



1/26/2022 5:35 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 001**Letting Date:** March 4, 2022**Contract ID:** 41000-207321**Description:** Application of long line pavement markings on various routes, Allegan, Barry, Ionia, Kent, Lake, Mason, Mecosta, Montcalm, Newaygo, Oceana and Ottawa Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207321A	22A0285	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$251,200.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,213,656.000	Ft
0015	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,295,007.000	Ft
0020	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,844,922.000	Ft
0025	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	260,319.000	Ft
0030	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,457,755.000	Ft
0035	Pavt Mrkg, Waterborne, 6 inch, White	8110233	8,032,867.000	Ft
0040	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,436,919.000	Ft
0045	Pavt Mrkg, Waterborne, 12 inch, White	8110237	119,927.000	Ft
0050	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	1,038,126.000	Ft
0055	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	250.000	Mi
0060	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	250.000	Mi
0065	_ Call Back, Intermediate Transportation, Surface Preparation, \$3.75	8117003	250.000	Mi
0070	_ Call Back, Mobilization, Freeway Longline, \$1300.00	8117050	2.000	Ea
0075	_ Call Back, Mobilization, Non-Freeway Longline, \$1000.00	8117050	3.000	Ea
0080	_ Call Back, Mobilization, Surface Preparation, \$470.00	8117050	3.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,500.000	Ft



1/26/2022 5:35 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 002**Letting Date:** March 4, 2022**Contract ID:** 38082-207337**Description:** Application of long line pavement markings on various routes, Clinton, Eaton, Hillsdale, Ingham, Monroe, Lenawee, Jackson, Washtenaw and Livingston Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207337A	22A0280	N/A	HSIP 38082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$318,200.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,045,944.000	Ft
0015	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	5,197,321.000	Ft
0020	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	491,026.000	Ft
0025	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	103.000	Ea
0030	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,789,624.000	Ft
0035	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	4,004,241.000	Ft
0040	Pavt Mrkg, Waterborne, 12 inch, White	8110237	47,399.000	Ft
0045	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	664.000	Ft
0050	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	63,721.000	Ft
0055	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	889,605.000	Ft
0060	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	300.000	Mi
0065	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	300.000	Mi
0070	_ Call Back, Intermediate Transportation, Surface Preparation, \$3.75	8117003	200.000	Mi
0075	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	4.000	Ea
0080	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	4.000	Ea
0085	_ Call Back, Mobilization, Surface Preparation, \$470.00	8117050	4.000	Ea
0090	Minor Traf Devices 14603	8120170	1.000	LSUM
0095	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	328,000.000	Ft
0100	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	25,000.000	Ft



1/26/2022 5:35 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 003**Letting Date:** March 4, 2022**Contract ID:** 82194-208932**Description:** Bridge removal, barrier wall installation at existing abutments and sign cantilever installation on I-75 under Gilroy Street in the city of Detroit, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208932A	22A0296	N/A	IM 82194

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$53,900.00	1100001	1.000	LSUM
0010	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0020	Erosion Control, Silt Fence	2080036	172.000	Ft
0025	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
0030	Bridge Sign Connection, Type C, Rem	8100082	2.000	Ea
0035	Cantilever, Type E	8100104	2.000	Ea
0040	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	88.000	Ft
0045	Sign, Type I, Rem	8100391	2.000	Ea
0050	Sign, Type IA	8100392	299.000	Sft
0055	Sign, Type IB	8100393	94.000	Sft
0060	Sign, Type II, Rem	8100397	2.000	Ea
0065	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0075	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0080	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0085	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0090	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0095	Conc Barrier, Temp, Furn	8120081	1,000.000	Ft
0100	Conc Barrier, Temp, Oper	8120082	1,000.000	Ft
0105	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0110	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0115	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
0125	Ltg for Night Work	8120160	1.000	LSUM
0130	Minor Traf Devices	8120170	1.000	LSUM

0135	Mobile Attenuator	8120180	2.000	Ea
0140	Plastic Drum, Fluorescent, Furn	8120252	275.000	Ea
0145	Plastic Drum, Fluorescent, Oper	8120253	275.000	Ea
0150	Sign Cover	8120310	15.000	Ea
0155	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	3,900.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	3,900.000	Sft
0175	Slope Restoration, Freeway, Type A	8162013	29.000	Syd
0180	Contractor Staking	8240001	1.000	LSUM
0185	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr

Section: 2

0190	Structures, Rem Portions (P08 of 82194)	2040061	1.000	LSUM
0195	Backfill, Structure, CIP	2060002	10.000	Cyd
0200	Excavation, Fdn	2060010	5.000	Cyd
0205	Reinforcement, Steel, Epoxy Coated	7060092	357.000	Lb
0210	Bridge Barrier Railing, Type 4	7110001	24.000	Ft
0215	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	38.000	Ea



1/26/2022 5:35 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 004**Letting Date:** March 4, 2022**Contract ID:** 41029-212534

Description: Bridge rehabilitation including healer sealer, replacement of expansion joint, realignment of bearings and installation of pavement relief joints on 44th Street over I-196 and M-37 over Nash Creek, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212534A	N/A	N/A	M 41029

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$52,300.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	Pavt, Cleaning	5010001	1.000	LSUM
0020	Guardrail, Reconst, Type T	8070109	250.000	Ft
0025	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	850.000	Ft
0030	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	800.000	Ft
0035	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0045	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
0050	Conc Barrier Ending, Temp, Det 2, Furn	8120041	3.000	Ea
0055	Conc Barrier Ending, Temp, Det 2, Oper	8120042	3.000	Ea
0060	Conc Barrier, Temp, Adj	8120080	280.000	Ft
0065	Conc Barrier, Temp, Furn	8120081	730.000	Ft
0070	Conc Barrier, Temp, Oper	8120082	730.000	Ft
0075	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0080	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0085	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0095	Ltg for Night Work	8120160	1.000	LSUM
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Mobile Attenuator	8120180	2.000	Ea
0110	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,600.000	Ft
0115	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,210.000	Ft
0120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,210.000	Ft
0125	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea

0130	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0135	Sign Cover	8120310	5.000	Ea
0140	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0145	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	18.000	Sft
0165	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	18.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Speed Radar Trailer, Temp	8122028	2.000	Ea
0180	Rumble Strip, Temp, Portable, Furn	8122188	4.000	Ea
0185	Rumble Strip, Temp, Portable, Oper	8122189	4.000	Ea
0190	Slope Restoration, Freeway, Type A	8162013	280.000	Syd

Section: 2

0195	Embankment, CIP	2050010	210.000	Cyd
0200	Excavation, Fdn	2060010	210.000	Cyd
0205	Joint, Pressure Relief	6020213	186.000	Ft
0210	Expansion Joint Device	7060050	114.000	Ft
0215	False Decking	7060060	1,135.000	Sft
0220	Reinforcement, Steel, Epoxy Coated	7060092	2,249.000	Lb
0225	Conc, Grade 4500HP	7062004	15.000	Cyd
0230	Penetrating Healer/Sealer, Bridge Deck	7100025	540.000	Syd
0235	Bridge Barrier Railing, Type 4, High Performance	7110015	20.000	Ft
0240	Deck Joint, Rem	7120071	114.000	Ft
0245	Reinforcement, Mechanical Splice	7120084	28.000	Ea
0250	Embedded Galvanic Anode	7120120	432.000	Ea
0255	Beam Plate, Seal Perimeter	7130010	220.000	Ft
0260	Rocker, Realign	7130050	11.000	Ea
0265	Stiffeners, Furn, Fab, and Erect	7130060	2,336.000	Lb
0270	Support, Column, Temp	7130080	22.000	Ea
0275	Steel Structure, Cleaning, Partial, Type 4 (S22 OF 41029)	7150047	1.000	LSUM
0280	Steel Structure, Coating, Partial, Type 4 (S22 OF 41029)	7150048	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 220304 005

Letting Date: March 4, 2022

Contract ID: 33171-212647

Description: 0.30 mi of concrete pavement, concrete curb and gutter, sewer, drainage, steel piles, steel sheet piling, guardrail, pavement markings and bridge reconstruction including removal and replacement of US-127 southbound ramp over the ramp to I-496 Westbound (Ramp W) with 48 inch continuous steel plate girders and removal and replacement of the ramp from I-496 Eastbound over US-127 Northbound (Ramp V) with 38 inch continuous steel plate girders, Ingham County. This is a pilot project PDF. This project includes a 5 year materials and workmanship pavement warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212647A	22A0302	N/A	NH 33171

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	12,893.000	Dlr
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$699,500.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0025	Stump, Rem, 6 inch to 18 inch	2020008	4.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	82.000	Ft
0040	Curb and Gutter, Rem	2040020	663.000	Ft
0045	Guardrail, Rem	2040035	2,692.000	Ft
0050	Pavt, Rem	2040050	2,568.000	Syd
0055	Exploratory Investigation, Vertical	2040080	25.000	Ft
0060	Backfill, Swamp	2050001	300.000	Cyd
0065	Embankment, CIP	2050010	2,443.000	Cyd
0070	Excavation, Earth	2050016	5,180.000	Cyd
0075	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0085	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0090	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0095	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0100	Erosion Control, Maintenance, Sediment Rem	2080026	35.000	Cyd
0105	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0110	Erosion Control, Sediment Trap	2080034	4.000	Ea
0115	Erosion Control, Silt Fence	2080036	5,050.000	Ft
0120	_ Straw Wattle	2087001	1,370.000	Ft

0125	Project Cleanup	2090001	1.000	LSUM
0130	Subbase, CIP	3010002	2,618.000	Cyd
0135	Aggregate Base, 6 inch	3020016	730.000	Syd
0140	Open-Graded Dr Cse, 6 inch	3030006	4,350.000	Syd
0145	Open-Graded Dr Cse, CIP	3030030	653.000	Cyd
0150	Shld, CI II, 6 inch	3070128	150.000	Syd
0155	_ Shld, CI II, 9 inch	3077011	626.000	Syd
0160	Geotextile, Separator	3080005	4,854.000	Syd
0165	Culv, Downspout, 12 inch	4010795	50.000	Ft
0170	Dr Marker Post	4011109	12.000	Ea
0175	Sewer, CI A, 12 inch, Tr Det B	4020033	16.000	Ft
0180	Sewer, CI A, 15 inch, Tr Det B	4020034	8.000	Ft
0185	Sewer, CI A, 18 inch, Tr Det B	4020035	8.000	Ft
0190	Video Taping Sewer and Culv Pipe	4021275	82.000	Ft
0195	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0205	Dr Structure Cover, Type RX	4030075	2.000	Ea
0210	Dr Structure, 48 inch dia	4030210	2.000	Ea
0215	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	4.000	Ft
0220	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0225	Underdrain, Bank, 6 inch	4040003	250.000	Ft
0230	Underdrain, Pipe, Open-Graded, 6 inch	4040043	2,009.000	Ft
0235	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0240	Underdrain Outlet, 6 inch	4040093	660.000	Ft
0245	Underdrain, Outlet Ending, 6 inch	4040113	24.000	Ea
0250	Video Inspection of Underdrain	4040200	1,869.000	Ft
0255	Pavt, Cleaning	5010001	1.000	LSUM
0260	Bump Grinding	5010004	500.000	Syd
0265	HMA Surface, Rem	5010005	1,554.000	Syd
0270	HMA Quality Initiative	5010007	904.000	Dlr
0275	HMA Approach	5010061	395.000	Ton
0280	Joint, Contraction, Cp	6020200	1,150.000	Ft
0285	Joint, Contraction, C3p	6020201	825.000	Ft
0290	Joint, Expansion, E2	6020207	114.000	Ft
0295	Joint, Expansion, E3	6020208	309.000	Ft
0300	Joint, Expansion, E4	6020209	70.000	Ft
0305	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	1,531.000	Syd
0310	Shld, Nonreinf Conc, High Performance	6020524	1,088.000	Syd
0315	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	649.000	Syd
0320	Joint, Contraction, Crg	6030020	65.000	Ft
0325	Lane Tie, Epoxy Anchored	6030030	14.000	Ea
0330	Curb, Conc, Det G1	8020005	585.000	Ft
0335	Curb and Gutter, Conc, Det F2	8020036	150.000	Ft
0340	Downspout Header, Conc	8020070	1.000	Ea

