inch dia	4030210	17.000	Ea
0380	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	19.000	Ea
0390	_ Dr Structure Cover, Type Q, Modified	4037050	14.000	Ea
0400	Underdrain, Subbase, 6 inch	4040063	5,000.000	Ft
0410	HMA Surface, Rem	5010005	9,500.000	Syd
0420	Hand Patching	5010025	10.000	Ton
0430	HMA, 3E3	5010045	1,800.000	Ton
0440	HMA, 4E3	5010051	1,200.000	Ton
0450	HMA Approach	5010061	115.000	Ton
0460	Conduit, 3 inch	7060030	46.000	Ft
0470	_ Culvert Footing	7067001	14.000	Ft
0480	Driveway, Nonreinf Conc, 6 inch	8010005	175.000	Syd
0490	Driveway, Nonreinf Conc, 8 inch	8010007	235.000	Syd
0500	Driveway Opening, Conc, Det M	8020050	475.000	Ft
0510	_ Curb and Gutter, Conc, Det F4, Modified	8027001	4,750.000	Ft
0520	Detectable Warning Surface	8030010	120.000	Ft
0530	Curb Ramp Opening, Conc	8030030	255.000	Ft
0540	Sidewalk Ramp, Conc, 6 inch	8030036	1,650.000	Sft
0550	Sidewalk, Conc, 4 inch	8030044	33,100.000	Sft
0560	Sidewalk, Conc, 6 inch	8030046	4,400.000	Sft
0570	_ Sidewalk, Conc, 8 inch	8037010	2,600.000	Sft
0580	_ Shared use Path, Grading, Modified	8067001	3,200.000	Ft
0590	Post, Mailbox	8070095	14.000	Ea
0600	Fence, Moving	8080120	90.000	Ft
0610	_ Fence, Rustic Split Rail	8087001	55.000	Ft
0620	Post, Steel, 3 lb	8100371	200.000	Ft
0630	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0640	Sign, Type III, Rem	8100403	11.000	Ea
0650	Sign, Type IIIA	8100404	19.000	Sft
0660	Sign, Type IIIB	8100405	67.000	Sft
0670	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0680	Pavt Mrkg, Waterborne, 4 inch, White	8110231	150.000	Ft
0690	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,900.000	Ft
0700	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	75.000	Ft
0710	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	150.000	Ft

0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,900.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Yellow	8110258	75.000	Ft
0740	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	315.000	Ft
0750	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	23.000	Ft
0760	_ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Crosswalk	8117001	315.000	Ft
0770	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	23.000	Ft
0780	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0790	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0800	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0810	Minor Traf Devices	8120170	1.000	LSUM
0820	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	150.000	Ft
0830	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0840	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0850	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0860	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0870	Sign, Type B, Temp, Prismatic, Furn	8120350	591.000	Sft
0880	Sign, Type B, Temp, Prismatic, Oper	8120351	591.000	Sft
0890	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	13.000	Sft
0900	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	13.000	Sft
0910	Riprap, Heavy	8130005	150.000	Syd
0920	Slope Restoration, Type B	8160101	250.000	Syd
0930	_ Turf Establishment	8167011	6,850.000	Syd
0940	Case Sign Panel, Salv	8200005	1.000	Ea
0950	Traf Loop	8200170	1.000	Ea
0960	TS Face, Bag	8200458	2.000	Ea
0970	Monument Box	8210001	1.000	Ea
0980	Water Shutoff, Adj, Case 2	8230422	3.000	Ea
0990	Gate Box, Adj, Case 1	8230431	4.000	Ea
1000	Gate Box, Adj, Case 2	8230432	4.000	Ea
1010	_ Hydrant Extension	8237001	4.000	Ft
1020	_ Hydrant, Relocate, Case 2, Modified	8237050	1.000	Ea

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 044 **Letting Date:** February 5, 2021 **Contract ID:** 33000-210234

Description: 0.17 mi of high friction surface treatment, concrete curb, gutter, sidewalk and ramps, drainage and pavement markings on Wood Street at Sam's Way, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210234A	21A0173	N/A	HSIP 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $18,400.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	602.000	Syd
0030	Sidewalk, Rem	2040055	78.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0050	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0060	Dr Structure Cover, Type B	4030010	1.000	Ea
0070	Dr Structure Cover, Type K	4030050	1.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0090	High Friction Surface Treatment	5060800	3,260.000	Syd
0100	Joint, Expansion, E2	6020207	7.000	Ft
0110	Joint, Expansion, E3	6020208	7.000	Ft
0120	Joint, Contraction, Crg	6030020	7.000	Ft
0130	Joint, Tied, Trg	6030023	7.000	Ft
0140	Lane Tie, Epoxy Anchored	6030030	117.000	Ea
0150	Pavt Repr, Nonreinf Conc, 9 1/2 inch	6030047	5.000	Syd
0160	Pavt Repr, Rem	6030080	5.000	Syd
0170	Resealing Trans Joints with Hot-Poured Rubber	6030100	500.000	Ft
0180	Resealing Longit Joints with Hot-Poured Rubber	6030101	1,500.000	Ft
0190	Curb and Gutter, Conc, Det B1	8020015	148.000	Ft
0200	Curb and Gutter, Conc, Det C3	8020022	501.000	Ft
0210	Divider, Nonreinf Conc, Type 1	8020066	386.000	Sft
0220	_ Decorative Conc, Surface, 4 inch	8037010	2,347.000	Sft
0230	_ Decorative Conc, Surface, 7 inch	8037010	885.000	Sft
0240	_ Detectable Warning Surface, Cast Iron	8037010	211.000	Sft
0250	_ Sidewalk Ramp, ADA, Modified	8037010	776.000	Sft
0260	_ Sidewalk, Conc, Modified, 4 inch	8037010	2,500.000	Sft
0270	_ Sidewalk, Conc, Modified, 7 inch	8037010	885.000	Sft
0280	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,841.000	Ft

0290	Pavt Mrkg, Polyurea, 6 inch, White	8110094	188.000	Ft
0300	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	539.000	Ft
0310	Pavt Mrkg, Polyurea, Yield	8110103	4.000	Ea
0320	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	100.000	Ft
0330	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	510.000	Ft
0340	Pavt Mrkg, Polyurea, 12 inch, White	8110111	90.000	Ft
0350	_ Pavt Mrkg, Polyurea, Thru, Lt & Rt Roundabout Arrow Sym	8117050	4.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0380	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0390	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0400	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,200.000	Ft
0450	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0470	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0480	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	752.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	752.000	Sft
0510	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	36.000	Sft
0520	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	36.000	Sft
0530	_ Pedestrian Ramp, Temp	8127050	6.000	Ea
0540	_ Slope Restoration, Intersection, Type II	8167051	1.000	LSUM
0550	_ Sanitary Structure Cover, Adj, Case 1	8257050	1.000	Ea

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 045 **Letting Date:** February 5, 2021 **Contract ID:** 81000-208103

Description: Bridge rehabilitation to include epoxy overlay, deck patching, joint replacement, sidewalk repairs, substructure repairs and approach work on Bridge Road and Mast Road over Huron River, Dennison Road over Saline River and Geddes Road over Fowler Creek, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208103A	21A0191	N/A	BHT 81000
208113A	21A0185	N/A	BRT 81000
208115A	21A0192	N/A	BRT 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Geddes Rd Additional Insurance	1077060	5,000.000	Dlr
0020	Mobilization, Max $301,400.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.480	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0080	Curb and Gutter, Rem	2040020	20.000	Ft
0090	Curb, Rem	2040021	46.000	Ft
0100	Guardrail, Rem	2040035	2,464.000	Ft
0110	Sidewalk, Rem	2040055	29.000	Syd
0120	Exploratory Investigation, Vertical	2040080	50.000	Ft
0130	Embankment, CIP	2050010	3,880.000	Cyd
0140	Excavation, Earth	2050016	2,187.000	Cyd
0150	_ Subgrade Undercutting, Type II, Modified	2057021	120.000	Cyd
0160	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0170	Erosion Control, Silt Fence	2080036	3,170.000	Ft
0180	_ Aggregate Base, 12 inch, Modified	3027011	3,189.000	Syd
0190	_ Aggregate Base, 8 inch, Modified	3027011	676.000	Syd
0200	_ Shoulder, Cl II, 7 1/2 inch, Modified	3077011	439.000	Syd
0210	Geotextile, Stabilization	3080010	2,290.000	Syd
0220	Underdrain, Subgrade, 6 inch	4040073	144.000	Ft
0230	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0240	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0250	Cold Milling HMA Surface	5010002	227.000	Syd

0260	HMA Surface, Rem	5010005	3,531.000	Syd
0270	Hand Patching	5010025	2.000	Ton
0280	HMA, 4E1	5010050	1,652.000	Ton
0290	HMA, 5E1	5010056	438.000	Ton
0300	HMA Approach	5010061	10.000	Ton
0310	Conc Pavt, Nonreinf, 9 inch	6020106	88.000	Syd
0320	Joint, Expansion, E3	6020208	65.000	Ft
0330	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	93.000	Syd
0340	Curb and Gutter, Bridge Approach	8020010	145.000	Ft
0350	Curb and Gutter, Conc, Det F4	8020038	20.000	Ft
0360	Curb and Gutter, Conc, Det F6	8020040	160.000	Ft
0370	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0380	Spillway, Conc	8020075	30.000	Ft
0390	Sidewalk, Conc, 4 inch	8030044	135.000	Sft
0400	Guardrail, Type B	8070000	913.000	Ft
0410	Guardrail, Type MGS-8	8070004	963.000	Ft
0420	Guardrail, Curved, Type B	8070010	50.000	Ft
0430	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0440	Guardrail Anchored in Backslope, Type 4B	8070036	2.000	Ea
0450	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0460	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0470	Guardrail Reflector	8070080	174.000	Ea
0480	Post, Mailbox	8070095	2.000	Ea
0490	Guardrail Post, Furn and Install, 72 inch	8070101	23.000	Ea
0500	Guardrail Anch Bridge, Det T3, Modified	8070123	3.000	Ea
0510	Guardrail Anch, Bridge, Det M1	8070130	10.000	Ea
0520	_ Guardrail Anch, Bridge, Det T3, Special	8077050	1.000	Ea
0530	Fence, Protective	8080007	1,000.000	Ft
0540	Post, Steel, 3 lb	8100371	384.000	Ft
0550	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0560	Sign, Type III, Rem	8100403	50.000	Ea
0570	Sign, Type IIIA	8100404	6.000	Sft
0580	Sign, Type IIIB	8100405	76.000	Sft
0590	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,925.000	Ft
0600	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	4,250.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,839.000	Ft
0620	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,256.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,839.000	Ft
0640	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,256.000	Ft
0650	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	685.000	Ft
0660	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	38.000	Ea
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	38.000	Ea

0690	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0700	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0710	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0720	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0730	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
0740	Conc Barrier, Temp, Adj	8120080	200.000	Ft
0750	Conc Barrier, Temp, Furn	8120081	550.000	Ft
0760	Conc Barrier, Temp, Oper	8120082	550.000	Ft
0770	Conc Barrier, Temp, Relocated	8120083	210.000	Ft
0780	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
0790	Lighted Arrow, Type C, Oper	8120141	9.000	Ea
0800	Minor Traf Devices	8120170	1.000	LSUM
0810	Mobile Attenuator	8120180	2.000	Ea
0820	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,720.000	Ft
0830	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	48.000	Ft
0840	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0850	Plastic Drum, Fluorescent, Furn	8120252	78.000	Ea
0860	Plastic Drum, Fluorescent, Oper	8120253	78.000	Ea
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	72.000	Ft
0880	PTS System, Temp, Furn	8120270	1.000	Ea
0890	PTS System, Temp, Oper	8120271	1.000	Ea
0900	Sign Cover	8120310	10.000	Ea
0910	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	14.000	Ea
0920	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	14.000	Ea
0930	Sign, Type A, Temp, Prismatic, Furn	8120340	9.000	Sft
0940	Sign, Type A, Temp, Prismatic, Oper	8120341	9.000	Sft
0950	Sign, Type B, Temp, Prismatic, Furn	8120350	2,913.000	Sft
0960	Sign, Type B, Temp, Prismatic, Oper	8120351	2,913.000	Sft
0970	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	775.000	Sft
0980	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	775.000	Sft
0990	Traf Regulator Control	8120370	1.000	LSUM
1000	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Cross Hatching	8127001	495.000	Ft
1010	Riprap, Plain	8130010	169.000	Syd
1020	Mulch Blanket, High Velocity	8160028	2,531.000	Syd
1030	_ _Turf Establishment, Performance	8167011	4,233.000	Syd
1040	_ Slope Restoration, Bonded Fiber Matrix	8167011	3,451.000	Syd

Section: 2

1050	Structures, Rem (SN 10981)	2040060	1.000	LSUM
1060	Structures, Rem Portions (SN 11000)	2040061	1.000	LSUM
1070	Backfill, Structure, CIP	2060002	1,864.000	Cyd

1080	Excavation, Fdn	2060010	2,707.000	Cyd
1090	Erosion Control, Filter Bag	2080014	6.000	Ea
1100	Erosion Control, Sediment Basin	2080032	1.000	Cyd
1110	Erosion Control, Turbidity Curtain, Deep	2080042	64.000	Ft
1120	Underdrain, Fdn, 4 inch	4040031	304.000	Ft
1130	Underdrain Outlet, 4 inch	4040091	162.000	Ft
1140	Underdrain, Outlet Ending, 4 inch	4040111	10.000	Ea
1150	Culv Bedding, Box Culv	4060005	130.000	Cyd
1160	_ Culv, Precast Conc Box, 23 foot by 9 foot	4067001	53.000	Ft
1170	Cofferdams (SN 11000)	7040007	1.000	LSUM
1180	_ Bypass Pumping	7047050	1.000	Ea
1190	_ Construction Dam	7047050	1.000	Ea
1200	Pile Driving Equipment, Furn (SN 11000)	7050002	1.000	LSUM
1210	Pile, Steel, Furn and Driven, 14 inch	7050034	4,920.000	Ft
1220	Test Pile, Steel, 14 inch	7050035	4.000	Ea
1230	Pile, Steel, Splice	7050050	56.000	Ea
1240	Bridge Ltg, Furn and Rem (SN 11000)	7060001	1.000	LSUM
1250	Bridge Ltg, Oper and Maintain	7060002	122.000	Cyd
1260	Conc, Grade D	7060010	41.000	Cyd
1270	Conc, Grade S2, Subfooting	7060012	25.000	Cyd
1280	Expansion Joint Device	7060050	211.000	Ft
1290	Expansion Joint Device, Cover Plate	7060051	28.000	Ft
1300	False Decking	7060060	8,795.000	Sft
1310	Reinforcement, Steel, Epoxy Coated	7060092	50,689.000	Lb
1320	Substructure Conc, High Performance	7060101	325.000	Cyd
1330	Superstructure Conc, Form, Finish, and Cure (SN 11000)	7060111	1.000	LSUM
1340	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 11000)	7060112	1.000	LSUM
1350	Superstructure Conc, High Performance	7060116	28.000	Cyd
1360	Superstructure Conc, Night Casting, High Performance	7060117	122.000	Cyd
1370	Bearing, Elastomeric, 2 inch	7070016	2,368.000	Sin
1380	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	885.000	Lb
1390	Steel Diaphragm, Prest Conc Beam, Erect	7070054	885.000	Lb
1400	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	356.000	Ft
1410	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	356.000	Ft
1420	Joint Waterproofing	7100001	404.000	Sft
1430	Joint Waterproofing, Expansion	7100003	88.000	Sft
1440	Conc Surface Coating (SN 10996)	7100010	1.000	LSUM
1450	Conc Surface Coating (SN 11000)	7100010	1.000	LSUM
1460	Substructure Horizontal Surface Sealer (SN 10996)	7100030	41.000	Syd
1470	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	186.000	Ft
1480	Hand Chipping, Shallow	7120003	50.000	Syd
1490	Hand Chipping, Deep	7120004	18.000	Syd

1500	Hand Chipping, Other Than Deck	7120007	104.000	Cft
1510	Patch, Forming	7120017	208.000	Sft
1520	Epoxy Ovly	7120020	2,126.000	Syd
1530	Epoxy Ovly, Rem	7120021	956.000	Syd
1540	Deck Joint, Rem	7120071	172.000	Ft
1550	Patching Conc, C-L	7120112	9.000	Cyd
1560	Embedded Galvanic Anode	7120120	139.000	Ea
1570	Riprap, Heavy	8130005	341.000	Syd

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 046 **Letting Date:** February 5, 2021 **Contract ID:** 81000-208962

Description: 0.65 mi of hot mix asphalt shared use path, concrete curb and gutter, sidewalk, sidewalk ramp, culvert, sewer, drainage, pavement markings and construction of right turn lane along the west side of Dixboro Road from the Matthaei Botanical Gardens driveway to Plymouth Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208962A	21A0160	N/A	TAU 81000
211641A	21A0160	N/A	CMG 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Additional Insurance	1077060	2,000.000	Dlr
0020	Mobilization, Max $150,000.00	1500001	1.000	LSUM
0030	Tree, Rem, 6 inch to 18 inch	2020004	19.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0050	Culv, End, Rem, Over 48 inch	2030007	1.000	Ea
0060	Dr Structure, Rem	2030011	4.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	85.000	Ft
0080	Curb and Gutter, Rem	2040020	700.000	Ft
0090	Fence, Rem	2040025	74.000	Ft
0100	Pavt, Rem	2040050	48.000	Syd
0110	Sidewalk, Rem	2040055	52.000	Syd
0120	Exploratory Investigation, Vertical	2040080	50.000	Ft
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0140	_ Roadway Grading, Modified	2057002	3.000	Sta
0150	_ Subgrade Undercutting, Type II, Modified	2057021	500.000	Cyd
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0170	Erosion Control, Silt Fence	2080036	3,071.000	Ft
0180	Project Cleanup	2090001	1.000	LSUM
0190	_ Aggregate Base, 10 inch, 21AA, Modified	3027011	2,717.000	Syd
0200	_ Aggregate Base, 6 inch, 21AA, Modified	3027011	37.000	Syd
0210	_ Maintenance Gravel, Special	3067031	100.000	Ton
0220	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0230	Culv, Cl A, 12 inch	4010131	10.000	Ft
0240	Culv, Cl F, 12 inch	4010607	46.000	Ft
0250	Culv, CSP Arch, Cl A, 81 inch by 59 inch	4010753	9.000	Ft

0260	_ Culv, Slp End Sect, Arch Pipe, 1 on 4, 81 inch by 59 inch, Transv	4017001	1.000	Ft
0270	Sewer, Cl A, 12 inch, Tr Det A	4020004	6.000	Ft
0280	Sewer, Cl A, 12 inch, Tr Det B	4020033	362.000	Ft
0290	Sewer, Cl A, 18 inch, Tr Det B	4020035	485.000	Ft
0300	Sewer Tap, 12 inch	4021204	3.000	Ea
0310	Sewer Tap, 18 inch	4021206	1.000	Ea
0320	_ Sewer Bulkhead, 12 inch	4027050	1.000	Ea
0330	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0340	Dr Structure Cover, Type B	4030010	8.000	Ea
0350	Dr Structure Cover, Type E	4030035	1.000	Ea
0360	Dr Structure Cover, Type G	4030040	1.000	Ea
0370	Dr Structure Cover, Type K	4030050	21.000	Ea
0380	Dr Structure, 24 inch dia	4030200	9.000	Ea
0390	Dr Structure, 48 inch dia	4030210	14.000	Ea
0400	_ Dr Structure, 60 inch dia, Modified	4037050	4.000	Ea
0410	Underdrain, Subbase, 6 inch	4040063	2,041.000	Ft
0420	_ Sewer, Open-Graded, 12 inch, Special	4047001	1,381.000	Ft
0430	Cold Milling HMA Surface	5010002	285.000	Syd
0440	HMA Surface, Rem	5010005	774.000	Syd
0450	Hand Patching	5010025	8.000	Ton
0460	HMA, 3E1	5010044	49.000	Ton
0470	HMA, 5E1	5010056	34.000	Ton
0480	HMA Approach	5010061	523.000	Ton
0490	Conc, Grade P1	6020030	17.000	Cyd
0500	Joint Waterproofing	7100001	167.000	Sft
0510	Curb and Gutter, Conc, Det F4	8020038	3,052.000	Ft
0520	Detectable Warning Surface	8030010	178.000	Ft
0530	Curb Ramp Opening, Conc	8030030	276.000	Ft
0540	Sidewalk Ramp, Conc, 6 inch	8030036	2,075.000	Sft
0550	Sidewalk, Conc, 6 inch	8030046	2,242.000	Sft
0560	Shared use Path, HMA	8060040	902.000	Ton
0570	_ Shared Use Path, Grading, Modified	8067001	3,237.000	Ft
0580	_ Shared Use Path, Aggregate, 8 inch, Modified	8067011	5,736.000	Syd
0590	Post, Mailbox	8070095	2.000	Ea
0600	_ Wood Safety Railing	8077001	250.000	Ft
0610	Fence, Chain Link, 48 inch	8080011	74.000	Ft
0620	Mast Arm Std Fdn, Cased	8100306	80.000	Ft
0630	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
0640	Post, Steel, 3 lb	8100371	318.000	Ft
0650	Sign, Type II, Erect, Salv	8100396	8.000	Ea
0660	Sign, Type II, Rem	8100397	1.000	Ea
0670	Sign, Type IIB	8100399	20.000	Sft
0680	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0690	Sign, Type III, Rem	8100403	13.000	Ea

0700	Sign, Type IIIA	8100404	37.000	Sft
0710	Sign, Type IIIB	8100405	134.000	Sft
0720	Mast Arm, Rem	8100560	4.000	Ea
0730	Mast Arm Std, Rem	8100570	4.000	Ea
0740	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	60.000	Ft
0750	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,732.000	Ft
0760	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	60.000	Ft
0770	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,732.000	Ft
0780	Rem Spec Mrkg	8110343	102.000	Sft
0790	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0800	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0810	Recessing Pavt Mrkg, Transv	8110451	1,013.000	Sft
0820	_ Pavt Mrkg, Wet Retrflec, Polyurea, 12 inch, Crosswalk	8117001	673.000	Ft
0830	_ Pavt Mrkg, Wet Retrflec, Polyurea, 24 inch, Stop Bar	8117001	122.000	Ft
0840	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0850	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0860	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0870	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0880	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0890	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0900	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0910	Minor Traf Devices	8120170	1.000	LSUM
0920	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	59.000	Ft
0930	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0940	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0950	Sign Cover	8120310	10.000	Ea
0960	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0970	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0980	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	606.000	Sft
0990	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	606.000	Sft
1000	Traf Regulator Control	8120370	1.000	LSUM
1010	Riprap, Grouted	8130001	50.000	Syd
1020	Riprap, Plain	8130010	45.000	Syd
1030	_ Native Seeding, Type 1	8167011	392.000	Syd
1040	_ Turf Establishment, Performance	8167011	4,676.000	Syd
1050	Cable Pole, Sec, Disman	8190006	1.000	Ea
1060	Conduit, DB, 1, 1 1/2 inch	8190027	45.000	Ft
1070	Conduit, DB, 1, 3 inch	8190029	100.000	Ft
1080	Conduit, DB, 2, 3 inch	8190032	30.000	Ft
1090	Conduit, Rem	8190140	235.000	Ft
1100	Hh, Rem	8190254	6.000	Ea
1110	Hh, Round	8190260	8.000	Ea
1120	Luminaire, Rem	8190360	4.000	Ea

1130	Cable, Sec, 600V, 1, 3/C#6	8190399	550.000	Ft
1140	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
1150	Conduit, Directional Bore, 2, 3 inch	8190604	355.000	Ft
1160	_ Luminaire (LED)	8197050	5.000	Ea
1170	Controller and Cabinet, Rem	8200030	1.000	Ea
1180	Controller Fdn, Base Mount	8200045	1.000	Ea
1190	Controller Fdn, Rem	8200046	1.000	Ea
1200	Fdn, Rem	8200065	4.000	Ea
1210	Pedestal, Alum	8200100	3.000	Ea
1220	Pedestal, Fdn	8200105	5.000	Ea
1230	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
1240	Power Co. (Est. Cost to Contractor)	8200116	3,000.000	Dlr
1250	Push Button Station and Sign	8200128	4.000	Ea
1260	Serv Disconnect	8200135	1.000	Ea
1270	Serv Disconnect, Rem	8200136	1.000	Ea
1280	TS, Mast Arm Mtd, Rem	8200177	12.000	Ea
1290	TS, Wireless Link, Rem	8200280	1.000	Ea
1300	TS, Wireless Link, Salv	8200281	1.000	Ea
1310	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
1320	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1330	TS, One Way Mast Arm Mtd (LED)	8200359	6.000	Ea
1340	Bracket, Truss, Salv	8200385	1.000	Ea
1350	Bracket, Truss, Rem	8200388	1.000	Ea
1360	Wireless Vehicle Detection System	8200422	1.000	Ea
1370	Wireless Vehicle Sensor Node	8200425	27.000	Ea
1380	TS Face, Bag	8200458	6.000	Ea
1390	TS Face, Bag, Rem	8200459	6.000	Ea
1400	Backplate, TS	8200501	12.000	Ea
1410	_ Backplate, TS, 3 Sec	8207050	6.000	Ea
1420	_ Backplate, TS, 4 Sec	8207050	4.000	Ea
1430	_ Backplate, TS, 5 Sec	8207050	2.000	Ea
1440	_ Bracket Arm, 12 Foot, 3 Foot Rise	8207050	4.000	Ea
1450	_ Bracket Arm, 24 Foot, 3 Foot Rise	8207050	1.000	Ea
1460	_ CCTV Camera, Rem and Salv	8207050	1.000	Ea
1470	_ Controller and Cabinet, Base Mount (TS2)	8207050	1.000	Ea
1480	_ Flsh Beacon, Rectangular Rapid	8207050	4.000	Ea
1490	_ Managed Ethernet Switch	8207050	1.000	Ea
1500	_ Mast Arm Std, Modified	8207050	5.000	Ea
1510	_ Mast Arm, 35 Foot, Cat III, Modified	8207050	1.000	Ea
1520	_ Mast Arm, 45 Foot, Cat III, Modified	8207050	1.000	Ea
1530	_ Mast Arm, 50 Foot, Cat III, Modified	8207050	3.000	Ea
1540	_ One Way Street Name Sign, Illuminated (LED), 6 Feet	8207050	4.000	Ea
1550	_ One Way Street Name Sign, Illuminated, Rem	8207050	4.000	Ea

1560	_ Side Pole Cabinet	8207050	5.000	Ea
1570	_ Side Pole Cabinet, Rem	8207050	4.000	Ea
1580	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	2.000	Ea
1590	_ Two-Way Crosswalk Sign, Illuminated (LED), 8 Feet w/ Downlight	8207050	1.000	Ea
1600	_ Uninterruptible Power Supply, ITS, Modified	8207050	2.000	Ea
1610	_ Wireless Repeater, Flex	8207050	4.000	Ea
1620	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	2,667.000	Ft

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 047 **Letting Date:** February 5, 2021 **Contract ID:** 33000-130505-2

Description: 1.05 mi of hot mix asphalt shared use path, concrete curb and gutter, sidewalk, sidewalk ramp, culverts, drainage and pavement markings on Michigan Avenue from Pennsylvania Avenue to Clemens Avenue in the city of Lansing, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130505A	20A0727	N/A	CM 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $47,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	245.000	Ft
0030	Fence, Rem	2040025	390.000	Ft
0040	Guardrail, Rem	2040035	85.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0060	Sidewalk, Rem	2040055	218.000	Syd
0070	Exploratory Investigation, Vertical	2040080	25.000	Ft
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0090	_ Subgrade Undercutting, Special	2057011	2,000.000	Syd
0100	Erosion Control, Silt Fence	2080036	500.000	Ft
0110	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	10.000	Ea
0120	_ Street Sweeping	2087050	10.000	Ea
0130	Maintenance Gravel, LM	3060021	100.000	Cyd
0140	Culv End Sect, 15 inch	4010015	4.000	Ea
0150	Culv End Sect, 18 inch	4010018	2.000	Ea
0160	Culv, Cl A, 15 inch	4010132	48.000	Ft
0170	Culv, Cl A, 18 inch	4010133	24.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0190	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0200	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0210	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0220	HMA Surface, Rem	5010005	90.000	Syd
0230	Hand Patching	5010025	31.000	Ton
0240	HMA Approach	5010061	33.000	Ton
0250	Cement	6030005	2.000	Ton
0260	Curb and Gutter, Conc, Det F4	8020038	140.000	Ft

0270	Curb Ramp Opening, Conc	8030030	95.000	Ft
0280	Sidewalk Ramp, Conc, 6 inch	8030036	1,296.000	Sft
0290	Sidewalk, Conc, 6 inch	8030046	11,564.000	Sft
0300	Sidewalk, Conc, 8 inch	8030048	100.000	Sft
0310	_ Detectable Warning Surface	8037001	50.000	Ft
0320	Shared use Path, Grading	8060030	6,720.000	Ft
0330	_ Shared use Path, Aggregate, 8 inch	8067011	7,070.000	Syd
0340	_ Shared use Path, HMA, Modified	8067031	677.000	Ton
0350	Fence Post	8080130	5.000	Ea
0360	_ Fence, Chain Link with Top Rail, 48 inch	8087001	85.000	Ft
0370	_ Fence, Chain Link with Top Rail, 60 inch	8087001	275.000	Ft
0380	_ Moving Fence, Modified	8087001	286.000	Ft
0390	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	300.000	Ft
0400	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0420	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0480	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0490	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	_ Parkway Restoration	8167002	68.000	Sta
0520	_ Tree Trimming and Pruning	8167040	40.000	Hr

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 048 **Letting Date:** February 5, 2021 **Contract ID:** 23000-208101