0345	Curb and Gutter, Bridge Approach, Det 3	8022012	33.000	Ft
0350	Curb and Gutter, Bridge Approach, Det 5	8022016	234.000	Ft
0355	Guardrail, Type MGS-8	8070004	1,370.000	Ft
0360	Guardrail, Type MGS-8D	8070009	72.000	Ft
0365	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0370	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
0375	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0380	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0385	Guardrail Reflector	8070080	64.000	Ea
0390	Guardrail Anch, Bridge, Det M1	8070130	7.000	Ea
0395	Guardrail Anch, Bridge, Det M7	8070136	4.000	Ea
0400	Guardrail Anch, Bridge, Det A3	8070150	1.000	Ea
0405	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
0410	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
0415	Delineator Reflector, Green	8100133	19.000	Ea
0420	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea
0425	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	2.000	Ea
0430	Post, Rigid, Delineator	8100361	7.000	Ea
0435	Post, Steel, 3 lb	8100371	78.000	Ft
0440	Sign, Type II, Rem	8100397	4.000	Ea
0445	Sign, Type IIA	8100398	30.000	Sft
0450	Sign, Type IIB	8100399	22.000	Sft
0455	Sign, Type III, Rem	8100403	5.000	Ea
0460	Sign, Type IIIB	8100405	14.000	Sft
0465	Sign, Type VB	8100425	32.000	Sft
0470	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0475	_Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	2,015.000	Ft
0480	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,385.000	Ft
0485	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0490	Recessing Pavt Mrkg, Longit	8110450	2,217.000	Ft
0495	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	1,674.000	Ft
0500	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 12 inch, White	8112131	509.000	Ft
0505	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, Yellow	8112133	1,420.000	Ft
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0515	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
0520	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0525	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
0530	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
0535	Conc Barrier Reflector Replacement	8120070	66.000	Ea
0540	Conc Barrier, Temp, Adj	8120080	930.000	Ft

0545	Conc Barrier, Temp, Furn	8120081	3,000.000	Ft
0550	Conc Barrier, Temp, Oper	8120082	3,000.000	Ft
0555	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0560	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0565	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
0575	Ltg for Night Work	8120160	1.000	LSUM
0580	Minor Traf Devices	8120170	1.000	LSUM
0585	Mobile Attenuator	8120180	2.000	Ea
0590	Pavt Mrkg Cover, Type R, Black	8120200	7,770.000	Ft
0595	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	200.000	Ft
0600	Plastic Drum, Fluorescent, Furn	8120252	299.000	Ea
0605	Plastic Drum, Fluorescent, Oper	8120253	299.000	Ea
0610	Sign Cover	8120310	20.000	Ea
0615	Sign Cover, Type I	8120320	7.000	Ea
0620	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	11.000	Ea
0625	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	11.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	2,536.000	Sft
0635	Sign, Type B, Temp, Prismatic, Oper	8120351	2,536.000	Sft
0640	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,768.000	Sft
0645	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,768.000	Sft
0650	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	1,962.000	Ft
0655	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	8,411.000	Ft
0660	Speed Radar Trailer, Temp	8122028	2.000	Ea
0665	_ Traf Speed Sensor, Portable, Temp	8127050	6.000	Ea
0670	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0675	Riprap, Plain, LM	8130012	9.000	Cyd
0680	Site Preparation, Max \$4,000.00	8150001	1.000	LSUM
0685	Watering and Cultivating, First Season, Min \$2,000.00	8150002	1.000	LSUM
0690	Watering and Cultivating, 2nd Season, Min \$2,500.00	8150003	1.000	LSUM
0695	Crataegus crusgalli 'Inermis', 2 inch	8151132	6.000	Ea
0700	Picea omorika, 6 foot	8152788	2.000	Ea
0705	Slope Restoration, Freeway, Type A	8162013	2,300.000	Syd
0710	Slope Restoration, Freeway, Type B	8162014	1,189.000	Syd
0715	Slope Restoration, Freeway, Type C	8162015	7,649.000	Syd
0720	Slope Restoration, Freeway, Type D	8162016	2,440.000	Syd
0725	Conduit, Rem	8182000	256.000	Ft
0730	Conduit, Schedule 80, 3 inch	8182148	256.000	Ft
0735	DB Cable, in Conduit, 600V, 1/C#2	8182182	256.000	Ft
0740	DB Cable, in Conduit, 600V, 1/C#4	8182185	128.000	Ft
0745	Cable, Equipment Grounding Wire, 1/C#6	8182291	256.000	Ft
0750	Hh, Heavy Duty Cover	8182308	2.000	Ea

0755	Hh, Rem	8182330	1.000	Ea
0760	Monument Box	8210001	2.000	Ea
0765	Monument Preservation	8210010	2.000	Ea
0770	Contractor Staking	8240001	1.000	LSUM
0775	Staking Plan Errors and Extras, Max \$180/hour	8240002	76.000	Hr

Section: 2

0780	Structures, Rem (S01 of 33171)	2040060	1.000	LSUM
0785	Structures, Rem Portions (S02 of 33171)	2040061	1.000	LSUM
0790	Structure Demolition Plan, Complex (S01 of 33171)	2040064	1.000	LSUM
0795	Structure Demolition Plan, Complex (S02 of 33171)	2040064	1.000	LSUM
0800	Embankment, Structure, CIP	2050012	319.000	Cyd
0805	Backfill, Structure, CIP	2060002	4,000.000	Cyd
0810	Excavation, Fdn	2060010	5,750.000	Cyd
0815	Underdrain, Fdn, 4 inch	4040031	810.000	Ft
0820	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0825	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0830	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	2,520.000	Sft
0835	Pile Driving Equipment, Furn (S02 of 33171)	7050002	1.000	LSUM
0840	Pile, Steel, Furn and Driven, 14 inch	7050034	1,640.000	Ft
0845	Test Pile, Steel, 14 inch	7050035	4.000	Ea
0850	Pile Point, Steel	7050039	32.000	Ea
0855	Pile, Steel, Splice	7050050	4.000	Ea
0860	Bridge Ltg, Furn and Rem (S01 of 33171)	7060001	1.000	LSUM
0865	Bridge Ltg, Furn and Rem (S02 of 33171)	7060001	1.000	LSUM
0870	Bridge Ltg, Oper and Maintain	7060002	500.000	Cyd
0875	Expansion Joint Device	7060050	118.000	Ft
0880	False Decking	7060060	14,130.000	Sft
0885	Reinforcement, Steel, Epoxy Coated	7060092	341,957.000	Lb
0890	Substructure Conc, High Performance	7060101	1,679.000	Cyd
0895	Superstructure Conc, Form, Finish, and Cure (S01 of 33171)	7060111	1.000	LSUM
0900	Superstructure Conc, Form, Finish, and Cure (S02 of 33171)	7060111	1.000	LSUM
0905	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 33171)	7060112	1.000	LSUM
0910	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 33171)	7060112	1.000	LSUM
0915	Superstructure Conc, High Performance	7060116	84.000	Cyd
0920	Superstructure Conc, Night Casting, High Performance	7060117	500.000	Cyd
0925	Sealing Localized Cracks (S01 of 33171)	7060220	1.000	LSUM
0930	Sealing Localized Cracks (S02 of 33171)	7060220	1.000	LSUM
0935	Shear Developers (S01 of 33171)	7070040	1.000	LSUM
0940	Shear Developers (S02 of 33171)	7070040	1.000	LSUM
0945	Structural Steel, Mixed, Erect	7070050	22,875.000	Lb
0950	Structural Steel, Mixed, Furn and Fab	7070051	22,875.000	Lb

0955	Structural Steel, Plate, Erect	7070060	616,500.000	Lb
0960	Structural Steel, Plate, Furn and Fab	7070061	616,500.000	Lb
0965	Structural Steel, Rolled Shape, Erect	7070070	8,200.000	Lb
0970	Structural Steel, Rolled Shape, Furn and Fab	7070071	8,200.000	Lb
0975	Joint Waterproofing	7100001	1,160.000	Sft
0980	Conc Surface Coating, Warranty (S01 of 33171)	7100009	1.000	LSUM
0985	Conc Surface Coating, Warranty (S02 of 33171)	7100009	1.000	LSUM
0990	Substructure Horizontal Surface Sealer	7100030	140.000	Syd
0995	_ Silane Treatment	7107010	4,387.000	Sft
1000	Reflective Marker, Permanent Barrier	7110003	29.000	Ea
1005	Bridge Barrier Railing, Aesthetic, Type 7, Det 2, High Performance	7112063	1,163.000	Ft
1010	Field Repr of Damaged Coating (S01 of 33171)	7160001	1.000	LSUM
1015	Field Repr of Damaged Coating (S02 of 33171)	7160001	1.000	LSUM
1020	Slope Paving Header	8130015	720.000	Ft
1025	Slope Paving, Conc	8130020	775.000	Syd
1030	Structure Survey During Construction (S01 of 33171)	8240020	1.000	LSUM
1035	Structure Survey During Construction (S02 of 33171)	8240020	1.000	LSUM



1/26/2022 5:35 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 006**Letting Date:** March 4, 2022**Contract ID:** 11013-208059

Description: Bridge rehabilitation includes epoxy overlay, concrete deck patching, curb and fascia repairs, substructure and slope paving repairs, temporary supports, expansion joint repairs and gland replacement, pressure relief joints and approach work on I-94BL (Main Street) over Morrison Channel and Industrial Avenue in the city of St. Joseph, Berrien County. This project includes a 5 year epoxy overlay performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208059A	N/A	N/A	M 11013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	2,900.000	Dlr
0010	Mobilization, Max \$90,000.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	51.000	Ft
0020	Pavt, Rem	2040050	227.000	Syd
0025	Sidewalk, Rem	2040055	52.000	Syd
0030	Embankment, CIP	2050010	4.000	Cyd
0035	Excavation, Earth	2050016	122.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0045	Erosion Control, Silt Fence	2080036	250.000	Ft
0050	Subbase, CIP	3010002	11.000	Cyd
0055	Aggregate Base, 6 inch	3020016	308.000	Syd
0060	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0065	Dr Structure Cover, Type B	4030010	1.000	Ea
0070	Dr Structure Cover, Type K	4030050	5.000	Ea
0075	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0080	HMA Surface, Rem	5010005	68.000	Syd
0085	HMA Quality Initiative	5010007	100.000	Dlr
0090	Hand Patching	5010025	5.000	Ton
0095	Joint, Expansion, E3	6020208	134.000	Ft
0100	Conc Pavt, Bridge Approach, Reinf	6020600	262.000	Syd
0105	Curb and Gutter, Conc, Det C5	8020024	139.000	Ft
0110	_ Curb and Gutter, Conc, Det C5, Modified	8027001	40.000	Ft
0115	Sidewalk, Conc, 4 inch	8030044	464.000	Sft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,517.000	Ft
0125	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,517.000	Ft
0130	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr

0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0145	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0150	Pedestrian Type II Channelizer, Temp	8120027	165.000	Ft
0155	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0165	Tubular Marker	8120097	18.000	Ea
0170	Tubular Marker, Replacement	8120098	10.000	Ea
0175	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0185	Minor Traf Devices	8120170	1.000	LSUM
0190	Mobile Attenuator	8120180	1.000	Ea
0195	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,060.000	Ft
0200	Sign Cover	8120310	4.000	Ea
0205	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0210	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	1,029.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	1,029.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	7,242.000	Ft
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,210.000	Ft
0240	Slope Restoration, Non-Freeway, Type E	8162005	34.000	Syd
0245	Contractor Staking	8240001	1.000	LSUM
0250	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr

Section: 2

0255	Flowable Fill, Non-Structural	2050148	5.000	Cyd
0260	Backfill, Structure, CIP	2060002	20.000	Cyd
0265	Excavation, Fdn	2060010	26.000	Cyd
0270	Joint, Pressure Relief	6020213	126.000	Ft
0275	Expansion Joint Device	7060050	38.000	Ft
0280	False Decking	7060060	245.000	Sft
0285	Reinforcement, Steel, Epoxy Coated	7060092	1,777.000	Lb
0290	Water Repellent Treatment, Penetrating	7060140	60.000	Syd
0295	Conc, Grade 4500HP	7062004	17.000	Cyd
0300	Hand Chipping, Deep	7120004	223.000	Syd
0305	Hand Chipping, Other Than Deck	7120007	598.000	Cft
0310	Patch, Forming	7120017	1,422.000	Sft
0315	Epoxy Ovly, Warranty	7120022	3,630.000	Syd
0320	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	138.000	Ea
0325	Structures, Rehabilitation, Rem Portions (B04 of 11013)	7120070	1.000	LSUM

0330	Deck Joint, Rem	7120071	39.000	Ft
0335	Bridge Joint, Revise Expansion Device	7120080	5.000	Ea
0340	Patching Conc, C-L	7120112	38.000	Cyd
0345	Embedded Galvanic Anode	7120120	1,219.000	Ea
0350	Bridge Joint, Strip Seal Gland Replacement	7122005	334.000	Ft
0355	_ Bridge Cleaning (B04 of 11013)	7127051	1.000	LSUM
0360	Beam Plate, Seal Perimeter	7130010	57.000	Ft
0365	Stiffeners, Furn, Fab, and Erect	7130060	558.000	Lb
0370	Support, Column, Temp	7130080	10.000	Ea
0375	Slope Paving Header	8130015	12.000	Ft
0380	Slope Paving, Conc	8130020	98.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 220304 007

Letting Date: March 4, 2022

Contract ID: 70000-212673

Description: 0.02 mi of traffic signal removal, curb ramps and signing on North 5th Street at Washington Avenue in the city of Grand Haven, Ottawa County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212673A	22A0183	N/A	CM 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$5,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	185.000	Ft
0015	Sidewalk, Rem	2040055	154.000	Syd
0020	Embankment, CIP	2050010	15.000	Cyd
0025	Excavation, Earth	2050016	28.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0035	Erosion Control, Maintenance, Sediment Rem	2080026	3.000	Cyd
0040	Subbase, CIP	3010002	29.000	Cyd
0045	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0050	HMA Surface, Rem	5010005	70.000	Syd
0055	Hand Patching	5010025	9.000	Ton
0060	Conc Base Cse, Nonreinf, 7 inch	6020017	60.000	Syd
0065	_ Curb and Gutter, Conc, Det C4, Modified	8027001	70.000	Ft
0070	Curb Ramp, Conc, 6 inch	8032002	1,466.000	Sft
0075	_ Curb Ramp Opening, Conc, Modified	8037001	121.000	Ft
0080	_ Detectable Warning Surface, Cast Iron	8037001	48.000	Ft
0085	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0090	Sign, Type IA	8100392	52.000	Sft
0095	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0100	Sign, Type III, Rem	8100403	7.000	Ea
0105	Sign, Type IIIA	8100404	68.000	Sft
0110	_ Post, Round	8107001	135.000	Ft
0115	_ Wayfinding Sign, Erect, Salv	8107050	1.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea

0130	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	380.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	380.000	Sft
0150	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	36.000	Sft
0155	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	36.000	Sft
0160	Fertilizer, Chemical Nutrient, CI A	8160020	3.000	Lb
0165	Mulch Blanket	8160027	50.000	Syd
0170	Seeding, Mixture TUF	8160042	3.000	Lb
0175	Topsoil Surface, Furn, 4 inch	8160062	50.000	Syd
0180	Serv Disconnect, Rem	8182367	1.000	Ea
0185	Light Std Arm, Rem	8190277	4.000	Ea
0190	Luminaire, Rem	8190360	4.000	Ea
0195	Controller and Cabinet, Rem	8200030	1.000	Ea
0200	Fdn, Rem	8200065	4.000	Ea
0205	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0210	TS, Mast Arm Mtd, Rem	8200177	15.000	Ea
0215	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
0220	Mast Arm, Rem	8202004	4.000	Ea
0225	Mast Arm Std, Rem	8202005	4.000	Ea



1/26/2022 5:35 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 008**Letting Date:** March 4, 2022**Contract ID:** 69000-205338

Description: 1.05 mi of hot mix asphalt crushing, shaping and resurfacing, trenching, aggregate base, signing and pavement markings on County Road 612 from Old County Road 612 to Eagle Point Drive, Montmorency County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205338A	22A0010	N/A	STL 69000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$46,100.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Embankment, CIP	2050010	200.000	Cyd
0020	Erosion Control, Silt Fence	2080036	2,050.000	Ft
0025	_ Aggregate Base, Modified	3027031	3,385.000	Ton
0030	HMA Base Crushing and Shaping	3050002	22,454.000	Syd
0035	Maintenance Gravel	3060020	32.000	Ton
0040	Trenching	3070200	112.000	Sta
0045	_ Approach, CI II, Modified	3077031	180.000	Ton
0050	_ Shld, CI II, Modified	3077031	600.000	Ton
0055	Culv End Sect, 18 inch	4010018	2.000	Ea
0060	Culv, CI E, 18 inch	4010541	48.000	Ft
0065	HMA Surface, Rem	5010005	65.000	Syd
0070	Hand Patching	5010025	10.000	Ton
0075	HMA Approach	5010061	37.000	Ton
0080	HMA, 4EL	5012024	1,600.000	Ton
0085	HMA, 5EL	5012036	1,600.000	Ton
0090	Post, Mailbox	8070095	5.000	Ea
0095	Post, Steel, 3 lb	8100371	225.000	Ft
0100	Sign, Type IIIB	8100405	56.000	Sft
0105	_ Sign, Type IIIA, Modified	8107010	29.000	Sft
0110	_ Sign, Type III, Rem, Modified	8107050	12.000	Ea
0115	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	9,217.000	Ft
0120	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	11,132.000	Ft
0125	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	9,217.000	Ft
0130	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	11,132.000	Ft
0135	Recessing Pavt Mrkg, Longit	8110450	20,349.000	Ft

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0155	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0165	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0175	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,781.000	Ft
0180	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0185	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	688.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	688.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	_ Slope Restoration, Type A, Modified	8167011	2,534.000	Syd



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 009**Letting Date:** March 4, 2022**Contract ID:** 81000-205675

Description: 2.49 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Grove Road from Harris Road to Bridge Road and LeForge Road from Clark Road to Geddes Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205675A	22A0197	N/A	STU 81000
205679A	22A0203	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$127,312.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	332.000	Ft
0015	Guardrail, Rem	2040035	445.000	Ft
0020	Sidewalk, Rem	2040055	236.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	58.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0035	_ Shoulder, CI II, Modified	3077031	208.000	Ton
0040	_ Polyurethane Foam, Dr Structures, Add Depth	3087001	35.000	Ft
0045	_ Polyurethane Foam, External Void Fill	3087030	40.000	Lb
0050	_ Polyurethane Foam, Dr Structures	3087050	34.000	Ea
0055	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0060	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0065	_ Public Utility Structure, Repair	4037001	3.000	Ft
0070	_ Public Utility Structure Cover, Adj, Case 1A	4037050	14.000	Ea
0075	Cold Milling HMA Surface	5010002	66,173.000	Syd
0080	HMA Surface, Rem	5010005	37.000	Syd
0085	HMA Approach	5010061	130.000	Ton
0090	HMA, 5EL	5012036	1,913.000	Ton
0095	HMA, 5EML	5012037	5,527.000	Ton
0100	_ Void Reducing Asphalt Membrane	5017001	23,395.000	Ft
0105	_ Hand Patching, Modified	5017031	20.000	Ton
0110	Conc, Grade 3500	7062001	10.000	Cyd
0115	Curb and Gutter, Conc, Det F4	8020038	287.000	Ft
0120	Detectable Warning Surface	8030010	45.000	Ft
0125	Curb Ramp Opening, Conc	8030030	45.000	Ft
0130	Sidewalk, Conc, 4 inch	8030044	687.000	Sft

0135	Curb Ramp, Conc, 6 inch	8032002	834.000	Sft
0140	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0145	Guardrail Reflector	8070080	18.000	Ea
0150	Post, Mailbox	8070095	2.000	Ea
0155	_ Guardrail, Backed, Type MGS	8077001	200.000	Ft
0160	Perforated Steel Square Tube Breakaway System	8100330	9.000	Ea
0165	Post, Steel, 3 lb	8100371	36.000	Ft
0170	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0175	Sign, Type III, Rem	8100403	3.000	Ea
0180	Sign, Type IIIB	8100405	25.000	Sft
0185	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0190	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	256.000	Ft
0195	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	171.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,000.000	Ft
0205	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	28,861.000	Ft
0210	Pavt Mrkg, Waterborne, 6 inch, White	8110233	26,654.000	Ft
0215	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,000.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	28,861.000	Ft
0225	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	26,654.000	Ft
0230	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0235	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	12.000	Ea
0240	Pavt Mrkg, Preformed Thermopl, Rt Turn Arrow Sym	8112022	2.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0255	Pedestrian Type II Barricade, Temp	8120026	19.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	578.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	578.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0275	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	11,300.000	Ft
0295	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0300	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	1,152.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	1,152.000	Sft
0315	Traf Regulator Control	8120370	1.000	LSUM
0320	_ Turf Establishment, Performance	8167011	169.000	Syd
0325	Wireless Vehicle Detection System	8200422	2.000	Ea
0330	Wireless Vehicle Sensor Node	8200425	48.000	Ea
0335	_ Wireless Repeater, Flex_Solar	8207050	9.000	Ea

0340	Monument Box Adj	8210005	4.000	Ea
0345	_ Monument Box, Modified	8217050	2.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 010**Letting Date:** March 4, 2022**Contract ID:** 49000-206156

Description: 2.05 mi of hot mix asphalt crushing, shaping and resurfacing, shoulder aggregate and pavement markings on McKelvey Road from M-117 to Krause Road and Hiawatha Trail west of M-117, Mackinac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206156A	22A0103	N/A	STL 49000
206181A	22A0106	N/A	STL 49000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$48,300.00	1100001	1.000	LSUM
0010	HMA Base Crushing and Shaping	3050002	32,220.000	Syd
0015	Shld, CI II	3070121	1,470.000	Ton
0020	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0025	HMA, 4EML	5012025	3,940.000	Ton
0030	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	21,650.000	Ft
0035	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	20,000.000	Ft
0040	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	128.000	Ea
0045	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	128.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0055	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	874.000	Ft
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	624.000	Sft
0075	Sign, Type B, Temp, Prismatic, Oper	8120351	624.000	Sft
0080	Traf Regulator Control	8120370	1.000	LSUM



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 011**Letting Date:** March 4, 2022**Contract ID:** 39000-211876**Description:** Installation of emergency vehicle signal pre-emption at 20 signals on various routes, Kalamazoo County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211876A	22A0218	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$31,000.00	1100001	1.000	LSUM
0010	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
0015	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea
0020	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0025	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0030	Minor Traf Devices	8120170	1.000	LSUM
0035	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0040	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0045	_ Opticom GPS System	8207050	20.000	Ea
0050	_ Opticom Vehicle Unit, Furn	8207050	15.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 012**Letting Date:** March 4, 2022**Contract ID:** 08000-209766

Description: 0.76 mi of hot mix asphalt cold milling and resurfacing, concrete curb and ramps, adjust drainage structure cover and pavement markings on Michigan Avenue from State Road to Woodlawn Avenue and Woodlawn Avenue from Broadway Street to Michigan Avenue in the city of Hastings, Barry County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209766A	22A0196	N/A	HIP 08000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$45,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	510.000	Ft
0015	Sidewalk, Rem	2040055	340.000	Syd
0020	Approach, CI I	3070001	95.000	Ton
0025	Dr Structure Cover, Adj, Case 1	4030005	32.000	Ea
0030	Dr Structure, Temp Lowering	4030390	32.000	Ea
0035	Cold Milling HMA Surface	5010002	17,525.000	Syd
0040	HMA Surface, Rem	5010005	140.000	Syd
0045	Hand Patching	5010025	35.000	Ton
0050	HMA Approach	5010061	308.000	Ton
0055	HMA, 4EML	5012025	2,900.000	Ton
0060	Curb and Gutter, Conc, Det F4	8020038	160.000	Ft
0065	Detectable Warning Surface	8030010	185.000	Ft
0070	Curb Ramp Opening, Conc	8030030	350.000	Ft
0075	Curb Ramp, Conc, 4 inch	8032001	2,150.000	Sft
0080	Curb Ramp, Conc, 6 inch	8032002	1,150.000	Sft
0085	Post, Steel, 3 lb	8100371	14.000	Ft
0090	Sign, Type IIIB	8100405	5.000	Sft
0095	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,140.000	Ft
0100	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	14.000	Ea
0105	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	430.000	Ft
0110	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	250.000	Ft
0115	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,150.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,250.000	Ft
0125	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0130	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0135	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	1.000	Ea

0140	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	1,070.000	Ft
0145	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	14.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0160	Pedestrian Type II Barricade, Temp	8120026	13.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0175	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0185	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	30.000	Ft
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	620.000	Ft
0200	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0205	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0210	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	30.000	Ft
0215	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	620.000	Ft
0220	Sign Cover	8120310	3.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	385.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	385.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Slope Restoration	8167011	1,400.000	Syd
0245	Monument Box	8210001	2.000	Ea
0250	Monument Preservation	8210010	2.000	Ea
0255	Gate Box, Adj, Temp, Case 1	8230391	26.000	Ea
0260	Gate Box, Adj, Case 1	8230431	26.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 013**Letting Date:** March 4, 2022**Contract ID:** 25000-207635

Description: 0.86 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on Morrish Road from Miller Road to Bristol Road in the city of Swartz Creek, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207635A	22A0195	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$79,500.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	881.000	Ft
0015	_ Pavt, Rem, Modified	2047011	604.000	Syd
0020	_ Sidewalk, Rem, Modified	2047011	223.000	Syd
0025	Embankment, CIP	2050010	50.000	Cyd
0030	Excavation, Earth	2050016	150.000	Cyd
0035	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0045	Project Cleanup	2090001	1.000	LSUM
0050	Aggregate Base, 4 inch	3020010	1,245.000	Syd
0055	Aggregate Base, 6 inch	3020016	23.000	Syd
0060	Aggregate Base, 8 inch	3020020	86.000	Syd
0065	Maintenance Gravel, LM	3060021	100.000	Cyd
0070	Sewer, CI IV, 12 inch, Tr Det B	4020987	5.000	Ft
0075	Dr Structure Cover, Type B	4030010	4.000	Ea
0080	Dr Structure Cover, Type K	4030050	4.000	Ea
0085	Dr Structure Cover, Type Q	4030065	6.000	Ea
0090	Dr Structure, 24 inch dia	4030200	1.000	Ea
0095	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0100	_ San Structure Cover, Adj	4037050	6.000	Ea
0105	_ Stm Structure Cover, Adj	4037050	7.000	Ea
0110	_ Util Structure Cover, Adj	4037050	1.000	Ea
0115	_ Wtr Structure Cover, Adj	4037050	7.000	Ea
0120	Cold Milling HMA Surface	5010002	23,042.000	Syd
0125	Pavt for Butt Joints, Rem	5010008	100.000	Syd
0130	Pavt Joint and Crack Repr, Det 7	5010020	3,000.000	Ft
0135	Pavt Joint and Crack Repr, Det 8	5010021	1,500.000	Ft

0140	Hand Patching	5010025	459.000	Ton
0145	HMA Approach	5010061	46.000	Ton
0150	HMA, 5EMH	5012038	3,570.000	Ton
0155	Cold Milling Conc Pavt	6030014	500.000	Syd
0160	Driveway, Nonreinf Conc, 6 inch	8010005	159.000	Syd
0165	Curb and Gutter, Conc, Det F4	8020038	755.000	Ft
0170	_ Curb and Gutter, Conc, Det B2, Modified	8027001	55.000	Ft
0175	Detectable Warning Surface	8030010	42.000	Ft
0180	Curb Ramp Opening, Conc	8030030	73.000	Ft
0185	Sidewalk, Conc, 4 inch	8030044	700.000	Sft
0190	Sidewalk, Conc, 6 inch	8030046	850.000	Sft
0195	Curb Ramp, Conc, 6 inch	8032002	1,054.000	Sft
0200	_ Post Mailbox, Remove and Reset	8077050	10.000	Ea
0205	Post, Steel, 3 lb	8100371	546.000	Ft
0210	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0215	Sign, Type III, Rem	8100403	35.000	Ea
0220	Sign, Type IIIB	8100405	168.000	Sft
0225	Sign, Type VB	8100425	18.000	Sft
0230	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0235	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	179.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	216.000	Ft
0245	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	199.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	7.000	Ea
0255	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0265	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0275	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	5,954.000	Ft
0280	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,739.000	Ft
0285	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	200.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0300	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0305	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0315	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0325	Minor Traf Devices	8120170	1.000	LSUM
0330	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0335	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,000.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0345	Sign Cover	8120310	20.000	Ea

0350	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0355	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	802.000	Sft
0365	Sign, Type B, Temp, Prismatic, Oper	8120351	802.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0375	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	151.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0385	_ Turf Establishment, Performance	8167011	500.000	Syd
0390	Protect Corners	8210020	5.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 014**Letting Date:** March 4, 2022**Contract ID:** 55000-205481

Description: 3.20 mi of hot mix asphalt crushing, shaping and resurfacing and pavement markings on 29 Road (Snow Road) from east of County Road 577 to P-1 Lane, Menominee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205481A	22A0213	N/A	STL 55000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$112,900.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0020	_ HMA Spillway	2067011	35.000	Syd
0025	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0030	Aggregate Base, 3 inch	3020008	31,000.000	Syd
0035	HMA Base Crushing and Shaping	3050002	49,000.000	Syd
0040	Material, Surplus and Unsuitable, Rem, LM	3050010	25.000	Cyd
0045	Approach, CI I, 3 inch	3070005	460.000	Syd
0050	Approach, CI II, 3 inch	3070025	1,037.000	Syd
0055	_ Shoulder, CI II, 3 1/2 inch, Modified	3077011	3,750.000	Syd
0060	Culv End Sect, Conc, 15 inch	4010048	4.000	Ea
0065	Culv End Sect, Conc, 18 inch	4010049	16.000	Ea
0070	Culv End Sect, Conc, 30 inch	4010052	2.000	Ea
0075	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0080	Culv End Sect, Conc, 60 inch	4010057	2.000	Ea
0085	Culv, CI E, 15 inch	4010540	95.000	Ft
0090	Culv, CI E, 18 inch	4010541	364.000	Ft
0095	Culv, CI E, 30 inch	4010543	32.000	Ft
0100	Culv, CI E, 48 inch	4010546	48.000	Ft
0105	Culv, CI E, 60 inch	4010548	32.000	Ft
0110	Culv, CI F, 15 inch	4010608	106.000	Ft
0115	Culv, CI F, 18 inch	4010609	56.000	Ft
0120	Culv, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch	4010905	40.000	Ft
0125	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Transv	4011060	2.000	Ea
0130	HMA Approach	5010061	90.000	Ton
0135	HMA, 5EL	5012036	9,200.000	Ton

0140	Curb Slp, HMA	8050010	957.000	Ft
0145	Guardrail, Type MGS-8	8070004	1,950.000	Ft
0150	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0155	Guardrail Reflector	8070080	39.000	Ea
0160	Post, Mailbox	8070095	7.000	Ea
0165	Post, Steel, 3 lb	8100371	240.000	Ft
0170	Sign, Type III, Rem	8100403	4.000	Ea
0175	Sign, Type IIIB	8100405	91.000	Sft
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	33,600.000	Ft
0185	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,700.000	Ft
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	325.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	325.000	Ea
0200	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0205	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,200.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,200.000	Ft
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	Riprap, Plain, LM	8130012	18.000	Cyd
0245	Slope Restoration, Non-Freeway, Type A	8162001	3,420.000	Syd
0250	Slope Restoration, Non-Freeway, Type D	8162004	500.000	Syd
0255	Monument Box Adj	8210005	4.000	Ea
0260	Monument Preservation	8210010	4.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 015**Letting Date:** March 4, 2022**Contract ID:** 41000-205548