Description: Bridge rehabilitation includes concrete deck and sidewalk patching, resealing joints, epoxy overlay, substructure patching and pavement markings on Bridge Street over Grand River in the village of Dimondale, Eaton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208101A	21A0172	N/A	BHT 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $34,000.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	100.000	Ft
0030	Maintenance Gravel	3060020	90.000	Ton
0040	_ Pedestrian Path, Temp	8107001	80.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	870.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	870.000	Ft
0070	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0100	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0110	Pedestrian Type II Channelizer, Temp	8120027	160.000	Ft
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	15.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	15.000	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	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	215.000	Ft
0180	Plastic Drum, Fluorescent, Furn	8120252	45.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	45.000	Ea
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	35.000	Ft
0210	PTS System, Temp, Furn	8120270	1.000	Ea
0220	PTS System, Temp, Oper	8120271	1.000	Ea
0230	Sign Cover	8120310	4.000	Ea
0240	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0250	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea

0260	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0270	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	735.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	735.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	83.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	83.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM

Section: 2

0330	False Decking	7060060	100.000	Sft
0340	Reinforcement, Steel, Epoxy Coated	7060092	100.000	Lb
0350	Penetrating Healer/Sealer, Bridge Deck	7100025	261.000	Syd
0360	Hand Chipping, Shallow	7120003	3.000	Syd
0370	Hand Chipping, Deep	7120004	3.000	Syd
0380	Hand Chipping, Other Than Deck	7120007	46.000	Cft
0390	Patch, Forming	7120017	113.000	Sft
0400	Epoxy Ovly	7120020	612.000	Syd
0410	Bridge Joints, Clean and Seal (SN 2440)	7120095	1.000	LSUM
0420	Patching Conc, C-L	7120112	3.000	Cyd
0430	Embedded Galvanic Anode	7120120	50.000	Ea
0440	Beam Plate, Seal Perimeter	7130010	486.000	Ft
0450	Protective Shield, Utility Pipe	7150025	36.000	Ft
0460	Steel Structure, Cleaning, Partial, Type 4 (SN 2440)	7150047	1.000	LSUM
0470	Steel Structure, Coating, Partial, Type 4 (SN 2440)	7150048	1.000	LSUM

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 049 **Letting Date:** February 5, 2021 **Contract ID:** 72023-210394

Description: 9.16 mi of sinusoidal shoulder corrugations and pavement markings on various routes, Roscommon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210394A	21A0104	N/A	HSIP 72023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $6,000.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,350.000	Ft
0030	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	124.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	124.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	216.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	216.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM
0110	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	16,350.000	Ft

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 050 **Letting Date:** February 5, 2021 **Contract ID:** 39000-206264

Description: 1.55 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalks and ramps, watermain, signal and pavement markings on Milham Avenue from South Westnedge Avenue to Portage Road in the city of Portage, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206264A	21A0184	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Protection, at Grade Crossing	1027060	15,000.000	Dlr
0020	Mobilization, Max $279,200.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	6.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	818.000	Ft
0050	Curb and Gutter, Rem	2040020	2,240.000	Ft
0060	Sidewalk, Rem	2040055	985.000	Syd
0070	Exploratory Investigation, Vertical	2040080	50.000	Ft
0080	_ Timber Wall, Rem	2047001	30.000	Ft
0090	_ Pavt, Rem, Modified	2047011	4,000.000	Syd
0100	Subgrade Undercutting, Type II	2050041	150.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	85.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0130	Subbase, CIP	3010002	1,210.000	Cyd
0140	Aggregate Base, 8 inch	3020020	3,595.000	Syd
0150	Maintenance Gravel, LM	3060021	500.000	Cyd
0160	Trenching	3070200	24.000	Sta
0170	Sewer, Cl IV, 12 inch, Tr Det B	4020987	694.000	Ft
0180	Sewer, Cl IV, 18 inch, Tr Det B	4020989	158.000	Ft
0190	Trench Undercut and Backfill	4021260	150.000	Cyd
0200	Video Taping Sewer and Culv Pipe	4021275	860.000	Ft
0210	_ Sewer, DI, 12 inch, Tr Det B	4027001	7.000	Ft
0220	_ Sewer, PVC, 12 inch, Tr Det B	4027001	8.000	Ft
0230	_ Sewer, Conn to Ex, 12 inch	4027050	7.000	Ea
0240	Dr Structure Cover, Adj, Case 1	4030005	55.000	Ea
0250	Dr Structure, 24 inch dia	4030200	1.000	Ea
0260	Dr Structure, 48 inch dia	4030210	5.000	Ea
0270	Dr Structure, Tap, 12 inch	4030312	2.000	Ea

0280	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0290	Dr Structure, Temp Lowering	4030390	45.000	Ea
0300	_ Dr Structure Cover, Type B, Modified	4037050	19.000	Ea
0310	_ Dr Structure Cover, Type D, Modified	4037050	1.000	Ea
0320	_ Dr Structure Cover, Type K, Modified	4037050	20.000	Ea
0330	_ Dr Structure Cover, Type KL, Modified	4037050	5.000	Ea
0340	_ Dr Structure Cover, Type Q, Modified	4037050	21.000	Ea
0350	_ Dr Structure, Reconstruct	4037050	12.000	Ea
0360	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0370	Cold Milling HMA Surface	5010002	53,175.000	Syd
0380	Edge Trimming	5010009	8,000.000	Ft
0390	Hand Patching	5010025	220.000	Ton
0400	HMA, 3E3	5010045	611.000	Ton
0410	HMA, 4E3	5010051	5,690.000	Ton
0420	HMA, 5E3	5010057	5,905.000	Ton
0430	HMA, Temp Pavt (LVSP)	5020807	758.000	Ton
0440	Cement	6030005	5.000	Ton
0450	Driveway, Nonreinf Conc, 6 inch	8010005	155.000	Syd
0460	_ Curb and Gutter, Conc, Det C4, Modified	8027001	2,085.000	Ft
0470	Sidewalk Ramp, Conc, 6 inch	8030036	3,755.000	Sft
0480	Sidewalk, Conc, 4 inch	8030044	4,555.000	Sft
0490	_ Curb Ramp Opening, Conc, Modified	8037001	205.000	Ft
0500	_ Detectable Warning Surface, Cast Iron	8037001	125.000	Ft
0510	_ Stamped Concrete, 6 inch	8037010	3,345.000	Sft
0520	Post, Mailbox	8070095	1.000	Ea
0530	Band, Sign	8100010	8.000	Ea
0540	Post Hole Through Conc for Steel Post	8100340	10.000	Ea
0550	Post, Steel, 3 lb	8100371	990.000	Ft
0560	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0570	Sign, Type III, Rem	8100403	94.000	Ea
0580	Sign, Type IIIA	8100404	23.000	Sft
0590	Sign, Type IIIB	8100405	303.000	Sft
0600	Mast Arm Pole Fdn, 6 Bolt	8100550	75.000	Ft
0610	Mast Arm, Rem	8100560	6.000	Ea
0620	Mast Arm Std, Rem	8100570	5.000	Ea
0630	Reflective Panel for Permanent Sign Support, 6 foot	8100616	18.000	Ea
0640	_ Mast Arm Pole, Cat II, Modified, Install	8107050	5.000	Ea
0650	_ Mast Arm, 30 foot, Cat II, Modified, Install	8107050	1.000	Ea
0660	_ Mast Arm, 35 foot, Cat II, Modified, Install	8107050	1.000	Ea
0670	_ Mast Arm, 40 foot, Cat II, Modified, Install	8107050	4.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,795.000	Ft
0690	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	535.000	Ft
0700	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0710	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0720	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea

0730	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0740	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0750	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,225.000	Ft
0760	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,820.000	Ft
0770	Pavt Mrkg, Waterborne, 12 inch, White	8110237	65.000	Ft
0780	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	65.000	Ft
0790	Rem Spec Mrkg	8110343	670.000	Sft
0800	Recessing Pavt Mrkg, Transv	8110451	2,865.000	Sft
0810	Barricade, Type III, High Intensity, Lighted, Furn	8120022	80.000	Ea
0820	Barricade, Type III, High Intensity, Lighted, Oper	8120023	80.000	Ea
0830	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0840	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0850	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0860	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0870	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0880	Ltg for Night Work	8120160	1.000	LSUM
0890	Minor Traf Devices	8120170	1.000	LSUM
0900	Pavt Mrkg Cover, Type R, Black	8120200	50.000	Ft
0910	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	7,275.000	Ft
0920	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	9,295.000	Ft
0930	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	21.000	Ea
0940	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	15.000	Ft
0950	Sign Cover	8120310	10.000	Ea
0960	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0970	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0980	Sign, Type B, Temp, Prismatic, Furn	8120350	766.000	Sft
0990	Sign, Type B, Temp, Prismatic, Oper	8120351	766.000	Sft
1000	Traf Regulator Control	8120370	1.000	LSUM
1010	TS, Temp, Furn	8120400	2.000	Ea
1020	TS, Temp, Oper	8120401	2.000	Ea
1030	_ Project Sign	8127050	2.000	Ea
1040	Slope Paving, Conc	8130020	115.000	Syd
1050	Cornus sericea Flaviramea, #5 cont.	8151057	12.000	Ea
1060	Cornus sericea, #5 cont.	8151064	14.000	Ea
1070	Echinacea purpurpea Magnus, #1 cont.	8151277	171.000	Ea
1080	Ginko biloba Autumn Gold, 2 inch	8151632	3.000	Ea
1090	Liriope muscari Big Blue, 3 inch pot	8152190	1,418.000	Ea
1100	Panicum virgatum Heavy Metal, #2 cont.	8152568	7.000	Ea
1110	Panicum virgatum Shenandoah, #2 cont.	8152583	9.000	Ea
1120	Rudbeckia fuldiga Goldsturm, #1 cont.	8153279	207.000	Ea
1130	Schizachyrium scoparium The Blues, #1 cont.	8153406	150.000	Ea
1140	_ Aluminum Edging	8157001	44.000	Ft

1150	_ Shredded Hardwood Mulch, 3 inch	8157011	755.000	Syd
1160	_ Acer Rubrum 'Armstrong', 2 inch	8157050	3.000	Ea
1170	_ Acer Rubrum 'Franksred' TM, 2 inch	8157050	5.000	Ea
1180	_ Allium tanguticum Summer Beauty, #1 cont.	8157050	60.000	Ea
1190	_ Calamagrostis x acutiflora Karl Foerster, #2 cont.	8157050	5.000	Ea
1200	_ Cephalanthus occidentalis 'SMCOSS', #3 cont.	8157050	19.000	Ea
1210	_ Clethra Alnifolia 'Summersweet', #5 cont.	8157050	14.000	Ea
1220	_ Echinacea Purpurea Magnus, #1 cont.	8157050	171.000	Ea
1230	_ Ginkgo Biloba 'Princeton Sentry' TM, 1.5 inch	8157050	5.000	Ea
1240	_ Hemerocallis x 'Stella de Oro', #1 cont.	8157050	58.000	Ea
1250	_ Pennisetum orientale Karley Rose, #1 cont.	8157050	36.000	Ea
1260	Water, Sodding/Seeding	8160090	35.000	Unit
1270	_ Slope Restoration, Type E, Modified	8167011	820.000	Syd
1280	Conduit, DB, 1, 1 1/2 inch	8190027	200.000	Ft
1290	Conduit, DB, 1, 3 inch	8190029	185.000	Ft
1300	Conduit, DB, 3, 3 inch	8190035	70.000	Ft
1310	Conduit, DB, 4, 3 inch	8190038	40.000	Ft
1320	Hh, Adj	8190244	1.000	Ea
1330	Hh, Polymer Conc	8190250	8.000	Ea
1340	Hh, Rem	8190254	4.000	Ea
1350	Hh, Round, 3 foot dia	8190259	2.000	Ea
1360	Cable, Sec, 600V, 1, 3/C#6	8190399	600.000	Ft
1370	Bracket Arm, Clamp On, Rem	8190520	1.000	Ea
1380	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	150.000	Ft
1390	Conduit, Directional Bore, 1, 3 inch	8190602	445.000	Ft
1400	_ Conduit, Clean and Test	8197001	8,540.000	Ft
1410	_ Linear Luminaire, Mast Arm Mtd (LED)	8197050	1.000	Ea
1420	_ Linear Luminaire, Rem	8197050	1.000	Ea
1430	_ Linear Luminaire, Salv	8197050	1.000	Ea
1440	_ Luminaire, Bracket Arm Mtd (LED)	8197050	5.000	Ea
1450	Conduit Repr, Under Pavt	8200027	150.000	Ft
1460	Conduit Repr, Under Sidewalk or Earth	8200028	150.000	Ft
1470	Controller and Cabinet, Rem	8200030	2.000	Ea
1480	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	1.000	Ea
1490	Controller Fdn, Base Mount	8200045	2.000	Ea
1500	Controller Fdn, Rem	8200046	2.000	Ea
1510	Fdn, Rem	8200065	5.000	Ea
1520	Pedestal, Fdn	8200105	8.000	Ea
1530	Pedestal Fdn, Rem	8200106	3.000	Ea
1540	Pedestal, Rem	8200110	3.000	Ea
1550	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
1560	Power Co. (Est. Cost to Contractor)	8200116	4,000.000	Dlr
1570	Pushbutton and Sign	8200121	8.000	Ea
1580	Pushbutton, Rem	8200122	7.000	Ea

1590	Serv Disconnect	8200135	2.000	Ea
1600	Serv Disconnect, Rem	8200136	2.000	Ea
1610	TS, Mast Arm Mtd, Rem	8200177	12.000	Ea
1620	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	5.000	Ea
1630	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
1640	TS, One Way Mast Arm Mtd (LED)	8200359	11.000	Ea
1650	TS Face, Bag	8200458	12.000	Ea
1660	TS Face, Bag, Rem	8200459	12.000	Ea
1670	Strain Pole Fdn, 6 Bolt	8200470	19.000	Ft
1680	Casing	8200480	79.000	Ft
1690	Backplate, TS	8200501	14.000	Ea
1700	_ Bracket, Truss, With 18 Foot Arm, Modified, Install	8207050	5.000	Ea
1710	_ Cabinet, NEMA Type, Base Mount (TS2)	8207050	2.000	Ea
1720	_ Controller, NEMA Type ATC, Modified	8207050	2.000	Ea
1730	_ Digital Video Encoder, H.264, 1 Channel	8207050	1.000	Ea
1740	_ Pedestal, Alum, Modified	8207050	6.000	Ea
1750	_ PTZ Camera, Dome Type, Pole Mtd	8207050	1.000	Ea
1760	_ Pushbutton Pedestal, Alum, Modified	8207050	2.000	Ea
1770	_ Strain Pole, Steel, 6 bolt, 50 foot, Modified, Install	8207050	1.000	Ea
1780	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	3.000	Ea
1790	_ TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown, Salv	8207050	6.000	Ea
1800	_ TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown, Salv	8207050	1.000	Ea
1810	_ TS, Uninterruptible Power System	8207050	2.000	Ea
1820	_ Two Way Street Name Sign, Illuminated, 6 feet, Salv	8207050	6.000	Ea
1830	_ Two Way Street Name Sign, Illuminated, Rem	8207050	6.000	Ea
1840	_ Universal Camera Bracket and Extension	8207050	3.000	Ea
1850	_ Video Traf Detection Camera, Modified	8207050	3.000	Ea
1860	_ Video Traf Detection Camera, Rem, Modified	8207050	2.000	Ea
1870	_ Video Traf Detection System, Modified	8207050	2.000	Ea
1880	_ Video Traf Detection System, Rem, Modified	8207050	1.000	Ea
1890	Monument Box Adjust	8210005	1.000	Ea
1900	Monument Preservation	8210010	1.000	Ea
1910	Water Main, 6 inch, Cut and Plug	8230131	2.000	Ea
1920	Water Main, 12 inch, Cut and Plug	8230134	3.000	Ea
1930	Gate Box, Adj, Temp, Case 1	8230391	26.000	Ea
1940	Polyethylene Encasement	8230440	1,495.000	Ft
1950	_ Water Main, DI, Cl 52, 4 inch, Tr Det G, Modified	8237001	15.000	Ft
1960	_ Water Main, DI, Cl 52, 6 inch, Tr Det G, Modified	8237001	10.000	Ft
1970	_ Water Main, DI, Cl 52, 8 inch, Tr Det G, Modified	8237001	175.000	Ft
1980	_ Water Main, DI, Cl 53, 12 inch, Tr Det G, Modified	8237001	1,265.000	Ft
1990	_ Curb Stop and Box	8237050	21.000	Ea
2000	_ Gate Valve and Box, 12 inch, Modified	8237050	4.000	Ea
2010	_ Gate Valve and Box, 16 inch, Modified	8237050	1.000	Ea

2020	_ Gate Valve and Box, 8 inch, Modified	8237050	4.000	Ea
2030	_ Hydrant Assembly, Modified	8237050	6.000	Ea
2040	_ Hydrant, Rem, Modified	8237050	2.000	Ea
2050	_ Inline Water Valve, Temp, 12 inch	8237050	2.000	Ea
2060	_ Inline Water Valve, Temp, 16 inch	8237050	1.000	Ea
2070	_ Inline Water Valve, Temp, 6 inch	8237050	2.000	Ea
2080	_ Live Tap, 16 inch by 4 inch, Modified	8237050	1.000	Ea
2090	_ Water Serv, Trenchless, 1.25 inch, Modified	8237050	12.000	Ea
2100	_ Water Serv, Trenchless, Long, 1.25 inch, Modified	8237050	11.000	Ea
2110	Fiber Optic, Cable, Single Mode Fiber, 12F	8260047	8,540.000	Ft
2120	Fiber Optic, Hardware Assembly, Medium	8260066	3.000	Ea
2130	Fiber Optic, Pigtail	8260071	96.000	Ea
2140	Fiber Optic, Jumper	8260072	16.000	Ea
2150	_ Cable, Fiber Optic, Fusion Splice, 12F	8267050	2.000	Ea
2160	_ Digital Video Encoder, H.264, 4 Channel	8267050	2.000	Ea
2170	_ Managed Field Ethernet Switch, Layer 2, Gigabit, Modified	8267050	3.000	Ea
2180	_ Landscpae Wall, Decorative Stone	8507001	35.000	Ft
2190	_ Automated Irrigation System	8507051	1.000	LSUM

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 051 **Letting Date:** February 5, 2021 **Contract ID:** 61000-206093

Description: Epoxy overlay, concrete patching, concrete surface coatings, riprap and approach work on Airline Road over Black Creek in the city of Norton Shores, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206093A	21A0131	N/A	BHT 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $19,300.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	100.000	Ft
0030	Guardrail, Curved, Type B	8070010	13.000	Ft
0040	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0050	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0060	Guardrail Anch, Bridge, Det M3	8070132	2.000	Ea
0070	Sign, Type III, Rem	8100403	2.000	Ea
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0120	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0130	Sign Cover	8120310	5.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0170	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0180	Mulch Blanket	8160027	100.000	Syd
0190	_ Slope Restoration	8167011	100.000	Syd
Section: 2				
0200	False Decking	7060060	600.000	Sft
0210	Reinforcement, Steel, Epoxy Coated	7060092	100.000	Lb
0220	Conc Surface Coating (SN 7702)	7100010	1.000	LSUM
0230	_ Structure Name Plate, Reinstall	7117050	1.000	Ea
0240	_ Structure Name Plate, Remove and Salvage	7117050	1.000	Ea
0250	Hand Chipping, Other Than Deck	7120007	150.000	Cft

0260	Patch, Forming	7120017	200.000	Sft
0270	Epoxy Ovly	7120020	266.000	Syd
0280	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	20.000	Ea
0290	Embedded Galvanic Anode	7120120	50.000	Ea
0300	_ Patching Conc, F-L, Mod	7127020	75.000	Cft
0310	_ Patching Conc, M, Mod	7127020	75.000	Cft
0320	Riprap, Heavy	8130006	20.000	Ton

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 052 **Letting Date:** February 5, 2021 **Contract ID:** 62000-206096

Description: Bridge reconstruction with 42 inch by 49 inch prestressed concrete bulb tee beams, deck replacement with prestressed concrete beam, substructure repairs and approach work on Newcosta Avenue (County Line Road) over Little Muskegon River and Tamarack Creek, Newaygo and Montcalm Counties. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206096A	21A0188	N/A	BHT 62000
206099A	21A0204	N/A	BRT 59000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $179,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	_ Clearing, Modified	2017002	8.000	Sta
0040	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	16.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0080	Dr Structure, Rem	2030011	1.000	Ea
0090	Curb and Gutter, Rem	2040020	40.000	Ft
0100	Fence, Rem	2040025	300.000	Ft
0110	Guardrail, Rem	2040035	892.000	Ft
0120	Embankment, CIP	2050010	527.000	Cyd
0130	Excavation, Earth	2050016	1,761.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0160	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0170	_ Erosion Control, Silt Fence, Wildlife-Friendly	2087001	300.000	Ft
0180	Subbase, CIP	3010002	1,407.000	Cyd
0190	Aggregate Base	3020001	148.000	Ton
0200	Aggregate Base, 8 inch	3020020	3,812.000	Syd
0210	Aggregate Surface Cse	3060006	117.000	Ton
0220	Shoulder, Cl II	3070121	129.000	Ton
0230	Shoulder, Cl II, 6 inch	3070128	25.000	Syd
0240	Culv, Cl F, 18 inch	4010609	94.000	Ft
0250	Underdrain, Subbase, 6 inch	4040063	570.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	20.000	Ft

0270	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0280	Cold Milling HMA Surface	5010002	150.000	Syd
0290	HMA Surface, Rem	5010005	3,233.000	Syd
0300	HMA, 13A	5010033	392.000	Ton
0310	HMA, 5E1	5010056	374.000	Ton
0320	_ HMA Spillway	5017011	42.000	Syd
0330	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	3.000	Syd
0340	Conc Pavt, Bridge Approach, Reinf	6020600	86.000	Syd
0350	Curb and Gutter, Conc, Det B2	8020016	120.000	Ft
0360	_ Curb and Gutter, Bridge Approach, Special	8027001	100.000	Ft
0370	Guardrail, Type B	8070000	213.000	Ft
0380	Guardrail, Type MGS-8	8070004	263.000	Ft
0390	Guardrail, Backed, Det G1	8070015	4.000	Ea
0400	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
0410	Guardrail Anch, Bridge, Det T5	8070026	2.000	Ea
0420	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0430	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0440	Guardrail Reflector	8070080	52.000	Ea
0450	Post, Mailbox	8070095	1.000	Ea
0460	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0470	Fence, Woven Wire with Wood Post	8080001	300.000	Ft
0480	Delineator, Rem	8100349	2.000	Ea
0490	Sign, Type III, Rem	8100403	2.000	Ea
0500	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,550.000	Ft
0510	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,550.000	Ft
0520	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,000.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,000.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,000.000	Ft
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0570	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0580	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0590	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0600	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0610	Minor Traf Devices	8120170	1.000	LSUM
0620	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0630	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0640	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0650	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	578.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	578.000	Sft
0680	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	153.000	Sft
0690	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	153.000	Sft

0700	Traf Regulator Control	8120370	1.000	LSUM
0710	Riprap, Plain	8130011	58.000	Ton
0720	_ Riprap, Heavy, Modified	8137031	786.000	Ton
0730	_ Mulch Blanket, Wildlife-Friendly	8167011	500.000	Syd
0740	_ Slope Restoration	8167011	500.000	Syd
0750	_ Slope Restoration, Type C, Modified	8167011	1,410.000	Syd

Section: 2

0760	Structures, Rem (SN 13222)	2040060	1.000	LSUM
0770	Backfill, Structure, CIP	2060002	299.000	Cyd
0780	Excavation, Fdn	2060010	822.000	Cyd
0790	Erosion Control, Filter Bag	2080014	4.000	Ea
0800	Erosion Control, Turbidity Curtain, Shallow	2080044	600.000	Ft
0810	Underdrain, Fdn, 4 inch	4040031	265.000	Ft
0820	Underdrain Outlet, 4 inch	4040091	50.000	Ft
0830	Underdrain, Outlet Ending, 4 inch	4040111	5.000	Ea
0840	Joint, Expansion, E3	6020208	32.000	Ft
0850	Cofferdams (SN 13222)	7040007	1.000	LSUM
0860	Pile Driving Equipment, Furn (SN 13222)	7050002	1.000	LSUM
0870	Pile, Steel, Furn and Driven, 12 inch	7050030	1,595.000	Ft
0880	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0890	Pile, Steel, Splice	7050050	32.000	Ea
0900	Bridge Ltg, Furn and Rem (SN 13222)	7060001	1.000	LSUM
0910	Bridge Ltg, Furn and Rem (SN 7733)	7060001	1.000	LSUM
0920	Bridge Ltg, Oper and Maintain	7060002	293.000	Cyd
0930	Conc, Grade T	7060013	76.000	Cyd
0940	Expansion Joint Device	7060050	76.000	Ft
0950	False Decking	7060060	12,438.000	Sft
0960	Reinforcement, Steel, Epoxy Coated	7060092	74,219.000	Lb
0970	Substructure Conc	7060100	159.000	Cyd
0980	Superstructure Conc	7060110	65.000	Cyd
0990	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
1000	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 13222)	7060112	1.000	LSUM
1010	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 7733)	7060112	1.000	LSUM
1020	Superstructure Conc, Night Casting	7060113	293.000	Cyd
1030	_ Structure Name Plate	7067050	2.000	Ea
1040	_ False Decking, Special	7067051	1.000	LSUM
1050	Bearing, Elastomeric, 2 inch	7070016	2,880.000	Sin
1060	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	3,580.000	Lb
1070	Steel Diaphragm, Prest Conc Beam, Erect	7070054	3,580.000	Lb
1080	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	362.000	Ft
1090	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	362.000	Ft
1100	Joint Waterproofing	7100001	337.000	Sft

1110	Conc Surface Coating (SN 7733)	7100010	1.000	LSUM
1120	_ Silane Treatment	7107010	1,560.000	Sft
1130	Bridge Railing, Aesthetic Parapet Tube	7110005	472.000	Ft
1140	Hand Chipping, Other Than Deck	7120007	120.000	Cft
1150	Patch, Forming	7120017	150.000	Sft
1160	Structures, Rehabilitation, Rem Portions (SN 7733)	7120070	1.000	LSUM
1170	Structural Crack, Repr	7120099	1,050.000	Ft
1180	Embedded Galvanic Anode	7120120	35.000	Ea
1190	_ Patching Conc, C-L, Mod	7127020	70.000	Cft
1200	_ Patching Conc, M, Mod	7127020	50.000	Cft
1210	_ Type III Beam, Temporary Support	7127050	4.000	Ea
1220	_ CIP Conc Pile Shells, Clean and Coat	7157051	1.000	LSUM
1230	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	468.000	Ft
1240	Riprap, Plain	8130011	100.000	Ton

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 053 **Letting Date:** February 5, 2021 **Contract ID:** 63000-210608

Description: Installation of permanent bicycle route wayfinding signage and pavement markings along Lathrup Boulevard in the village of Lathrup Village, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210608A	21A0145	N/A	TAU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $7,280.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	15.000	Cyd
0030	Aggregate Base, 6 inch	3020016	48.000	Syd
0040	Sidewalk, Conc, 6 inch	8030046	425.000	Sft
0050	Post, Steel, 3 lb	8100371	1,170.000	Ft
0060	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0070	Sign, Type III, Rem	8100403	3.000	Ea
0080	Sign, Type IIIA	8100404	401.000	Sft
0090	Sign, Type IIIB	8100405	19.000	Sft
0100	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	240.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	72.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	165.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	165.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Mulch Blanket	8160027	30.000	Syd
0190	Seeding, Mixture THM	8160039	2.000	Lb
0200	_ Topsoil Surface, Furn, 2 inch, Modified	8167011	30.000	Syd
0210	_ Bike Loop	8507050	4.000	Ea
0220	_ Bike Repair Station	8507050	2.000	Ea

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 054 **Letting Date:** February 5, 2021 **Contract ID:** 80000-206739

Description: 0.51 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb, gutter, sidewalk and ramps and pavement markings on East Arlington Street from Center Street to East Monroe Street (M-43), Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206739A	21A0071	N/A	STL 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $33,800.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Curb and Gutter, Rem	2040020	520.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0050	Sidewalk, Rem	2040055	175.000	Syd
0060	_ Pavt, Rem, Modified	2047011	100.000	Syd
0070	Excavation, Earth	2050016	100.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0100	_ Aggregate Base, 8 inch, Modified	3027011	100.000	Syd
0110	HMA Base Crushing and Shaping	3050002	8,300.000	Syd
0120	Material, Surplus and Unsuitable, Rem, LM	3050010	1,500.000	Cyd
0130	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0140	Dr Structure Cover, Type B	4030010	1.000	Ea
0150	Dr Structure Cover, Type Q	4030065	9.000	Ea
0160	Dr Structure, Temp Lowering	4030390	10.000	Ea
0170	HMA, LVSP	5010703	1,850.000	Ton
0180	Curb and Gutter, Conc, Det C4	8020023	405.000	Ft
0190	Detectable Warning Surface	8030010	85.000	Ft
0200	Curb Ramp Opening, Conc	8030030	110.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	525.000	Sft
0220	Sidewalk, Conc, 4 inch	8030044	920.000	Sft
0230	Post, Steel, 3 lb	8100371	400.000	Ft
0240	Sign, Type IA	8100392	20.000	Sft
0250	Sign, Type IIA	8100398	10.000	Sft
0260	Sign, Type III, Rem	8100403	25.000	Ea
0270	Sign, Type IIIA	8100404	80.000	Sft

0280	Sign, Type IIIB	8100405	40.000	Sft
0290	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0300	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	390.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	80.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,750.000	Ft
0340	Pavt Mrkg, Thermopl, Rumble Strip	8110470	600.000	Ft
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0370	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	65.000	Ea
0390	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	65.000	Ea
0400	Dust Palliative, Applied	8120100	10.000	Ton
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0430	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0440	Sign Cover	8120310	5.000	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	504.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	504.000	Sft
0490	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	90.000	Sft
0500	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	90.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	Slope Restoration, Type B	8160101	475.000	Syd
0530	Gate Box, Adj, Temp, Case 1	8230391	10.000	Ea
0540	Gate Box, Adj, Case 1	8230431	1.000	Ea
0550	_ Gate Valve and Box, 8 inch, Cut-In	8237050	3.000	Ea
0560	_ Water Valve Box	8267050	10.000	Ea

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 055 **Letting Date:** February 5, 2021 **Contract ID:** 17000-200929