Description: 2.08 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, drainage, guardrail, and pavement markings on Wilson Avenue from the south city limit of Grandville to Rivertown Parkway and on Chicago Drive from Wilson Avenue northeasterly to the east city limit of Grandville in the city of Grandville, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205548A	22A0215	N/A	HIPU 41000
205559A	22A0224	N/A	ST 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$99,800.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	7.000	Ea
0015	Curb and Gutter, Rem	2040020	1,150.000	Ft
0020	Guardrail, Rem	2040035	256.000	Ft
0025	Sidewalk, Rem	2040055	300.000	Syd
0030	Excavation, Earth	2050016	40.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	105.000	Ea
0040	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0045	_ Aggregate Base, 4 inch, 21AA, Modified	3027011	260.000	Syd
0050	Dr Structure Cover, Type K	4030050	9.000	Ea
0055	Dr Structure, 48 inch dia	4030210	7.000	Ea
0060	Dr Structure, Adj, Add Depth	4030280	24.000	Ft
0065	Dr Structure, Temp Lowering	4030390	17.000	Ea
0070	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	19.000	Ea
0075	Cold Milling HMA Surface	5010002	63,000.000	Syd
0080	HMA Surface, Rem	5010005	310.000	Syd
0085	Hand Patching	5010025	105.000	Ton
0090	HMA, 5EMH	5012038	6,000.000	Ton
0095	_ Curb and Gutter, Conc, Det F4, Modified	8027001	485.000	Ft
0100	_ Curb Ramp Opening, Conc, Modified	8027001	400.000	Ft
0105	_ Driveway Opening, Conc, Det M, Modified	8027001	290.000	Ft
0110	Detectable Warning Surface	8030010	100.000	Ft
0115	Curb Ramp, Conc, 6 inch	8032002	2,700.000	Sft
0120	Guardrail, Type MGS-8	8070004	113.000	Ft
0125	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0130	Guardrail Reflector	8070080	14.000	Ea

0135	Guardrail Anch, Bridge, Det M7	8070136	2.000	Ea
0140	Pavt Mrkg, Polyurea, 4 inch, White	8110091	4,000.000	Ft
0145	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	100.000	Ft
0150	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	775.000	Ft
0155	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	250.000	Ft
0160	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	290.000	Ft
0165	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,000.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,500.000	Ft
0175	Rem Spec Mrkg	8110343	200.000	Sft
0180	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	9.000	Ea
0185	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	10.000	Ea
0190	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0195	Recessing Pavt Mrkg, Longit	8110450	4,100.000	Ft
0200	Recessing Pavt Mrkg, Transv	8110451	2,400.000	Sft
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	72.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	72.000	Ea
0215	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0225	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0235	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0240	Ltg for Night Work	8120160	1.000	LSUM
0245	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,500.000	Ft
0255	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	19,000.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,000.000	Ft
0265	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,000.000	Ft
0270	Plastic Drum, Fluorescent, Furn	8120252	140.000	Ea
0275	Plastic Drum, Fluorescent, Oper	8120253	140.000	Ea
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	30.000	Ft
0285	Sign Cover	8120310	15.000	Ea
0290	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0295	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	1,575.000	Sft
0305	Sign, Type B, Temp, Prismatic, Oper	8120351	1,575.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0325	_ Turf Restoration	8167011	325.000	Syd
0330	_ Gate Box, Adj, Temp, Case 1, Modified	8237050	8.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 016**Letting Date:** March 4, 2022**Contract ID:** 17000-210967

Description: 1.59 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk ramps and pavement markings on Portage Avenue West from East Easterday Avenue to Osborn Boulevard 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
210967A	22A0225	N/A	FLAP 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$134,100.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	688.000	Ft
0030	Sidewalk, Rem	2040055	331.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	66.000	Ea
0050	Dr Structure Cover, Adj, Case 1	4030005	51.000	Ea
0060	Dr Structure Cover, Type K	4030050	10.000	Ea
0070	Dr Structure, Temp Lowering	4030390	51.000	Ea
0080	Cold Milling HMA Surface	5010002	35,980.000	Syd
0090	Pavt for Butt Joints, Rem	5010008	792.000	Syd
0100	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0110	Hand Patching	5010025	106.000	Ton
0120	HMA Approach	5010061	457.000	Ton
0130	HMA, 5EML	5012037	4,754.000	Ton
0140	Cold Milling Conc Pavt	6030014	1,608.000	Syd
0150	Curb and Gutter, Conc, Det C6	8020025	71.000	Ft
0160	Curb and Gutter, Conc, Det F4	8020038	97.000	Ft
0170	Detectable Warning Surface	8030010	262.000	Ft
0180	Curb Ramp Opening, Conc	8030030	520.000	Ft
0190	Sidewalk, Conc, 4 inch	8030044	400.000	Sft
0200	Curb Ramp, Conc, 6 inch	8032002	2,542.000	Sft
0210	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,188.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	117.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,753.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,420.000	Ft

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0320	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Seeding, Mixture TUF	8160042	5.000	Lb
0370	Topsoil Surface, Furn, 6 inch	8160064	8.000	Syd
0380	Monument Box Adj	8210005	1.000	Ea
0390	Gate Box, Adj, Case 1	8230431	14.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 017**Letting Date:** March 4, 2022**Contract ID:** 39000-206298

Description: 1.30 mi of hot mix asphalt cold milling and resurfacing, guardrail replacement and pavement marking on Barney Road from Nichols Road to Douglas Avenue, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206298A	22A0241	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$120,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.620	Acre
0015	Stump, Rem, 19 inch to 36 inch	2020006	12.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	46.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	54.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0035	Dr Structure, Rem	2030011	10.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	740.000	Ft
0045	Curb and Gutter, Rem	2040020	1,287.000	Ft
0050	Guardrail, Rem	2040035	351.000	Ft
0055	Pavt, Rem	2040050	334.000	Syd
0060	Sidewalk, Rem	2040055	70.000	Syd
0065	Embankment, CIP	2050010	2,724.000	Cyd
0070	Excavation, Earth	2050016	12,702.000	Cyd
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0080	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0085	Subbase, CIP	3010002	7,604.000	Cyd
0090	Aggregate Base, 6 inch	3020016	1,594.000	Syd
0095	Aggregate Base, 8 inch	3020020	7,733.000	Syd
0100	Maintenance Gravel	3060020	521.000	Ton
0105	Approach, CI II	3070021	34.000	Ton
0110	Shld, CI II	3070121	51.000	Ton
0115	Shld, CI II, 6 inch	3070128	1,097.000	Syd
0120	Culv End Sect, 12 inch	4010012	1.000	Ea
0125	Culv End Sect, 18 inch	4010018	1.000	Ea
0130	Culv End Sect, 24 inch	4010024	2.000	Ea
0135	Culv, CI A, CSP, 12 inch	4010199	310.000	Ft

0140	Culv End Sect 24 inch, Grate	4012024	1.000	Ea
0145	Sewer, CI IV, 12 inch, Tr Det B	4020987	35.000	Ft
0150	Sewer, CI IV, 15 inch, Tr Det B	4020988	54.000	Ft
0155	Sewer, CI IV, 18 inch, Tr Det B	4020989	166.000	Ft
0160	Sewer, CI IV, 24 inch, Tr Det B	4020993	70.000	Ft
0165	Video Taping Sewer and Culv Pipe	4021275	632.000	Ft
0170	_ Sewer, Perf, 12 inch	4027001	562.000	Ft
0175	Dr Structure Cover, Type K	4030050	6.000	Ea
0180	Dr Structure Cover, Type R	4030070	6.000	Ea
0185	Dr Structure, 48 inch dia	4030210	5.000	Ea
0190	_ Leaching Basin, 48 inch dia	4037050	7.000	Ea
0195	_ Monument Box Preservation, Modified	4037050	3.000	Ea
0200	_ Sanitary Structure Cover, Adj, Modified	4037050	5.000	Ea
0205	_ Storm Structure Cover, Adj, Modified	4037050	2.000	Ea
0210	_ Water Valve Utility Cover, Adj, Modified	4037050	11.000	Ea
0215	Cold Milling HMA Surface	5010002	16,660.000	Syd
0220	HMA Surface, Rem	5010005	5,504.000	Syd
0225	Hand Patching	5010025	188.000	Ton
0230	_ Void Reducing Asphalt Membrane	5017001	6,423.000	Ft
0235	_ HMA, 13A, Modified	5017031	1,571.000	Ton
0240	_ HMA, 36A, Modified	5017031	3,888.000	Ton
0245	_ Seal, Fog	5057011	1,073.000	Syd
0250	Curb and Gutter, Conc, Det F4	8020038	214.000	Ft
0255	Detectable Warning Surface	8030010	20.000	Ft
0260	Curb Ramp Opening, Conc	8030030	36.000	Ft
0265	Sidewalk, Conc, 4 inch	8030044	173.000	Sft
0270	Curb Ramp, Conc, 6 inch	8032002	527.000	Sft
0275	Curb Slp, HMA	8050010	7,278.000	Ft
0280	Guardrail, Type MGS-8	8070004	307.000	Ft
0285	Guardrail, Curved, Type MGS-8	8070012	25.000	Ft
0290	Guardrail Anchored in Backslope, Type 4MGS-8	8070034	1.000	Ea
0295	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0300	Guardrail Reflector	8070080	9.000	Ea
0305	Post, Mailbox	8070095	57.000	Ea
0310	_ Fence, Chain Link, 48 inch, Special	8087001	55.000	Ft
0315	Post, Steel, 3 lb	8100371	270.000	Ft
0320	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0325	Sign, Type III, Rem	8100403	25.000	Ea
0330	Sign, Type IIIB	8100405	56.000	Sft
0335	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0340	_ Post, Steel, 3 lb, Modified	8107001	30.000	Ft
0345	_ Sign, Type IB, Modified	8107010	5.000	Sft
0350	_ Sign, Type IIB, Modified	8107010	6.000	Sft
0355	_ Sign, Type IIIA, Modified	8107010	18.000	Sft
0360	_ Sign, Type IIIB, Modified	8107010	3.000	Sft

0365	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,683.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,841.000	Ft
0375	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	27.000	Ft
0380	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	2.000	Ea
0385	_ Pavt Mrkg, Waterborne, Only	8117050	3.000	Ea
0390	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	1.000	Ea
0395	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0405	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0415	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0425	Minor Traf Devices	8120170	1.000	LSUM
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	977.000	Sft
0435	Sign, Type B, Temp, Prismatic, Oper	8120351	977.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	759.000	Sft
0445	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	759.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0455	Riprap, Plain	8130010	31.000	Syd
0460	_ HMA Spillway	8147011	4.000	Syd
0465	Mulch Blanket, High Velocity	8160028	1,810.000	Syd
0470	_ Native Seeding	8167011	5,535.000	Syd
0475	_ Turf Establishment	8167011	3,637.000	Syd



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 018**Letting Date:** March 4, 2022**Contract ID:** 10032-132466