Description: 0.70 mi of hot mix asphalt shared use path, concrete curb, gutter and ramps, earthwork, storm sewer and slope restoration along Sheridan Drive from Portage Avenue to Ashmun Street in the city of Sault Ste. Marie, Chippewa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200929A	21A0115	N/A	TAUL 17000

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	Stump, Rem, 6 inch to 18 inch	2020008	10.000	Ea
0030	Curb, Rem	2040021	160.000	Ft
0040	Fence, Rem	2040025	400.000	Ft
0050	Guardrail, Rem	2040035	506.000	Ft
0060	Pavt, Rem	2040050	317.000	Syd
0070	Sidewalk, Rem	2040055	50.000	Syd
0080	Track, Rem	2040065	2,048.000	Ft
0090	Embankment, CIP	2050010	94.000	Cyd
0100	Excavation, Earth	2050016	14.000	Cyd
0110	Erosion Control, Silt Fence	2080036	3,546.000	Ft
0120	_ Aggregate Base, 4 Inch, 21-AA, Modified	3027011	123.000	Syd
0130	Sewer, Cl IV, 12 inch, Tr Det B	4020987	60.000	Ft
0140	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0150	Dr Structure Cover, Type G	4030040	1.000	Ea
0160	Dr Structure, 24 inch dia	4030200	1.000	Ea
0170	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0180	HMA Surface, Rem	5010005	20.000	Syd
0190	Hand Patching	5010025	1.000	Ton
0200	HMA Approach	5010061	65.000	Ton
0210	Curb and Gutter, Conc, Det C4	8020023	100.000	Ft
0220	Spillway, Conc Detail 1	8020075	15.000	Ft
0230	Detectable Warning Surface	8030010	70.000	Ft
0240	Curb Ramp Opening, Conc	8030030	60.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	300.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	850.000	Sft
0270	Curb Sloped, HMA	8050010	95.000	Ft

0280	Shared use Path, Aggregate, LM	8060011	1,123.000	Cyd
0290	Shared use Path, Grading	8060030	3,515.000	Ft
0300	Shared use Path, HMA	8060040	500.000	Ton
0310	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0320	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0330	Post, Wood Guard	8070085	90.000	Ea
0340	Fence, Chain Link, 72 inch	8080013	400.000	Ft
0350	Fence Gate, 4 foot, for 72 inch Chain Link Fence	8080023	2.000	Ea
0360	Post, Steel, 2 lb	8100370	120.000	Ft
0370	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0380	Sign, Type IIIA	8100404	16.000	Sft
0390	Sign, Type IIIB	8100405	36.000	Sft
0400	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Wet Reflective, White	8110383	230.000	Ft
0410	Recessing Pavt Mrkg, Transv	8110451	230.000	Sft
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0440	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0490	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	304.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	304.000	Sft
0520	_ Bench	8157050	3.000	Ea
0530	_ Bike Rack	8157050	1.000	Ea
0540	_ Litter Container	8157050	3.000	Ea
0550	Gate Box, Adj, Case 1	8230431	1.000	Ea

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 056 **Letting Date:** February 5, 2021 **Contract ID:** 25000-209802

Description: Bridge rehabilitation includes replacing deck and abutment, clean and coat structural steel, riprap and approach work on Bristol Road over West Branch Swartz Creek, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209802A	21A0165	N/A	BHT 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $100,300.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	5.000	Sta
0030	Dr Structure, Rem	2030011	4.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	128.000	Ft
0050	Guardrail, Rem	2040035	965.000	Ft
0060	_ Pavt, Rem, Modified	2047011	2,643.000	Syd
0070	Embankment, CIP	2050010	143.000	Cyd
0080	Excavation, Earth	2050016	1,536.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0100	Erosion Control, Silt Fence	2080036	970.000	Ft
0110	_ Aggregate Base, Modified	3027031	2,013.000	Ton
0120	Geotextile, Separator	3080005	2,721.000	Syd
0130	Culv End Sect, 12 inch	4010012	1.000	Ea
0140	Culv End Sect, 18 inch	4010018	1.000	Ea
0150	Sewer, Cl A, 12 inch, Tr Det A	4020004	17.000	Ft
0160	Sewer, Cl A, 18 inch, Tr Det A	4020006	43.000	Ft
0170	Sewer, Cl A, 12 inch, Tr Det B	4020033	74.000	Ft
0180	Sewer, Cl A, 18 inch, Tr Det B	4020035	32.000	Ft
0190	Sewer, Cl E, 12 inch, Tr Det B	4020600	62.000	Ft
0200	Dr Structure Cover, Type B	4030010	1.000	Ea
0210	Dr Structure Cover, Type K	4030050	4.000	Ea
0220	Dr Structure, 48 inch dia	4030210	5.000	Ea
0230	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	5.000	Ft
0240	Underdrain, Fdn, 8 inch	4040035	135.000	Ft
0250	Underdrain, Subbase, 6 inch	4040063	680.000	Ft
0260	Cold Milling HMA Surface	5010002	510.000	Syd
0270	Conc Pavt, Nonreinf, 10 inch	6020108	2,191.000	Syd

0280	Joint, Contraction, Cp	6020200	1,013.000	Ft
0290	Joint, Expansion, E2	6020207	446.000	Ft
0300	Joint, Expansion, E3	6020208	133.000	Ft
0310	Curb and Gutter, Conc, Det F3	8020037	638.000	Ft
0320	Curb and Gutter, Conc, Det F4	8020038	21.000	Ft
0330	_ Curb and Gutter, Bridge Approach, Modified	8027001	60.000	Ft
0340	Guardrail, Type MGS-8	8070004	388.000	Ft
0350	Guardrail, Curved, Type MGS-8	8070012	50.000	Ft
0360	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0370	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0380	Guardrail Reflector	8070080	32.000	Ea
0390	Guardrail Anch, Bridge, Det M1	8070130	3.000	Ea
0400	_ Guardrail Anch, Bridge, Det M1, Modified	8077050	1.000	Ea
0410	_ Hand Digging Guardrail Post	8077050	2.000	Ea
0420	Post, Steel, 3 lb	8100371	17.000	Ft
0430	Sign, Type III, Rem	8100403	4.000	Ea
0440	Sign, Type IIIB	8100405	8.000	Sft
0450	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	85.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	24.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,117.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,125.000	Ft
0510	Pavt Mrkg, Waterborne, 6 inch, White	8110233	350.000	Ft
0520	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	8,242.000	Ft
0530	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	350.000	Ft
0540	Rem Spec Mrkg	8110343	128.000	Sft
0550	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0580	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0590	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0600	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0610	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0620	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	1.000	Ea
0630	Conc Barrier Reflector Replacement	8120070	12.000	Ea
0640	Conc Barrier, Temp, Furn	8120081	675.000	Ft
0650	Conc Barrier, Temp, Oper	8120082	675.000	Ft
0660	Conc Barrier, Temp, Relocated	8120083	575.000	Ft
0670	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0680	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0700	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,000.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	8,200.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	11,200.000	Ft
0750	Plastic Drum, Fluorescent, Furn	8120252	235.000	Ea
0760	Plastic Drum, Fluorescent, Oper	8120253	235.000	Ea
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0780	Sign Cover	8120310	6.000	Ea
0790	Sign Cover, Type 1	8120320	3.000	Ea
0800	Sign, Type B, Temp, Prismatic, Furn	8120350	832.000	Sft
0810	Sign, Type B, Temp, Prismatic, Oper	8120351	832.000	Sft
0820	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	181.000	Sft
0830	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	181.000	Sft
0840	_ Riprap, Plain, Modified	8137011	37.000	Syd
0850	_ Turf Establishment, Performance-No Rye, Special	8167011	2,000.000	Syd

Section: 2

0860	Backfill, Structure, CIP	2060002	240.000	Cyd
0870	Excavation, Fdn	2060010	240.000	Cyd
0880	Erosion Control, Turbidity Curtain, Shallow	2080044	50.000	Ft
0890	Underdrain, Fdn, 4 inch	4040031	97.000	Ft
0900	Underdrain, Fdn, 6 inch	4040033	305.000	Ft
0910	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0920	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0930	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0940	Bridge Ltg, Oper and Maintain	7060002	172.000	Cyd
0950	Expansion Joint Device	7060050	65.000	Ft
0960	False Decking	7060060	5,118.000	Sft
0970	Reinforcement, Steel, Epoxy Coated	7060092	37,090.000	Lb
0980	Substructure Conc	7060100	29.000	Cyd
0990	Superstructure Conc	7060110	31.000	Cyd
1000	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
1010	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
1020	Superstructure Conc, Night Casting	7060113	172.000	Cyd
1030	_ Structure Name Plate	7067050	1.000	Ea
1040	Shear Developers	7070040	1.000	LSUM
1050	Structural Steel, Mixed, Erect	7070050	8,043.000	Lb
1060	Structural Steel, Mixed, Furn and Fab	7070051	8,043.000	Lb
1070	_ Bearing, Elastomeric, 1 1/8 inch	7077008	2,926.000	Sin
1080	Joint Waterproofing	7100001	896.000	Sft
1090	Joint Waterproofing, Expansion	7100003	103.000	Sft
1100	Conc Surface Coating	7100011	427.000	Syd

1110	_ Silane Treatment	7107010	845.000	Sft
1120	Bridge Barrier Railing, Type 6	7110011	80.000	Ft
1130	Epoxy Ovly	7120020	285.000	Syd
1140	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	588.000	Ea
1150	Reinforcement, Mechanical Splice	7120084	229.000	Ea
1160	_ Structures, Rehabilitation, Rem Portions, Modified	7127051	1.000	LSUM
1170	Beam Plate, Seal Perimeter	7130010	392.000	Ft
1180	Steel Structure, Cleaning, Type 4	7150045	1.000	LSUM
1190	Steel Structure, Coating, Type 4	7150046	1.000	LSUM
1200	Field Repair of Damaged Coating	7160001	1.000	LSUM
1210	_ Riprap, Heavy, Modified	8137011	35.000	Syd

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 057 **Letting Date:** February 5, 2021 **Contract ID:** 39000-211597

Description: 1.75 mi of hot mix asphalt resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, sewer, drainage and pavement markings on G Avenue from Riverview Drive to 24th Street, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211597A	21A0194	N/A	HIPU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $71,400.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Curb and Gutter, Rem	2040020	200.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0050	Sidewalk, Rem	2040055	100.000	Syd
0060	Embankment, CIP	2050010	100.000	Cyd
0070	Excavation, Earth	2050016	75.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0090	Erosion Control, Silt Fence	2080036	500.000	Ft
0100	_ Erosion Control, Inlet Protection, Silt Bag	2087050	14.000	Ea
0110	Subbase, CIP	3010002	300.000	Cyd
0120	_ Aggregate Base, 8 inch, 21AA Modified	3027011	900.000	Syd
0130	Approach, Cl II, CIP	3070022	75.000	Cyd
0140	Shoulder, Cl II	3070121	450.000	Ton
0150	Sewer, Cl E, 12 inch, Tr Det B	4020600	40.000	Ft
0160	Dr Structure Cover, Type B	4030010	2.000	Ea
0170	Dr Structure Cover, Type J	4030045	2.000	Ea
0180	Dr Structure, 24 inch dia	4030200	1.000	Ea
0190	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0200	Dr Structure, Temp Lowering	4030390	22.000	Ea
0210	_ Dr Structure, 72 inch dia, Leaching Basin	4037050	2.000	Ea
0220	_ Sanitary Structure Cover, Adj, Modified	4037050	11.000	Ea
0230	_ Storm Structure Cover, Adj, Modified	4037050	11.000	Ea
0240	Cold Milling HMA Surface	5010002	35,000.000	Syd
0250	HMA Surface, Rem	5010005	260.000	Syd
0260	Hand Patching	5010025	50.000	Ton
0270	HMA Approach	5010061	25.000	Ton

0280	_ HMA Spillway	5017001	50.000	Ft
0290	_ HMA, 36A, Modified	5017031	4,050.000	Ton
0300	_ Seal, Fog	5057011	2,500.000	Syd
0310	Curb and Gutter, Conc, Det B2	8020016	150.000	Ft
0320	Driveway Opening, Conc, Det M	8020050	20.000	Ft
0330	Curb Ramp Opening, Conc	8030030	30.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	750.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	1,720.000	Sft
0360	Sidewalk, Conc, 6 inch	8030046	780.000	Sft
0370	_ Detectable Warning Surface, Modified	8037001	50.000	Ft
0380	Post, Mailbox	8070095	8.000	Ea
0390	Post, Steel, 3 lb	8100371	260.000	Ft
0400	Sign, Type IB	8100393	7.000	Sft
0410	Sign, Type IIB	8100399	16.000	Sft
0420	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0430	Sign, Type III, Rem	8100403	15.000	Ea
0440	Sign, Type IIIB	8100405	100.000	Sft
0450	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	18,500.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,000.000	Ft
0480	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk, White	8117001	65.000	Ft
0490	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	4.000	Ea
0500	_ Pavt Mrkg, Waterborne, Only	8117050	2.000	Ea
0510	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	4.000	Ea
0520	_ Pavt Mrkg, Waterborne, School	8117050	2.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0550	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0560	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0620	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0630	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0660	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0670	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0680	Traf Regulator Control	8120370	1.000	LSUM
0690	Riprap, Plain	8130010	25.000	Syd
0700	_ Turf Establishment	8167011	7,500.000	Syd

0710	Monument Box	8210001	5.000	Ea
0720	Monument Preservation	8210010	5.000	Ea
0730	_ Water Valve Box, Adj	8237050	16.000	Ea

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 058 **Letting Date:** February 5, 2021 **Contract ID:** 09000-209803

Description: Bridge removal and replacement with 27 inch prestressed concrete box beams, guardrail and approach work on Mackinaw Road over Johnson Drain, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209803A	21A0161	N/A	BRT 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $80,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Guardrail, Rem	2040035	208.000	Ft
0040	_ Pavt, Rem, Modified	2047011	611.000	Syd
0050	Embankment, CIP	2050010	698.000	Cyd
0060	Excavation, Earth	2050016	623.000	Cyd
0070	Erosion Control, Silt Fence	2080036	660.000	Ft
0080	Subbase, CIP	3010002	320.000	Cyd
0090	_ Aggregate Base, Modified	3027031	712.000	Ton
0100	Approach, Cl II, 6 inch	3070028	36.000	Syd
0110	_ Shoulder, Cl II, 3 inch, Modified	3077011	200.000	Syd
0120	Culv End Sect, 24 inch	4010024	8.000	Ea
0130	Culv, Cl A, Conc, 24 inch	4010168	549.000	Ft
0140	HMA Approach	5010061	122.000	Ton
0150	_ Curb and Gutter, Bridge Approach, Modified	8027001	108.000	Ft
0160	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0170	Guardrail Reflector	8070080	24.000	Ea
0180	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0190	Sign, Type III, Rem	8100403	4.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	560.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	70.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	560.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	70.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	225.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea

0280	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign Cover	8120310	77.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	632.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	632.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	284.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	284.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Riprap, Plain, Modified	8137011	12.000	Syd
0370	_ Turf Establishment, Performance-No Rye, Special	8167011	974.000	Syd

Section: 2

0380	Structures, Rem	2040060	1.000	LSUM
0390	Aggregate, 6A	2060001	20.000	Cyd
0400	Backfill, Structure, CIP	2060002	1,040.000	Cyd
0410	Excavation, Fdn	2060010	1,274.000	Cyd
0420	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0430	Underdrain, Fdn, 4 inch	4040031	210.000	Ft
0440	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0450	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0460	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0470	Pile, Steel, Furn and Driven, 12 inch	7050030	1,550.000	Ft
0480	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0490	Pile Point, Steel	7050039	34.000	Ea
0500	Pile, Steel, Splice	7050050	34.000	Ea
0510	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0520	Bridge Ltg, Oper and Maintain	7060002	107.000	Cyd
0530	Expansion Joint Device	7060050	36.000	Ft
0540	False Decking	7060060	810.000	Sft
0550	Reinforcement, Steel, Epoxy Coated	7060092	29,165.000	Lb
0560	Substructure Conc	7060100	126.000	Cyd
0570	Superstructure Conc	7060110	12.000	Cyd
0580	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0590	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0600	Superstructure Conc, Night Casting	7060113	107.000	Cyd
0610	_ Structure Name Plate	7067050	1.000	Ea
0620	Bearing, Elastomeric, 1 1/4 inch	7070013	2,520.000	Sin
0630	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	526.000	Lb
0640	Steel Diaphragm, Prest Conc Beam, Erect	7070054	526.000	Lb
0650	Prest Conc Box Beam, Furn, 21 inch	7080061	225.000	Ft
0660	Prest Conc Box Beam, Erect, 21 inch	7080062	225.000	Ft
0670	Joint Waterproofing	7100001	226.000	Sft
0680	Joint Waterproofing, Expansion	7100003	56.000	Sft
0690	_ Silane Treatment	7107010	875.000	Sft

0700	Bridge Railing, Aesthetic Parapet Tube	7110005	90.000	Ft
0710	_ Riprap, Heavy, Modified	8137011	316.000	Syd

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 059 **Letting Date:** February 5, 2021 **Contract ID:** 80000-208964

Description: 0.38 mi of roadway reconstruction including hot mix asphalt cold milling and resurfacing, concrete curb and gutter, storm and sanitary sewer, water main, signing, slope restoration and pavement markings on Prospect Street from Marion Avenue to North Center Street in the city of Hartford, Van Buren County. This is Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208964A	21A0202	N/A	STUL 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $59,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	435.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	50.000	Cyd
0060	Excavation, Earth	2050016	1,300.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0080	_ Machine Grading, Modified	2057002	11.000	Sta
0090	Erosion Control, Silt Fence	2080036	500.000	Ft
0100	_ Aggregate Base, 6 inch, Modified	3027011	70.000	Syd
0110	_ Aggregate Base, 8 inch, Modified	3027011	4,430.000	Syd
0120	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0130	Sewer, Cl E, 12 inch, Tr Det B	4020600	425.000	Ft
0140	Sewer, Cl E, 18 inch, Tr Det B	4020602	785.000	Ft
0150	Video Taping Sewer and Culv Pipe	4021275	1,210.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0170	Dr Structure Cover, Type B	4030010	5.000	Ea
0180	Dr Structure Cover, Type G	4030040	2.000	Ea
0190	Dr Structure Cover, Type K	4030050	7.000	Ea
0200	Dr Structure Cover, Type Q	4030065	4.000	Ea
0210	Dr Structure, 24 inch dia	4030200	6.000	Ea
0220	Dr Structure, 48 inch dia	4030210	5.000	Ea
0230	_ Dr Structure, Leaching Basin, 48 inch dia	4037050	2.000	Ea
0240	Cold Milling HMA Surface	5010002	2,925.000	Syd
0250	HMA Surface, Rem	5010005	3,155.000	Syd
0260	Hand Patching	5010025	50.000	Ton
0270	HMA Approach	5010061	15.000	Ton

0280	HMA, LVSP	5010703	1,065.000	Ton
0290	Cement	6030005	2.000	Ton
0300	Driveway, Nonreinf Conc, 6 inch	8010005	440.000	Syd
0310	Curb and Gutter, Conc, Det C4	8020023	2,015.000	Ft
0320	Post, Mailbox	8070095	9.000	Ea
0330	Fence, Chain Link, 72 inch	8080013	400.000	Ft
0340	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	1.000	Ea
0350	Post, Steel, 3 lb	8100371	150.000	Ft
0360	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0370	Sign, Type II, Rem	8100397	2.000	Ea
0380	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0390	Sign, Type III, Rem	8100403	14.000	Ea
0400	Sign, Type IIIA	8100404	50.000	Sft
0410	Sign, Type IIIB	8100405	35.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	75.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0440	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,450.000	Ft
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0470	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0480	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0490	Dust Palliative, Applied	8120100	10.000	Ton
0500	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	1,360.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	1,360.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	Riprap, Plain	8130010	60.000	Syd
0570	Slope Restoration, Type A	8160100	3,985.000	Syd
0580	Slope Restoration, Type D	8160103	300.000	Syd
0590	Gate Valve and Box, 6 inch	8230051	1.000	Ea
0600	Gate Valve and Box, 8 inch	8230052	4.000	Ea
0610	Gate Box, Adj, Case 1	8230431	3.000	Ea
0620	_ Copper Water Service Pipe, 1 inch	8237001	40.000	Ft
0630	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	15.000	Ft
0640	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	45.000	Ft
0650	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	585.000	Ft
0660	_ Bend, 4"	8237050	2.000	Ea
0670	_ Bend, 6"	8237050	4.000	Ea
0680	_ Bend, 8"	8237050	2.000	Ea
0690	_ Connect to Existing Main, 4 inch	8237050	1.000	Ea
0700	_ Connect to Existing Main, 6 inch	8237050	2.000	Ea

0710	_ Connect to Existing Main, 8 inch	8237050	1.000	Ea
0720	_ Reducer, 6"x4"	8237050	1.000	Ea
0730	_ Reducer, 8"x6"	8237050	2.000	Ea
0740	_ Tee, 8"x6"	8237050	1.000	Ea
0750	_ Tee, 8"x8"	8237050	1.000	Ea
0760	_ Water Service, 1 inch	8237050	5.000	Ea
0770	_ San Sewer, 10 inch	8507001	435.000	Ft
0780	_ Sewer Service Pipe, 6 inch	8507001	80.000	Ft
0790	_ Connect to Existing Sanitary Manhole, 10 inch	8507050	2.000	Ea
0800	_ Sewer Service	8507050	2.000	Ea
0810	_ Railroad Protection, at Railroad Crossing	8507060	14,000.000	Dlr

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 060 **Letting Date:** February 5, 2021 **Contract ID:** 48555-130399

Description: 0.04 mi of hot mix asphalt resurfacing, aluminum box culverts, earthwork and pavement markings on County Road 407 at Little Dawson Creek, Luce County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130399A	21A0100	N/A	STL 48555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $33,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Over 48 inch	2030003	2.000	Ea
0030	Guardrail, Rem	2040035	572.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	20.000	Cyd
0050	Backfill, Swamp	2050001	216.000	Cyd
0060	Excavation, Channel	2050015	83.000	Cyd
0070	Excavation, Earth	2050016	660.000	Cyd
0080	Excavation, Peat	2050017	216.000	Cyd
0090	Backfill, Structure, CIP	2060002	680.000	Cyd
0100	Erosion Control, Filter Bag	2080014	2.000	Ea
0110	Erosion Control, Silt Fence	2080036	400.000	Ft
0120	Aggregate Base	3020001	302.000	Ton
0130	Shoulder, Cl II, 3 inch	3070125	38.000	Syd
0140	Geotextile, Separator	3080005	260.000	Syd
0150	Culv Bedding, Box Culv	4060005	44.000	Cyd
0160	_ Culv, Aluminum Multi-Plate Box, 16 foot 4 inch by 5 foot 11 inch	4067001	41.000	Ft
0170	HMA Surface, Rem	5010005	518.000	Syd
0180	HMA, LVSP	5010703	110.000	Ton
0190	Steel Sheet Piling, Temp	7040002	200.000	Sft
0200	Steel Sheet Piling, Temp, Left in Place	7040003	800.000	Sft
0210	Cofferdams	7040007	1.000	LSUM
0220	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0230	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0240	Guardrail Reflector	8070080	30.000	Ea
0250	_ Guardrail Long Span, Detail B-25	8077050	2.000	Ea
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	400.000	Ft
0270	Pavt Mrkg, Waterborne, 6 inch, White	8110233	400.000	Ft

0280	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0290	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0300	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0350	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0360	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	339.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	339.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	70.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	70.000	Sft
0410	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	180.000	Ft
0420	Conc Barrier, Temp, Limited Deflection, Det 2, Relocated	8121103	180.000	Ft
0430	_ Pedestal Mtd, TS System, Portable, Temp	8127050	2.000	Ea
0440	Riprap, Plain	8130011	115.000	Ton
0450	_ Slope Restoration, Special	8167011	350.000	Syd

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 061 **Letting Date:** February 5, 2021 **Contract ID:** 09000-209805

Description: Bridge removal and replacement with precast concrete 22' x 7' culvert, guardrail and approach work on Garfield Road over the south branch of the Pinconning River, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209805A	21A0159	N/A	BRT 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $49,800.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	4.000	Sta
0030	Guardrail, Rem	2040035	210.000	Ft
0040	_ Pavt, Rem, Modified	2047011	657.000	Syd
0050	Embankment, CIP	2050010	376.000	Cyd
0060	Excavation, Earth	2050016	547.000	Cyd
0070	Erosion Control, Silt Fence	2080036	780.000	Ft
0080	Subbase, CIP	3010002	400.000	Cyd
0090	_ Aggregate Base, 7 inch, Modified	3027011	1,100.000	Syd
0100	_ Shoulder, Cl II, 3 inch, Modified	3027011	202.000	Syd
0110	Culv End Sect, 24 inch	4010024	4.000	Ea
0120	Culv, Cl A, Conc, 24 inch	4010168	274.000	Ft
0130	HMA Approach	5010061	155.000	Ton
0140	Guardrail, Type MGS-8	8070004	275.000	Ft
0150	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0160	Guardrail Post, Culv	8070070	8.000	Ea
0170	Guardrail Reflector	8070080	20.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	500.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	63.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	500.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	63.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign Cover	8120310	33.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	337.000	Sft

0270	Sign, Type B, Temp, Prismatic, Oper	8120351	337.000	Sft
0280	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	243.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	243.000	Sft
0300	_ Turf Establishment, Performance-No Rye, Special	8167011	1,164.000	Syd

Section: 2

0310	Structures, Rem	2040060	1.000	LSUM
0320	Excavation, Channel	2050015	44.000	Cyd
0330	Backfill, Structure, CIP	2060002	327.000	Cyd
0340	Excavation, Fdn	2060010	458.000	Cyd
0350	Erosion Control, Filter Bag	2080014	1.000	Ea
0360	_ Bypass Pumping	2087050	1.000	Ea
0370	_ Construction Dam	2087050	1.000	Ea
0380	Underdrain, Fdn, 4 inch	4040031	134.000	Ft
0390	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0400	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0410	Culv Bedding, Box Culv	4060005	45.000	Cyd
0420	_ Culv, Precast Conc Box, 22 foot by 7 foot	4067001	45.000	Ft
0430	False Decking	7060060	715.000	Sft
0440	Reinforcement, Steel, Epoxy Coated	7060092	181.000	Lb
0450	Substructure Conc	7060100	3.000	Cyd
0460	Joint Waterproofing	7100001	225.000	Sft
0470	Membrane, Preformed Waterproofing	7100008	1,315.000	Sft
0480	Riprap, Plain	8130010	74.000	Syd
0490	Flowable Fill, Non-Structural	8260148	32.000	Cyd

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 062 **Letting Date:** February 5, 2021 **Contract ID:** 82000-208961

Description: 0.30 mi of hot mix asphalt and concrete shared use path, barrier wall, drainage and guardrail along Huron River Drive and Goddard Road from I-275 Metro Trail to Hunt Street in the city of Romulus, Wayne County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208961A	21A0143	N/A	TAU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $42,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 37 inch or Larger	2020003	4.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	231.000	Ft
0040	Curb and Gutter, Rem	2040020	20.000	Ft
0050	Sidewalk, Rem	2040055	60.000	Syd
0060	_ Pavt, Rem, Modified	2047011	331.000	Syd
0070	_ Subgrade Undercutting, Type II, Modified	2057021	50.000	Cyd
0080	_ Exploratory Excavation	2057050	5.000	Ea
0090	_ Aggregate, 6A, Modified	2067021	350.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0110	Erosion Control, Silt Fence	2080036	500.000	Ft
0120	_ Aggregate Base, 6 inch, Modified	3027011	2,631.000	Syd
0130	_ Maintenance Gravel, LM. Special	3067031	50.000	Ton
0140	_ Shoulder, Cl II, 4 inch, Modfied	3077011	937.000	Syd
0150	Geotextile, Separator	3080005	1,713.000	Syd
0160	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0170	Sewer, Cl E, 18 inch, Tr Det B	4020602	23.000	Ft
0180	Sewer Tap, 18 inch	4021206	1.000	Ea
0190	_ Sewer, Perforated, 12 inch	4027001	601.000	Ft
0200	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0210	Dr Structure Cover, Type B	4030010	3.000	Ea
0220	Dr Structure Cover, Type E	4030035	3.000	Ea
0230	Dr Structure, 24 inch dia	4030200	1.000	Ea
0240	Dr Structure, 48 inch dia	4030210	5.000	Ea
0250	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0260	_ Sanitary Sewer Cover, Adj, Case 1	4037050	2.000	Ea
0270	_ Sanitary Sewer Cover, Adj, Case 2	4037050	4.000	Ea

0280	Underdrain, Fdn, 6 inch	4040033	410.000	Ft
0290	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0300	HMA Approach	5010061	118.000	Ton
0310	Lane Tie, Epoxy Anchored	6030030	4.000	Ea
0320	Reflective Marker, Permanent Barrier	7110003	7.000	Ea
0330	Detectable Warning Surface	8030010	61.000	Ft
0340	Curb Ramp Opening, Conc	8030030	20.000	Ft
0350	Sidewalk Ramp, Conc, 6 inch	8030036	542.000	Sft
0360	Conc Barrier, Single Face, Type B	8040002	328.000	Ft
0370	Shared use Path, Conc	8060020	446.000	Syd
0380	Shared use Path, HMA	8060040	297.000	Ton
0390	_ Shared Use Path, Grading, Modified	8067001	1,552.000	Ft
0400	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0410	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0420	_ Timber Rub Rail	8077001	108.000	Ft
0430	_ Fence, Chain Link, 48 inch, Vinyl Coated	8087001	324.000	Ft
0440	Post, Steel, 3 lb	8100371	102.000	Ft
0450	Sign, Type IIB	8100399	24.000	Sft
0460	Sign, Type IIIA	8100404	22.000	Sft
0470	Sign, Type IIIB	8100405	6.000	Sft
0480	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	125.000	Ft
0490	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	23.000	Ft
0500	Pavt Mrkg, Polyurea, Sharrow Symbol	8110115	34.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0530	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
0540	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea
0550	Lighted Arrow, Type B, Furn	8120130	1.000	Ea
0560	Lighted Arrow, Type B, Oper	8120131	1.000	Ea
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	16.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Riprap, Plain, LM	8130012	185.000	Cyd
0620	_ Turf Establishment, Performance, Modified	8167011	1,508.000	Syd