Description: 110.00 mi of delineator removal and installation on US-31 from the south Manistee County line to the north Grand Traverse County line, M-115 from M-22 to US-31 and M-37 from Peninsula Drive to the end of route up the Old Mission Peninsula, Manistee, Benzie and Grand Traverse Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132466A	22A0312	N/A	HSIP 10032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$18,800.00	1100001	1.000	LSUM
0010	Delineator Reflector, Green	8100133	761.000	Ea
0015	Delineator Reflector, White	8100134	5,218.000	Ea
0020	Delineator, Rem	8100349	1,081.000	Ea
0025	Post, Rigid, Delineator	8100361	3,248.000	Ea
0030	_Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	54,739.000	Ft
0035	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	Sign, Type B, Temp, Prismatic, Furn	8120350	4.000	Sft
0055	Sign, Type B, Temp, Prismatic, Oper	8120351	4.000	Sft
0060	Contractor Staking	8240001	1.000	LSUM
0065	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 019**Letting Date:** March 4, 2022**Contract ID:** 50111-212568**Description:** Intelligent transportation system equipment upgrades on various routes, Livingston, Macomb, Monroe, Oakland, St. Clair and Wayne Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212568A	22A0308	N/A	ST 50111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$203,900.00	1100001	1.000	LSUM
0010	_ Conduit, Clean and Test	8007001	2,500.000	Ft
0015	_ Fiber Optic, Cable, Reinstall	8007001	1,000.000	Ft
0020	_ Fiber Optic, Cable, Rem	8007001	1,000.000	Ft
0025	_ Cabinet Equipment, Cabinet Monitoring System, Rem	8007050	19.000	Ea
0030	_ Cabinet Equipment, Power Distribution Unit, Rem	8007050	1.000	Ea
0035	_ Cabinet Modifications	8007050	27.000	Ea
0040	_ Cabinet Monitoring System	8007050	2.000	Ea
0045	_ Closed Circuit Television Camera, Rem	8007050	38.000	Ea
0050	_ Copper, Small Form Pluggable, Transceiver	8007050	3.000	Ea
0055	_ Digital Video Encoder, Rem	8007050	2.000	Ea
0060	_ Dynamic Message Sign Controller	8007050	2.000	Ea
0065	_ Dynamic Message Sign Controller, Rem	8007050	2.000	Ea
0070	_ Fiber Optic, Hardware Assembly, Rem	8007050	19.000	Ea
0075	_ Field Security Appliance	8007050	1.000	Ea
0080	_ Hh, Clean	8007050	75.000	Ea
0085	_ ITS Cabinet, Ground Mtd	8007050	2.000	Ea
0090	_ ITS Cabinet, Pole Mtd	8007050	18.000	Ea
0095	_ Portable Camera Lowering Device Tool, Tower Mtd	8007050	1.000	Ea
0100	_ Power Distribution Unit	8007050	35.000	Ea
0105	_ Radio, Rem	8007050	10.000	Ea
0110	_ Surveillance System, Tower Mtd	8007050	2.000	Ea
0115	_ Wireless Link, 5.8 gigahertz, Access Point	8007050	3.000	Ea
0120	_ Wireless Link, 5.8 gigahertz, Subscriber Unit	8007050	1.000	Ea
0125	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0130	_ System Testing	8007051	1.000	LSUM
0135	Barricade, Type III, High Intensity, Double Sided,	8120012	4.000	Ea

	Lighted, Furn			
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0145	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Mobile Attenuator	8120180	3.000	Ea
0165	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	2,800.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	2,800.000	Sft
0185	Conduit, DB, 1, 3 inch	8182050	20.000	Ft
0190	Conduit, DB, 2, 3 inch	8182053	100.000	Ft
0195	DB Cable, in Conduit, 600V, 1/C#10	8182189	600.000	Ft
0200	Cable, Equipment Grounding Wire, 1/C#10	8182293	200.000	Ft
0205	Fdn, Rem	8200065	8.000	Ea
0210	Power Co. (Est. Cost to Contractor)	8200116	47,500.000	Dlr
0215	Cabinet, Rem	8200184	26.000	Ea
0220	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0225	Microwave Vehicle Detection System	8260040	38.000	Ea
0230	Microwave Vehicle Detection System, Rem	8260043	39.000	Ea
0235	Fiber Optic, Hardware Assembly, Small	8260065	20.000	Ea
0240	Fiber Optic, Pigtail	8260071	164.000	Ea
0245	Fiber Optic, Jumper	8260072	112.000	Ea
0250	Managed Field Ethernet Switch, Layer 2	8260080	5.000	Ea
0255	Managed Field Ethernet Switch, Layer 3	8260082	23.000	Ea
0260	Managed Field Ethernet Switch, Rem	8260087	32.000	Ea
0265	Power Serv, Refurbish, 30AMP, 120/240V	8260111	4.000	Ea
0270	Uninterruptible Power Supply, ITS Cabinet	8260140	7.000	Ea
0275	Uninterruptible Power Supply, Rem	8260146	40.000	Ea
0280	Surveillance System, Remote Site, Type A	8260157	36.000	Ea
0285	System Integration and Testing	8260160	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 220304 020

Letting Date: March 4, 2022

Contract ID: 52043-205023

Description: Device modernization includes addition of cameras, sensors, and remote power strips at ESS and DMS locations along various routes, Alger, Baraga, Chippewa, Delta, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205023A	22A0297	N/A	NH 52043
212697A	22A0289	N/A	ST 17034

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$163,100.00	1100001	1.000	LSUM
0010	_ Antenna Support, Install on Dynamic Message Sign	8007050	8.000	Ea
0015	_ Atmospheric Sensor, Air Temperature/Relative Humidity	8007050	7.000	Ea
0020	_ Atmospheric Sensor, Precipitation	8007050	15.000	Ea
0025	_ Atmospheric Sensor, Precipitation, Rem and Salv	8007050	8.000	Ea
0030	_ Atmospheric Sensor, Ultrasonic Wind	8007050	20.000	Ea
0035	_ Atmospheric Sensor, Ultrasonic Wind, Rem and Salv	8007050	13.000	Ea
0040	_ Atmospheric Sensor, Visibility	8007050	7.000	Ea
0045	_ Cabinet Equipment, Power Distribution Unit, Rem and Salv	8007050	26.000	Ea
0050	_ Closed Circuit Television Camera, Rem	8007050	15.000	Ea
0055	_ Pavt Sensor, Invasive Condition	8007050	22.000	Ea
0060	_ Pavt Sensor, Invasive Condition, Rem	8007050	22.000	Ea
0065	_ Power Distribution Unit	8007050	43.000	Ea
0070	_ Remote Processing Unit	8007050	13.000	Ea
0075	_ Remote Processing Unit, Rem and Salv	8007050	13.000	Ea
0080	_ Subsurface Temperature Probe	8007050	11.000	Ea
0085	_ Subsurface Temperature Probe, Rem and Salv	8007050	11.000	Ea
0090	_ Surveillance System, ESS	8007050	21.000	Ea
0095	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0135	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0140	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	1,750.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	1,750.000	Sft
0155	Traf Regulator Control	8120370	1.000	LSUM
0160	Contractor Staking	8240001	1.000	LSUM
0165	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr
0170	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0175	Microwave Vehicle Detection System	8260040	20.000	Ea
0180	Microwave Vehicle Detection System, Rem	8260043	12.000	Ea
0185	Uninterruptible Power Supply, ESS	8260142	12.000	Ea
0190	Uninterruptible Power Supply, Rem	8260146	12.000	Ea
0195	System Integration and Testing	8260160	1.000	LSUM



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 021**Letting Date:** March 4, 2022**Contract ID:** 03021-200137

Description: 5.15 mi of hot mix asphalt reconstruction, cold milling and resurfacing, culvert replacement, guardrail and pavement markings on M-89 from west of 58th Street to I-196 east in the city of Fennville, Allegan County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200137A	N/A	N/A	M 03021
212952A	N/A	N/A	M 03021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$201,500.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Pavt, Rem	2040050	4,520.000	Syd
0025	Excavation, Earth	2050016	5,276.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0040	_ Embankment, CIP, Spec	2057021	1,027.000	Cyd
0045	Backfill, Structure, CIP	2060002	166.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	536.000	Ft
0055	Erosion Control, Filter Bag	2080014	2.000	Ea
0060	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0065	Erosion Control, Maintenance, Sediment Rem	2080026	15.000	Cyd
0070	Erosion Control, Sand Bag	2080028	150.000	Ea
0075	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0080	Erosion Control, Sediment Trap	2080034	32.000	Ea
0085	Erosion Control, Silt Fence	2080036	300.000	Ft
0090	Subbase, CIP	3010002	6,228.000	Cyd
0095	Aggregate Base, 6 inch	3020016	7,698.000	Syd
0100	Driveway Maintenance, Residential	3062001	2.000	Ea
0105	Approach, CI II	3070021	44.000	Ton
0110	Shld, CI II	3070121	1,934.000	Ton
0115	Geotextile, Separator, Non-Woven	3082000	25.000	Syd
0120	Road Grade Biaxial Geogrid	3082002	245.000	Syd
0125	Culv End Sect, 12 inch	4010012	10.000	Ea
0130	Culv End Sect, Footing	4010072	10.000	Ea

0135	Culv, CI F, 12 inch	4010607	183.000	Ft
0140	Culv, Reinf Conc Ellip, HE CI A, 48 inch by 76 inch	4010817	56.000	Ft
0145	Dr Marker Post	4011109	14.000	Ea
0150	Trench Undercut and Backfill	4021260	5.000	Cyd
0155	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0160	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0165	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0170	Video Inspection of Underdrain	4040200	340.000	Ft
0175	Cold Milling HMA Surface	5010002	86,738.000	Syd
0180	Bump Grinding	5010004	100.000	Syd
0185	HMA Surface, Rem	5010005	5,750.000	Syd
0190	HMA Quality Initiative	5010007	20,976.000	Dlr
0195	Longit Joint Density Quality Initiative	5010018	30,707.000	Dlr
0200	Pavt Joint and Crack Repr, Det 7	5010020	1,103.000	Ft
0205	Pavt Joint and Crack Repr, Det 8	5010021	1,103.000	Ft
0210	Hand Patching	5010025	301.000	Ton
0215	HMA Approach	5010061	203.000	Ton
0220	HMA, 4EML	5012025	1,820.000	Ton
0225	HMA, 5EL	5012036	8,164.000	Ton
0230	Reinforcement, Steel, Epoxy Coated	7060092	670.000	Lb
0235	Conc, Grade 3500	7062001	14.000	Cyd
0240	Guardrail, Type MGS-8	8070004	250.000	Ft
0245	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0250	Guardrail Reflector	8070080	24.000	Ea
0255	Post, Mailbox	8070095	2.000	Ea
0260	Guardrail, Long Span, Det MGS-1	8072121	2.000	Ea
0265	Delineator Reflector, Green	8100133	4.000	Ea
0270	Post, Rigid, Delineator	8100361	4.000	Ea
0275	Post, Steel, 3 lb	8100371	69.000	Ft
0280	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0285	Sign, Type V, Erect, Salv	8100422	3.000	Ea
0290	Sign, Type III, Rem, Salv	8102003	1.000	Ea
0295	Sign, Type V, Rem, Salv	8102005	3.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0305	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0310	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	32.000	Ft
0315	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	30,500.000	Ft
0320	Pavt Mrkg, Waterborne, 6 inch, White	8110233	54,600.000	Ft
0325	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	50.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	30,500.000	Ft
0335	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	54,600.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	50.000	Ft
0345	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea

0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	800.000	Ea
0365	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	800.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0375	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0385	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,300.000	Ft
0390	Sign Cover	8120310	45.000	Ea
0395	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0400	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0405	Sign, Type A, Temp, Prismatic, Furn	8120340	84.000	Sft
0410	Sign, Type A, Temp, Prismatic, Oper	8120341	84.000	Sft
0415	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0425	Traf Regulator Control	8120370	1.000	LSUM
0430	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0435	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0440	_ Riprap, Spec, Class II	8137031	330.000	Ton
0445	Slope Restoration, Non-Freeway, Type A	8162001	7,190.000	Syd
0450	Slope Restoration, Non-Freeway, Type B	8162002	2,996.000	Syd
0455	Slope Restoration, Non-Freeway, Type C	8162003	1,797.000	Syd
0460	Monument Box	8210001	10.000	Ea
0465	Monument Preservation	8210010	12.000	Ea
0470	Protect Corners	8210020	11.000	Ea
0475	Centerline Corrugations, Milled, HMA	8220013	26,695.000	Ft
0480	Contractor Staking	8240001	1.000	LSUM
0485	Staking Plan Errors and Extras, Max \$180/hour	8240002	22.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 220304 022

Letting Date: March 4, 2022

Contract ID: 58033-213444

Description: High load hit repairs includes beam replacement, partial deck replacement, railing replacement, steel repairs, heat straightening and cleaning and coating of structural steel on Milwaukee Road over US-23, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213444A	N/A	N/A	MER 58033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$53,700.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Waterborne, 4 inch, White	8110231	71.000	Ft
0015	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0025	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0030	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0035	Conc Barrier, Temp, Furn	8120081	160.000	Ft
0040	Conc Barrier, Temp, Oper	8120082	160.000	Ft
0045	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0050	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0055	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0065	Ltg for Night Work	8120160	1.000	LSUM
0070	Minor Traf Devices	8120170	1.000	LSUM
0075	Mobile Attenuator	8120180	1.000	Ea
0080	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,200.000	Ft
0085	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,200.000	Ft
0090	Plastic Drum, Fluorescent, Furn	8120252	92.000	Ea
0095	Plastic Drum, Fluorescent, Oper	8120253	92.000	Ea
0100	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0105	PTS System, Temp, Furn	8120270	1.000	Ea
0110	PTS System, Temp, Oper	8120271	1.000	Ea
0115	Sign Cover	8120310	6.000	Ea
0120	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea

0125	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0130	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0135	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	460.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	460.000	Sft
0150	Contractor Staking	8240001	1.000	LSUM
0155	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr

Section: 2

0160	Bridge Ltg, Furn and Rem (S01 of 58033)	7060001	1.000	LSUM
0165	Bridge Ltg, Oper and Maintain	7060002	19.000	Cyd
0170	Conduit, 3 inch	7060030	71.000	Ft
0175	Expansion Joint Device	7060050	20.000	Ft
0180	False Decking	7060060	928.000	Sft
0185	Reinforcement, Steel, Epoxy Coated	7060092	5,031.000	Lb
0190	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 58033)	7060112	1.000	LSUM
0195	Superstructure Conc, Night Casting, High Performance	7060117	19.000	Cyd
0200	Bearing, Elastomeric, 2 1/4 inch	7070017	532.000	Sin
0205	Shear Developers (S01 of 58033)	7070040	1.000	LSUM
0210	Structural Steel, Rolled Shape, Erect	7070070	32,387.000	Lb
0215	Structural Steel, Rolled Shape, Furn and Fab	7070071	32,387.000	Lb
0220	Conc Surface Coating	7100011	34.000	Syd
0225	Substructure Horizontal Surface Sealer	7100030	8.000	Syd
0230	_ Silane Treatment	7107010	262.000	Sft
0235	Bridge Barrier Railing, Type 5, High Performance	7110016	71.000	Ft
0240	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	6.000	Ea
0245	Structures, Rehabilitation, Rem Portions (S01 of 58033)	7120070	1.000	LSUM
0250	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
0255	Beam Plate, Seal Perimeter	7130010	102.000	Ft
0260	Heat Straightening Steel (S01 of 58033)	7130040	1.000	LSUM
0265	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,444.000	Lb
0270	Steel Structure, Cleaning, Partial, Type 4 (S01 of 58033)	7150047	1.000	LSUM
0275	Steel Structure, Coating, Partial, Type 4 (S01 of 58033)	7150048	1.000	LSUM
0280	Field Repr of Damaged Coating (S01 of 58033)	7160001	1.000	LSUM
0285	Sign, Type II, Erect, Salv	8100396	1.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 023**Letting Date:** March 4, 2022**Contract ID:** 18033-211075**Description:** Interior lighting upgrades and site exterior lighting replacement on US-127 at the Clare Welcome Center, Clare County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211075A	22A0309	N/A	ST 18033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$46,800.00	1100001	1.000	LSUM
0010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0015	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0020	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0025	Minor Traf Devices	8120170	1.000	LSUM
0030	Mobile Attenuator	8120180	1.000	Ea
0035	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0040	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0045	Sign Cover	8120310	10.000	Ea
0050	Sign Cover, Type I	8120320	8.000	Ea
0055	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0060	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0065	Sign, Type B, Temp, Prismatic, Furn	8120350	98.000	Sft
0070	Sign, Type B, Temp, Prismatic, Oper	8120351	98.000	Sft
0075	Slope Restoration, Non-Freeway, Type A	8162001	40.000	Syd
0080	Conduit, Directional Bore, 1, 3 inch	8182035	2,400.000	Ft
0085	DB Cable, in Conduit, 600V, 1/C#6	8182187	6,425.000	Ft
0090	DB Cable, in Conduit, 600V, 1/C#8	8182188	2,480.000	Ft
0095	Cable, Rem	8182196	4,630.000	Ft
0100	Cable, Equipment Grounding Wire, 1/C#6	8182291	2,400.000	Ft
0105	Cable, Equipment Grounding Wire, 1/C#8	8182292	1,035.000	Ft
0110	Hh, Round	8182310	28.000	Ea
0115	Hh, Rem	8182330	14.000	Ea
0120	_ Conduit, Directional Bore, 1, 2 inch	8187001	1,035.000	Ft
0125	Light Std Arm, Rem	8190277	34.000	Ea
0130	Light Std Fdn	8190279	30.000	Ea
0135	Light Std Fdn, Rem	8190280	30.000	Ea

0140	Light Std, Frangible Transformer Base	8190281	1.000	Ea
0145	Light Std Shaft, 30 foot or less	8190285	19.000	Ea
0150	Light Std Shaft, 31 foot to 40 foot	8190286	11.000	Ea
0155	Light Std Shaft, Rem	8190305	30.000	Ea
0160	Luminaire, Install Salv	8190350	8.000	Ea
0165	Luminaire, Rem	8190360	34.000	Ea
0170	Luminaire, Rem and Salv	8190365	9.000	Ea
0175	_ Luminaire, LED Install	8197050	168.000	Ea
0180	_ Luminaire, Parking	8197050	15.000	Ea
0185	_ Luminaire, Rem, Spec	8197050	162.000	Ea
0190	_ Luminaire, Walkway	8197050	19.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 024**Letting Date:** March 4, 2022**Contract ID:** 82195-210217

Description: Bridge rehabilitation on 20 structures including concrete deck and barrier patching, substructure repair, slope paving repair, end header replacement, expansion joint replacement and repair, steel repairs, heat straightening, bearing realignment and replacement, temporary supports, epoxy overlay, healer sealer, resealing end joints, partial painting and approach work on I-75, I-94, I-96, and M-10 in the city of Detroit, Wayne County. This project includes a 5 year epoxy overlay performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210217A	N/A	N/A	M 82195
210222A	N/A	N/A	M 82023
210233A	22A0315	N/A	IM 82023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	10,800.000	Dir
0010	Mobilization, Max \$860,100.00	1100001	1.000	LSUM
0015	Dr Structure, Abandon	2030010	4.000	Ea
0020	Curb and Gutter, Rem	2040020	69.000	Ft
0025	Pavt, Rem	2040050	712.000	Syd
0030	Sidewalk, Rem	2040055	333.000	Syd
0035	Embankment, CIP	2050010	22.000	Cyd
0040	Excavation, Earth	2050016	713.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0055	Erosion Control, Silt Fence	2080036	550.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0065	Subbase, CIP	3010002	296.000	Cyd
0070	Aggregate Base, 6 inch	3020016	92.000	Syd
0075	Aggregate Base, 8 inch	3020020	687.000	Syd
0080	Geotextile, Stabilization	3080010	100.000	Syd
0085	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0090	Underdrain, Subbase, 6 inch	4040063	70.000	Ft
0095	Cold Milling HMA Surface	5010002	349.000	Syd
0100	Hand Patching	5010025	10.000	Ton
0105	HMA Approach, High Stress	5010520	39.000	Ton
0110	Joint, Contraction, Cp	6020200	86.000	Ft
0115	Joint, Contraction, C3p	6020201	30.000	Ft
0120	Joint, Expansion, E2	6020207	90.000	Ft

0125	Joint, Expansion, E3	6020208	550.000	Ft
0130	Joint, Plane-of-Weakness, W	6020211	86.000	Ft
0135	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	56.000	Syd
0140	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	617.000	Syd
0145	Joint, Contraction, Crg	6030020	24.000	Ft
0150	Joint, Expansion, Erg	6030021	446.000	Ft
0155	Lane Tie, Epoxy Anchored	6030030	217.000	Ea
0160	Non-Chloride Accelerator	6030035	22.000	Gal
0165	Pavt Repr, Nonreinf Conc, 10 inch	6030048	37.000	Syd
0170	Pavt Repr, Rem	6030080	37.000	Syd
0175	Saw Cut, Intermediate	6030090	80.000	Ft
0180	Curb and Gutter, Conc, Det F5	8020039	182.000	Ft
0185	Detectable Warning Surface	8030010	25.000	Ft
0190	Curb Ramp Opening, Conc	8030030	25.000	Ft
0195	Sidewalk, Conc, 6 inch	8030046	2,411.000	Sft
0200	Curb Ramp, Conc, 6 inch	8032002	579.000	Sft
0205	Post Hole Through Conc for Steel Post	8100340	11.000	Ea
0210	Sign, Type I, Rem	8100391	1.000	Ea
0215	Sign, Type IA	8100392	160.000	Sft
0220	Sign, Type II, Rem	8100397	1.000	Ea
0225	Sign, Type IIB	8100399	16.000	Sft
0230	Sign, Type III, Erect, Salv	8100402	18.000	Ea
0235	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	131.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	76.000	Ft
0245	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	95.000	Ft
0250	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	201.000	Ft
0255	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	161.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	200.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	200.000	Ea
0270	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0275	Pedestrian Type II Channelizer, Temp	8120027	270.000	Ft
0280	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0285	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0290	Conc Barrier, Temp, Furn	8120081	200.000	Ft
0295	Conc Barrier, Temp, Oper	8120082	200.000	Ft
0300	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0305	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	13.000	Ea
0315	Lighted Arrow, Type C, Oper	8120141	13.000	Ea
0320	Ltg for Night Work	8120160	1.000	LSUM
0325	Minor Traf Devices	8120170	1.000	LSUM
0330	Mobile Attenuator	8120180	4.000	Ea
0335	Plastic Drum, Fluorescent, Furn	8120252	1,100.000	Ea