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 063 **Letting Date:** February 5, 2021 **Contract ID:** 72000-206569

Description: 5.11 mi of ultra-thin hot mix asphalt overlay, aggregate shoulders and pavement markings on West Higgins Lake Drive from Hillcrest Road east to Marl Lake Road, Roscommon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206569A	21A0112	N/A	STL 72000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $41,400.00	1500001	1.000	LSUM
0020	Embankment, LM	2050011	100.000	Cyd
0030	Maintenance Gravel	3060020	5.000	Ton
0040	Shoulder, Cl II	3070121	655.000	Ton
0050	_ HMA, Ultra-Thin, Medium Volume	5047031	4,302.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	51,680.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	40,315.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	51,680.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	40,315.000	Ft
0100	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	390.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	390.000	Ea
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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,072.000	Ft
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	312.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	312.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0190	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0210	_ Slope Restoration, Modified	8167011	1,184.000	Syd

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 064 **Letting Date:** February 5, 2021 **Contract ID:** 21000-207727

Description: Bridge rehabilitation includes concrete deck patching, cleaning and coating structural steel and approach work on I Road (County Road 533) over Ford River, Delta County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207727A	21A0163	N/A	BHT 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $39,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	442.000	Ft
0030	Excavation, Earth	2050016	360.000	Cyd
0040	Erosion Control, Silt Fence	2080036	530.000	Ft
0050	Aggregate Base	3020001	110.000	Ton
0060	Aggregate Base, 8 inch	3020020	1,200.000	Syd
0070	Shoulder, Cl II	3070121	50.000	Ton
0080	HMA, LVSP	5010703	210.000	Ton
0090	Bridge Railing, Thrie Beam Retrofit	7110006	6.000	Ft
0100	Guardrail, Type MGS-8	8070004	175.000	Ft
0110	Guardrail, Curved, Type B	8070010	25.000	Ft
0120	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0130	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0140	Guardrail, Salv	8070075	20.000	Ft
0150	Guardrail Anch, Bridge, Det A3	8070150	3.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	800.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	800.000	Ft
0180	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0190	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	318.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	318.000	Sft
0230	_ Slope Restoration, Modified	8167011	360.000	Syd
Section: 2				
0240	Backfill, Structure, CIP	2060002	110.000	Cyd
0250	Excavation, Fdn	2060010	135.000	Cyd

0260	Underdrain, Fdn, 4 inch	4040031	70.000	Ft
0270	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0280	Sawing and Sealing Trans Pavt Joints	6030096	36.000	Ft
0290	Expansion Joint Device	7060050	60.000	Ft
0300	False Decking	7060060	4,118.000	Sft
0310	Reinforcement, Steel, Epoxy Coated	7060092	5,519.000	Lb
0320	Superstructure Conc	7060110	30.000	Cyd
0330	Joint Waterproofing	7100001	302.000	Sft
0340	Hand Chipping, Shallow	7120003	60.000	Syd
0350	Hand Chipping, Deep	7120004	27.000	Syd
0360	Patch, Full Depth	7120010	4.000	Cyd
0370	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	32.000	Ea
0380	Hydrodemolition, First Pass	7120076	114.000	Syd
0390	Steel Structure, Cleaning, Type 4	7150045	1.000	LSUM
0400	Steel Structure, Coating, Type 4	7150046	1.000	LSUM
0410	Deck Drain, Extension	7170065	16.000	Ea

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 065 **Letting Date:** February 5, 2021 **Contract ID:** 38082-207299

Description: Application of long line pavement markings on various routes, Clinton, Eaton, Hillsdale, Ingham, Jackson, Lenawee, Livingston, Monroe and Washtenaw Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207299A	21A0279	N/A	HSIP 38082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $265,100.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,738,965.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,566,940.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,348,805.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	510,357.000	Ft
0060	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	23.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,094,671.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,104,413.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,099,534.000	Ft
0100	Pavt Mrkg, Waterborne, 12 inch, White	8110237	70,782.000	Ft
0110	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	17,725.000	Ft
0120	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	937,592.000	Ft
0130	_ Call Back, Intermediate Transportation, Freeway Longline, $10.50	8117003	300.000	Mi
0140	_ Call Back, Intermediate Transportation, Non-Freeway Longline, $8.00	8117003	300.000	Mi
0150	_ Call Back, Intermediate Transportation, Surface Prep, $3.75	8117003	200.000	Mi
0160	_ Call Back, Mobilization, Freeway Longline, $1,300.00	8117050	4.000	Ea
0170	_ Call Back, Mobilization, Non-Freeway Longline, $1,000.00	8117050	4.000	Ea
0180	_ Call Back, Mobilization, Surface Prep, $470.00	8117050	4.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,000.000	Ft

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 066 **Letting Date:** February 5, 2021 **Contract ID:** 21000-207297

Description: Application of special pavement markings on various routes, Delta, Dickinson, Gogebic, Iron, Mackinac, Menominee and Schoolcraft Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207297A	21A0289	N/A	HSIP 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $51,500.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	16,786.000	Ft
0030	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	108.000	Ea
0040	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,800.000	Ft
0050	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	17,886.000	Ft
0060	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	132.000	Ft
0070	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	6,925.000	Ft
0080	Rem Spec Mrkg	8110343	1,000.000	Sft
0090	Pavt Mrkg, Polyurea, Lt & Rt Turn Arrow Sym	8110404	1.000	Ea
0100	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	195.000	Ea
0110	Pavt Mrkg, Polyurea, Only	8110410	42.000	Ea
0120	Pavt Mrkg, Polyurea, Railroad Sym	8110411	29.000	Ea
0130	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	90.000	Ea
0140	Pavt Mrkg, Polyurea, School	8110414	52.000	Ea
0150	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	15.000	Ea
0160	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	3.000	Ea
0170	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	3.000	Ea
0180	Pavt Mrkg, Thermopl, Rumble Strip	8110470	3,200.000	Ft
0190	Protective Ovly, Snowmobile Trail Crossing	8110550	2,000.000	Syd
0200	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	50.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	50.000	Ft
0220	_ Call Back, Intermediate Transportation, Special Marking, $4.55	8117003	500.000	Mi
0230	_ Call Back, Intermediate Transportation, Surface Prep, $3.75	8117003	500.000	Mi
0240	_ Scarification, for Polyurea Spec Mrkg	8117010	67,300.000	Sft
0250	_ Call Back, Mobilization, Special Marking, $570.00	8117050	3.000	Ea
0260	_ Call Back, Mobilization, Surface Prep, $470.00	8117050	3.000	Ea

0270	Minor Traf Devices	8120170	1.000	LSUM

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 067 **Letting Date:** February 5, 2021 **Contract ID:** 63000-207287

Description: Application of special pavement markings in the city of Detroit, Macomb, Oakland and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207287A	21A0287	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $120,900.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	11,357.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	11,498.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	604.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	42.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	108.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	52.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	380.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	202.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	20.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	116.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, School	8110074	58.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	29.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	16.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	36.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	39.000	Ea
0170	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	98,569.000	Ft
0180	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	58,267.000	Ft
0190	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	48,023.000	Ft
0200	Rem Spec Mrkg	8110343	20,000.000	Sft
0210	Recessing Pavt Mrkg, Transv	8110451	1,000.000	Sft
0220	Recessing Pavt Mrkg, Guide Line	8110453	265.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	510.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	20.000	Ft

0250	_ Call Back, Intermediate Transportation, Special Marking, $4.55	8117003	250.000	Mi
0260	_ Call Back, Intermediate Transportation, Surface Prep, $3.75	8117003	250.000	Mi
0270	_ Scarification, for Polyurea Spec Mrkg	8117010	145,331.000	Sft
0280	_ Call Back, Mobilization, Special Marking, $570.00	8117050	5.000	Ea
0290	_ Call Back, Mobilization, Surface Prep, $470.00	8117050	5.000	Ea
0300	_ Pavt Mrkg, Ovly Cold Plastic, CANADA Legend	8117050	4.000	Ea
0310	_ Pavt Mrkg, Preformed Thermoplastic, CANADA	8117050	3.000	Ea
0320	_ Pavt Mrkg, Preformed Thermoplastic, ONLY	8117050	3.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 068 **Letting Date:** February 5, 2021 **Contract ID:** 20000-209018

Description: 2.54 mi of hot mix asphalt shared use path, concrete sidewalk and signing along Old US-27 on Iron Belle/Cradle of Forestry Interpretive Trail from North Higgins Lake Drive to Old US-27, Crawford County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209018A	21A0276	N/A	NRT 20000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $71,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	170.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	52.000	Ea
0050	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	78.000	Ea
0070	_ Tree, Rem, 6 inch to 18 inch, Spec for Job No. 209018	2027050	44.000	Ea
0080	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0090	Excavation, Peat	2050017	75.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	27.000	Ft
0110	Erosion Control, Gravel Filter Berm	2080018	150.000	Ft
0120	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0130	Erosion Control, Silt Fence	2080036	12,000.000	Ft
0140	Aggregate Base, 6 inch	3020016	1,267.000	Syd
0150	Aggregate Base, 12 inch	3020030	225.000	Syd
0160	_ Aggregate Surface Cse, 6 inch, Modified	3067011	20,569.000	Syd
0170	Shoulder, Cl III, 3 inch	3070145	210.000	Syd
0180	Culv End Sect, 24 inch	4010024	2.000	Ea
0190	Culv, Cl A, 24 inch	4010134	26.000	Ft
0200	Detectable Warning Surface	8030010	51.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	338.000	Sft
0220	Shared use Path, Grading	8060030	13,684.000	Ft
0230	Shared use Path, HMA	8060040	90.000	Ton
0240	Fence, Protective	8080007	225.000	Ft
0250	Post, Steel, 3 lb	8100371	200.000	Ft
0260	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0270	Sign, Type III, Rem	8100403	4.000	Ea

0280	Sign, Type IIIA	8100404	8.000	Sft
0290	Sign, Type IIIB	8100405	12.000	Sft
0300	Sign, Type IIIC	8100406	17.000	Sft
0310	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0320	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0330	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	326.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	326.000	Sft
0390	_ Slope Restoration, Bonded Fiber Matrix	8167011	4,267.000	Syd
0400	Contractor Staking, Road Only	8240007	1.000	LSUM
0410	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0420	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0430	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 069 **Letting Date:** February 5, 2021 **Contract ID:** 70081-127479

Description: 0.38 mi of hot mix asphalt widening for center left turn lane, non-motorized path, aggregate base, concrete curb and gutter and safety improvements on M-104 from Krueger Street east to 148th Avenue, Ottawa County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127479A	21A0282	N/A	CM 70081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $80,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0070	Curb and Gutter, Rem	2040020	1,287.000	Ft
0080	Fence, Rem	2040025	24.000	Ft
0090	Pavt, Rem	2040050	1,476.000	Syd
0100	Sidewalk, Rem	2040055	7.000	Syd
0110	Exploratory Investigation, Vertical	2040080	20.000	Ft
0120	Excavation, Earth	2050016	3,185.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0150	_ Embankment, CIP, Special	2057021	712.000	Cyd
0160	Erosion Control, Check Dam, Stone	2080012	65.000	Ft
0170	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0190	Erosion Control, Sediment Trap	2080034	17.000	Ea
0200	Erosion Control, Silt Fence	2080036	366.000	Ft
0210	Aggregate Base, 6 inch	3020016	9,132.000	Syd
0220	Maintenance Gravel, LM	3060021	50.000	Cyd
0230	_ Shoulder, Cl II, 5.5 inch	3077011	473.000	Syd
0240	Culv End Sect, 12 inch	4010012	12.000	Ea
0250	Culv, Cl F, 12 inch	4010607	456.000	Ft
0260	Trench Undercut and Backfill	4021260	20.000	Cyd
0270	_ Sewer, Cl A, 12 inch, Tr Det A, Modified	4027001	214.000	Ft

0280	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0290	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0300	Dr Structure Cover, Type G	4030040	3.000	Ea
0310	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0320	_ Dr Structure, 48 inch dia, Modified	4037050	3.000	Ea
0330	Cold Milling HMA Surface	5010002	4,454.000	Syd
0340	HMA Surface, Rem	5010005	5,541.000	Syd
0350	HMA Quality Initiative	5010007	5,566.000	Dlr
0360	Longitudinal Joint Density Quality Initiative	5010018	11,700.000	Dlr
0370	Hand Patching	5010025	17.000	Ton
0380	HMA, 4E3	5010051	617.000	Ton
0390	HMA Approach	5010061	23.000	Ton
0400	HMA, 4E3, High Stress	5010509	617.000	Ton
0410	HMA, 5E3, High Stress	5010515	847.000	Ton
0420	HMA Approach, High Stress	5010520	282.000	Ton
0430	Driveway, Nonreinf Conc, 6 inch	8010005	96.000	Syd
0440	Curb and Gutter, Conc, Det B2	8020016	795.000	Ft
0450	Driveway Opening, Conc, Det M	8020050	640.000	Ft
0460	Detectable Warning Surface	8030010	56.000	Ft
0470	Curb Ramp Opening, Conc	8030030	52.000	Ft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	477.000	Sft
0490	Shared use Path, Grading	8060030	1,579.000	Ft
0500	Shared use Path, HMA	8060040	380.000	Ton
0510	Post, Mailbox	8070095	7.000	Ea
0520	_ Cluster Mailbox, Erect, Salv	8077050	1.000	Ea
0530	_ Cluster Mailbox, Rem	8077050	1.000	Ea
0540	Fdn, Wood Support, Rem	8100280	4.000	Ea
0550	Post, Steel, 3 lb	8100371	244.000	Ft
0560	Post, Wood, 4 inch by 6 inch	8100380	196.000	Ft
0570	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0580	Sign, Type II, Rem	8100397	6.000	Ea
0590	Sign, Type IIB	8100399	105.000	Sft
0600	Sign, Type III, Rem	8100403	12.000	Ea
0610	Sign, Type IIIA	8100404	18.000	Sft
0620	Sign, Type IIIB	8100405	53.000	Sft
0630	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	245.000	Ft
0650	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	68.000	Ft
0660	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0670	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0680	Pavt Mrkg, Waterborne, 4 inch, White	8110231	600.000	Ft
0690	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,300.000	Ft
0700	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	5,200.000	Ft
0710	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	600.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,300.000	Ft

0730	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	5,200.000	Ft
0740	Recessing Pavt Mrkg, Longit	8110450	10,100.000	Ft
0750	Recessing Pavt Mrkg, Transv	8110451	500.000	Sft
0760	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0770	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,000.000	Ft
0800	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	2,500.000	Ft
0810	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,900.000	Ft
0820	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
0830	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,500.000	Ft
0840	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0850	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0860	Sign Cover	8120310	8.000	Ea
0870	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0880	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0890	Sign, Type A, Temp, Prismatic, Furn	8120340	13.000	Sft
0900	Sign, Type A, Temp, Prismatic, Oper	8120341	13.000	Sft
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	608.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	608.000	Sft
0930	Traf Regulator Control	8120370	1.000	LSUM
0940	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,600.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	5,900.000	Ft
0960	Sodding	8160055	100.000	Syd
0970	Topsoil Surface, Salv, LM	8160086	10.000	Cyd
0980	Water, Sodding/Seeding	8160090	6.000	Unit
0990	Slope Restoration, Type A	8160100	8,040.000	Syd
1000	Slope Restoration, Type B	8160101	3,000.000	Syd
1010	Slope Restoration, Type C	8160102	500.000	Syd
1020	Conduit, DB, 1, 1 1/2 inch	8190027	40.000	Ft
1030	Hh, Adj	8190244	3.000	Ea
1040	Hh, Round	8190260	1.000	Ea
1050	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1060	Conduit, Directional Bore, 2, 3 inch	8190604	70.000	Ft
1070	Pedestal, Alum	8200100	2.000	Ea
1080	Pedestal, Fdn	8200105	2.000	Ea
1090	Pushbutton and Sign	8200121	2.000	Ea
1100	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1110	Hydrant, Relocate, Case 2	8230096	1.000	Ea

1120	Gate Box, Adj, Case 1	8230431	2.000	Ea
1130	Gate Box, Adj, Case 2	8230432	4.000	Ea
1140	Contractor Staking, Road Only	8240007	1.000	LSUM
1150	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
1160	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1170	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 070 **Letting Date:** February 5, 2021 **Contract ID:** 23011-205082

Description: 0.04 mi of hot mix asphalt paving, culvert replacement, scour countermeasures and pavement markings on M-78 over unnamed stream, Eaton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205082A	N/A	N/A	M 23011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $109,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0050	Pavt, Rem	2040050	507.000	Syd
0060	Exploratory Investigation, Vertical	2040080	10.000	Ft
0070	Excavation, Earth	2050016	344.000	Cyd
0080	Erosion Control, Filter Bag	2080014	4.000	Ea
0090	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0100	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0110	Erosion Control, Silt Fence	2080036	530.000	Ft
0120	Subbase, CIP	3010002	500.000	Cyd
0130	Aggregate Base, 6 inch	3020016	2,966.000	Syd
0140	Shoulder, Cl II, 4 inch	3070126	824.000	Syd
0150	Trenching	3070200	12.000	Sta
0160	_ Shoulder, Cl II, 9 inch	3077031	61.000	Ton
0170	HMA Surface, Rem	5010005	1,964.000	Syd
0180	HMA, 4E1	5010050	269.000	Ton
0190	HMA, Temp Pavt (3E3)	5010804	13.000	Ton
0200	HMA, Temp Pavt (4E3)	5010805	13.000	Ton
0210	Joint, Contraction, Cp	6020200	288.000	Ft
0220	Joint, Contraction, C3p	6020201	112.000	Ft
0230	Conc Pavt, Nonreinf, 9 inch, High Performance	6020502	845.000	Syd
0240	Joint, Contraction, Crg	6030020	80.000	Ft
0250	Guardrail, Type MGS-8	8070004	225.000	Ft
0260	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0270	Guardrail Reflector	8070080	6.000	Ea
0280	Fence, Protective	8080007	100.000	Ft

0290	Delineator Reflector, Green	8100133	2.000	Ea
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,220.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	403.000	Ft
0320	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	660.000	Ft
0330	Witness, Log, $1,000.00	8110350	1,000.000	Dlr
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0360	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0370	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0380	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0390	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0400	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
0410	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	1.000	Ea
0420	Conc Barrier, Temp, Adj	8120080	500.000	Ft
0430	Conc Barrier, Temp, Furn	8120081	500.000	Ft
0440	Conc Barrier, Temp, Oper	8120082	500.000	Ft
0450	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,973.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0500	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0510	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0530	PTS System, Temp, Furn	8120270	1.000	Ea
0540	PTS System, Temp, Oper	8120271	1.000	Ea
0550	Sign Cover	8120310	2.000	Ea
0560	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0580	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0590	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	359.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	359.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,050.000	Ft
0640	Temp Rumble Strips (Orange)	8122030	1,100.000	Ft
0650	_ Slope Restoration, Bonded Fiber Matrix	8167011	539.000	Syd
0660	_ Mulch Blanket, Modified	8187011	539.000	Syd
0670	Monument Preservation, Vertical	8210015	1.000	Ea
0680	Contractor Staking	8240001	1.000	LSUM

0690	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0700	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0710	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Section: 2

0720	Backfill, Structure, CIP	2060002	2,459.000	Cyd
0730	Backfill, Select	2060004	480.000	Cyd
0740	Excavation, Fdn	2060010	4,715.000	Cyd
0750	Erosion Control, Turbidity Curtain, Shallow	2080044	16.000	Ft
0760	Underdrain, Fdn, 4 inch	4040031	329.000	Ft
0770	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0780	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0790	Culv Bedding, Box Culv	4060005	114.000	Cyd
0800	_ Culv, Precast Conc Box, 13 foot by 8 foot	4067001	122.000	Ft
0810	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	79.000	Sft
0820	_ Steel Sheet Piling, Temp, Special	7047010	1,175.000	Sft
0830	_ Bypass Pumping	7047050	1.000	Ea
0840	_ Construction Dam	7047050	1.000	Ea
0850	_ Cofferdam, Left in Place, Special (C01 of 23011)	7047051	1.000	LSUM
0860	Conc, Grade T	7060013	389.000	Cyd
0870	_ Mechanically Stabilized Earth Wall, Temp, Left in Place	7067010	577.000	Sft
0880	Joint Waterproofing	7100001	105.000	Sft
0890	Riprap, Plain	8130011	247.000	Ton
0900	Flowable Fill, Non-Structural	8260148	16.000	Cyd

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 071 **Letting Date:** February 5, 2021 **Contract ID:** 73063-132945

Description: Pump station rehabilitation includes removal and replacement of mechanical, electrical and lighting components on M-46 at Cumberland Street in the city of Saginaw, Saginaw County. See special provision for Determination of Lowest Successful Bidder for more information.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132945A	21A0274	N/A	ST 73063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $90,500.00	1500001	1.000	LSUM
Section: 2				
0020	_ Audio-Visual Filming	1047051	1.000	LSUM
0030	_ Reimbursed Permit Fees	1077060	1,500.000	Dlr
0040	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0050	Exploratory Investigation, Vertical	2040080	70.000	Ft
0060	_ Miscellaneous Metals, Rem (D01 of 73063)	2047051	1.000	LSUM
0070	_ Structures, Rem Portions, Modified (D01 of 73063)	2047051	1.000	LSUM
0080	Embankment, CIP	2050010	4.000	Cyd
0090	Excavation, Earth	2050016	59.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0130	Erosion Control, Silt Fence	2080036	480.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	3.000	Cyd
0160	Aggregate Surface Cse, 10 inch	3060014	180.000	Syd
0170	Sewer Tap, 24 inch	4021207	1.000	Ea
0180	Dr Structure Cover, Type B	4030010	1.000	Ea
0190	Dr Structure, 48 inch dia	4030210	1.000	Ea
0200	_ Vertical Mixed Flow Pump, (D01 of 73063)	4057050	2.000	Ea
0210	_ Bypass Pumping (D01 of 73063)	4057051	1.000	LSUM
0220	_ Corrosion Resistant Coating, Wet Well (D01 of 73063)	4057051	1.000	LSUM
0230	_ Mechanical Equipment, Vertical Pumps (D01 of 73063)	4057051	1.000	LSUM
0240	_ Pump Station Equipment, Elec (D01 of 73063)	4057051	1.000	LSUM

0250	_ Pump Station Metal Work, Misc (D01 of 73063)	4057051	1.000	LSUM
0260	_ Pump Station Special Coatings (D01 of 73063)	4057051	1.000	LSUM
0270	HMA Surface, Rem	5010005	17.000	Syd
0280	Conc, Grade D	7060010	5.000	Cyd
0290	Reinforcement, Steel, Epoxy Coated	7060092	698.000	Lb
0300	Structural Steel, Mixed, Erect	7070050	2,992.000	Lb
0310	Structural Steel, Mixed, Furn and Fab	7070051	2,992.000	Lb
0320	Conc Surface Coating (D01 of 73063)	7100010	1.000	LSUM
0330	Hand Chipping, Other Than Deck	7120007	18.000	Cft
0340	Patch, Forming	7120017	87.000	Sft
0350	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	52.000	Ea
0360	Adhesive Anchoring of Vertical Bar, 5/8 inch	7120033	21.000	Ea
0370	Flushing Cracks, Water	7120098	100.000	Ft
0380	Structural Crack, Repr	7120099	100.000	Ft
0390	Patching Conc, C-L	7120112	1.000	Cyd
0400	Embedded Galvanic Anode	7120120	39.000	Ea
0410	_ Adhesive Anchoring of Horizontal Bar, 5/8 inch	7127050	28.000	Ea
0420	_ Polyurethane Roof Coating (D01 of 73063)	8007051	1.000	LSUM
0430	Sidewalk, Conc, 6 inch	8030046	233.000	Sft
0440	Fence, Protective	8080007	280.000	Ft
0450	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0460	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0470	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0480	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0490	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	85.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	85.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0550	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0560	Sign Cover	8120310	10.000	Ea
0570	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0580	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	359.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	359.000	Sft
0610	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	60.000	Sft
0620	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	60.000	Sft
0630	Traf Regulator Control	8120370	1.000	LSUM
0640	Slope Restoration, Type B	8160101	250.000	Syd
0650	Slope Restoration, Type C	8160102	250.000	Syd
0660	Conduit, Schedule 40, 3 inch	8190149	9.000	Ft
0670	_ Electrical, Rem (D01 of 73063)	8197051	1.000	LSUM
0680	_ Utility, Elec	8197060	1,000.000	Dlr
0690	_ Temp Power System (D01 of 73063)	8507041	3.000	Cday

0700	_ Railroad Inspection and Flagging	8507060	11,000.000	Dlr
0710	_ Railroad Protection, Lake State	8507060	30,000.000	Dlr

Section: 3

0720	_ Audio-Visual Filming	1047051	1.000	LSUM
0730	_ Reimbursed Permit Fees	1077060	1,500.000	Dlr
0740	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0750	Exploratory Investigation, Vertical	2040080	70.000	Ft
0760	_ Miscellaneous Metals, Rem (D01 of 73063)	2047051	1.000	LSUM
0770	_ Structures, Rem Portions, Modified (D01 of 73063)	2047051	1.000	LSUM
0780	Embankment, CIP	2050010	4.000	Cyd
0790	Excavation, Earth	2050016	59.000	Cyd
0800	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0810	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0820	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0830	Erosion Control, Silt Fence	2080036	480.000	Ft
0840	Project Cleanup	2090001	1.000	LSUM
0850	Subbase, CIP	3010002	3.000	Cyd
0860	Aggregate Surface Cse, 10 inch	3060014	180.000	Syd
0870	Sewer Tap, 24 inch	4021207	1.000	Ea
0880	Dr Structure Cover, Type B	4030010	1.000	Ea
0890	Dr Structure, 48 inch dia	4030210	1.000	Ea
0900	_ Vertical Mixed Flow Pump, (D01 of 73063)	4057050	2.000	Ea
0910	_ Bypass Pumping (D01 of 73063)	4057051	1.000	LSUM
0920	_ Corrosion Resistant Coating, Wet Well (D01 of 73063)	4057051	1.000	LSUM
0930	_ Mechanical Equipment, Vertical Pumps (D01 of 73063)	4057051	1.000	LSUM
0940	_ Pump Station Equipment, Elec (D01 of 73063)	4057051	1.000	LSUM
0950	_ Pump Station Metal Work, Misc (D01 of 73063)	4057051	1.000	LSUM
0960	_ Pump Station Special Coatings (D01 of 73063)	4057051	1.000	LSUM
0970	HMA Surface, Rem	5010005	17.000	Syd
0980	Conc, Grade D	7060010	5.000	Cyd
0990	Reinforcement, Steel, Epoxy Coated	7060092	698.000	Lb
1000	Structural Steel, Mixed, Erect	7070050	2,992.000	Lb
1010	Structural Steel, Mixed, Furn and Fab	7070051	2,992.000	Lb
1020	Conc Surface Coating (D01 of 73063)	7100010	1.000	LSUM
1030	Hand Chipping, Other Than Deck	7120007	18.000	Cft
1040	Patch, Forming	7120017	87.000	Sft
1050	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	52.000	Ea
1060	Adhesive Anchoring of Vertical Bar, 5/8 inch	7120033	21.000	Ea
1070	Flushing Cracks, Water	7120098	100.000	Ft
1080	Structural Crack, Repr	7120099	100.000	Ft
1090	Patching Conc, C-L	7120112	1.000	Cyd
1100	Embedded Galvanic Anode	7120120	39.000	Ea

1110	_ Adhesive Anchoring of Horizontal Bar, 5/8 inch	7127050	28.000	Ea
1120	_ Polyurethane Roof Coating (D01 of 73063)	8007051	1.000	LSUM
1130	Sidewalk, Conc, 6 inch	8030046	233.000	Sft
1140	Fence, Protective	8080007	280.000	Ft
1150	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
1160	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
1170	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
1180	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
1190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	85.000	Ea
1200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	85.000	Ea
1210	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
1220	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
1230	Minor Traf Devices	8120170	1.000	LSUM
1240	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
1250	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
1260	Sign Cover	8120310	10.000	Ea
1270	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1280	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1290	Sign, Type B, Temp, Prismatic, Furn	8120350	359.000	Sft
1300	Sign, Type B, Temp, Prismatic, Oper	8120351	359.000	Sft
1310	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	60.000	Sft
1320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	60.000	Sft
1330	Traf Regulator Control	8120370	1.000	LSUM
1340	Slope Restoration, Type B	8160101	250.000	Syd
1350	Slope Restoration, Type C	8160102	250.000	Syd
1360	Conduit, Schedule 40, 3 inch	8190149	9.000	Ft
1370	_ Electrical, Rem (D01 of 73063)	8197051	1.000	LSUM
1380	_ Utility, Elec	8197060	1,000.000	Dlr
1390	_ Temp Power System (D01 of 73063)	8507041	3.000	Cday
1400	_ Railroad Inspection and Flagging	8507060	11,000.000	Dlr
1410	_ Railroad Protection, Lake State	8507060	30,000.000	Dlr

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 072 **Letting Date:** February 5, 2021 **Contract ID:** 73000-211142

Description: Application of durable pavement markings on US-127 and US-10, Midland and Gratiot Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211142A	21A0291	N/A	HSIP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $30,600.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	90,155.000	Ft
0030	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	107,855.000	Ft
0040	Minor Traf Devices	8120170	1.000	LSUM
0050	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	197,830.000	Ft

1/15/2021 9:14 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210205 073 **Letting Date:** February 5, 2021 **Contract ID:** 69023-211146

Description: Application of durable pavement markings on US-31, M-75 and M-32, Charlevoix, Grand Traverse and Montmorency Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211146A	21A0292	N/A	HSIP 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max $32,200.00	1500001	1.000	LSUM
0020	Recessing Pavt Mrkg, Longit	8110450	218,217.000	Ft
0030	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	54,203.000	Ft
0040	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	164,014.000	Ft
0050	Minor Traf Devices	8120170	1.000	LSUM