0340	Plastic Drum, Fluorescent, Oper	8120253	1,100.000	Ea
0345	Sign Cover	8120310	100.000	Ea
0350	Sign Cover, Type I	8120320	18.000	Ea
0355	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	13.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	13.000	Ea
0365	Sign, Type A, Temp, Prismatic, Furn	8120340	1,582.000	Sft
0370	Sign, Type A, Temp, Prismatic, Oper	8120341	1,582.000	Sft
0375	Sign, Type B, Temp, Prismatic, Furn	8120350	9,202.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	9,202.000	Sft
0385	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	608.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	608.000	Sft
0395	Pedestrian Path, Temp	8122250	250.000	Ft
0400	Pedestrian Ramp, Temp	8122251	10.000	Ea
0405	Slope Restoration, Non-Freeway, Type A	8162001	5.000	Syd
0410	Light Std Arm, Rem and Salv	8190278	1.000	Ea
0415	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
0420	Luminaire, Install Salv	8190350	1.000	Ea
0425	Luminaire, Rem and Salv	8190365	1.000	Ea
0430	_ Light Std Arm, Install Salv	8197050	1.000	Ea
0435	_ Light Std Shaft, Install Salv	8197050	1.000	Ea
0440	TS Face, Bag	8200458	10.000	Ea
0445	TS Face, Bag, Rem	8200459	10.000	Ea

Section: 2

0450	Asbestos Materials, Rem and Disposal	2040001	11,000.000	Dlr
0455	Backfill, Structure, CIP	2060002	1,526.000	Cyd
0460	Excavation, Fdn	2060010	1,268.000	Cyd
0465	Expansion Joint Device	7060050	1,608.000	Ft
0470	False Decking	7060060	3,734.000	Sft
0475	Reinforcement, Steel, Epoxy Coated	7060092	59,854.000	Lb
0480	Sealing Localized Cracks (P01-82123)	7060220	1.000	LSUM
0485	Sealing Localized Cracks (P02-82123)	7060220	1.000	LSUM
0490	Sealing Localized Cracks (S21-82251)	7060220	1.000	LSUM
0495	Sealing Localized Cracks (S22-82023)	7060220	1.000	LSUM
0500	Sealing Localized Cracks (S23-82023)	7060220	1.000	LSUM
0505	Sealing Localized Cracks (S23-82251)	7060220	1.000	LSUM
0510	Sealing Localized Cracks (S24-82023)	7060220	1.000	LSUM
0515	Sealing Localized Cracks (S26-82195)	7060220	1.000	LSUM
0520	Sealing Localized Cracks (S27-82195)	7060220	1.000	LSUM
0525	Sealing Localized Cracks (S28-82023)	7060220	1.000	LSUM
0530	Sealing Localized Cracks (S29-82023)	7060220	1.000	LSUM
0535	Conc, Grade 4500HP	7062004	266.000	Cyd
0540	Metal Mesh Panels	7070120	4,347.000	Sft

0545	Joint Waterproofing	7100001	555.000	Sft
0550	Penetrating Healer/Sealer, Bridge Deck	7100025	5,476.000	Syd
0555	Substructure Horizontal Surface Sealer (S22-82023)	7100030	64.000	Syd
0560	Substructure Horizontal Surface Sealer (S23-82023)	7100030	66.000	Syd
0565	Substructure Horizontal Surface Sealer (S23-82251)	7100030	23.000	Syd
0570	Substructure Horizontal Surface Sealer (S26-82023)	7100030	247.000	Syd
0575	Substructure Horizontal Surface Sealer (S28-82023)	7100030	61.000	Syd
0580	Substructure Horizontal Surface Sealer (S29-82023)	7100030	56.000	Syd
0585	Bridge Railing, Thrie Beam Retrofit	7110006	615.000	Ft
0590	_ Bridge Barrier Railing, Reconst Portions	7117001	50.000	Ft
0595	Hand Chipping, Shallow	7120003	215.000	Syd
0600	Hand Chipping, Deep	7120004	127.000	Syd
0605	Hand Chipping, Other Than Deck	7120007	1,440.000	Cft
0610	Patch, Full Depth	7120010	17.000	Cyd
0615	Patch, Forming	7120017	6,250.000	Sft
0620	Epoxy Ovly	7120020	607.000	Syd
0625	Epoxy Ovly, Warranty	7120022	9,962.000	Syd
0630	Bolt, Adhesive Anchored, 1 inch	7120044	40.000	Ea
0635	Structures, Rehabilitation, Rem Portions (P01-82123)	7120070	1.000	LSUM
0640	Structures, Rehabilitation, Rem Portions (P02-82123)	7120070	1.000	LSUM
0645	Structures, Rehabilitation, Rem Portions (S01-821424)	7120070	1.000	LSUM
0650	Structures, Rehabilitation, Rem Portions (S07-82025)	7120070	1.000	LSUM
0655	Structures, Rehabilitation, Rem Portions (S10-82025)	7120070	1.000	LSUM
0660	Structures, Rehabilitation, Rem Portions (S17-82025)	7120070	1.000	LSUM
0665	Structures, Rehabilitation, Rem Portions (S18-82023)	7120070	1.000	LSUM
0670	Structures, Rehabilitation, Rem Portions (S21-82025)	7120070	1.000	LSUM
0675	Structures, Rehabilitation, Rem Portions (S21-82251)	7120070	1.000	LSUM
0680	Structures, Rehabilitation, Rem Portions (S22-82023)	7120070	1.000	LSUM
0685	Structures, Rehabilitation, Rem Portions (S23-82023)	7120070	1.000	LSUM
0690	Structures, Rehabilitation, Rem Portions (S23-82251)	7120070	1.000	LSUM
0695	Structures, Rehabilitation, Rem Portions (S26-82023)	7120070	1.000	LSUM
0700	Structures, Rehabilitation, Rem Portions (S26-82195)	7120070	1.000	LSUM
0705	Structures, Rehabilitation, Rem Portions (S28-82023)	7120070	1.000	LSUM
0710	Structures, Rehabilitation, Rem Portions (S29-82023)	7120070	1.000	LSUM
0715	Structures, Rehabilitation, Rem Portions (S41-82123)	7120070	1.000	LSUM
0720	Deck Joint, Rem	7120071	1,826.000	Ft
0725	Reinforcement, Mechanical Splice	7120084	872.000	Ea
0730	Patching Conc, C-L	7120112	84.000	Cyd
0735	Embedded Galvanic Anode	7120120	8,426.000	Ea
0740	Hand Chipping, Full Depth	7122000	402.000	Cft
0745	Bridge Joint, Strip Seal Gland Replacement	7122005	145.000	Ft
0750	_ Bridge Joints, Clean and Seal	7127001	1,654.000	Ft
0755	_ Bridge Cleaning (P01-82123)	7127051	1.000	LSUM
0760	_ Bridge Cleaning (P02-82123)	7127051	1.000	LSUM
0765	_ Bridge Cleaning (S24-82023)	7127051	1.000	LSUM

0770	_ Bridge Cleaning (S27-82023)	7127051	1.000	LSUM
0775	_ Bridge Cleaning (S29-82023)	7127051	1.000	LSUM
0780	Beam Plate, Seal Perimeter	7130010	2,240.000	Ft
0785	Heat Straightening Steel (S07-82025)	7130040	1.000	LSUM
0790	Heat Straightening Steel (S17-82025)	7130040	1.000	LSUM
0795	Heat Straightening Steel (S18-82023)	7130040	1.000	LSUM
0800	Heat Straightening Steel (S26-82195)	7130040	1.000	LSUM
0805	Rocker, Realign	7130050	41.000	Ea
0810	Stiffeners, Furn, Fab, and Erect	7130060	38,442.000	Lb
0815	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	5,272.000	Lb
0820	Support, Column, Temp	7130080	128.000	Ea
0825	Salv Support, Column, Temp	7132000	7.000	Ea
0830	Steel Structure, Cleaning, Partial, Type 4 (P01-82123)	7150047	1.000	LSUM
0835	Steel Structure, Cleaning, Partial, Type 4 (P02-82123)	7150047	1.000	LSUM
0840	Steel Structure, Cleaning, Partial, Type 4 (S07-82025)	7150047	1.000	LSUM
0845	Steel Structure, Cleaning, Partial, Type 4 (S17-82025)	7150047	1.000	LSUM
0850	Steel Structure, Cleaning, Partial, Type 4 (S18-82023)	7150047	1.000	LSUM
0855	Steel Structure, Cleaning, Partial, Type 4 (S26-82195)	7150047	1.000	LSUM
0860	Steel Structure, Cleaning, Partial, Type 4 (S27-82195)	7150047	1.000	LSUM
0865	Steel Structure, Coating, Partial, Type 4 (P01-82123)	7150048	1.000	LSUM
0870	Steel Structure, Coating, Partial, Type 4 (P02-82123)	7150048	1.000	LSUM
0875	Steel Structure, Coating, Partial, Type 4 (S07-82025)	7150048	1.000	LSUM
0880	Steel Structure, Coating, Partial, Type 4 (S17-82025)	7150048	1.000	LSUM
0885	Steel Structure, Coating, Partial, Type 4 (S18-82023)	7150048	1.000	LSUM
0890	Steel Structure, Coating, Partial, Type 4 (S26-82195)	7150048	1.000	LSUM
0895	Steel Structure, Coating, Partial, Type 4 (S27-82195)	7150048	1.000	LSUM
0900	Field Repr of Damaged Coating (S07-82025)	7160001	1.000	LSUM
0905	Field Repr of Damaged Coating (S10-82025)	7160001	1.000	LSUM
0910	Field Repr of Damaged Coating (S17-82025)	7160001	1.000	LSUM
0915	Field Repr of Damaged Coating (S18-82023)	7160001	1.000	LSUM
0920	Field Repr of Damaged Coating (S21-82251)	7160001	1.000	LSUM
0925	Field Repr of Damaged Coating (S22-82023)	7160001	1.000	LSUM
0930	Field Repr of Damaged Coating (S23-82023)	7160001	1.000	LSUM
0935	Field Repr of Damaged Coating (S23-82251)	7160001	1.000	LSUM
0940	Field Repr of Damaged Coating (S26-82023)	7160001	1.000	LSUM
0945	Field Repr of Damaged Coating (S26-82195)	7160001	1.000	LSUM
0950	Field Repr of Damaged Coating (S28-82023)	7160001	1.000	LSUM
0955	Field Repr of Damaged Coating (S29-82023)	7160001	1.000	LSUM
0960	Field Repr of Damaged Coating (S41-82123)	7160001	1.000	LSUM
0965	_ Fence, Structure, Handrail	8087001	250.000	Ft
0970	Riprap, Grouted	8130001	684.000	Syd
0975	Slope Paving Header	8130015	487.000	Ft
0980	Slope Paving, Conc	8130020	841.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 220304 025

Letting Date: March 4, 2022

Contract ID: 16092-214266

Description: 3.79 mi of overband crack fill, single course chip seal with fog seal and pavement markings on I-75 from north of Riggsville Road northerly to south of Levering Road, Cheboygan County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214266A	22A0319	N/A	NH 16092

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$72,100.00	1100001	1.000	LSUM
0010	Overband Crack Fill, Lane	5020003	15.140	Lnmi
0015	Overband Crack Fill, Ramp	5020004	0.860	Lnmi
0020	Seal, Fog	5050015	197,400.000	Syd
0025	Chip Seal, Single, Warranty	5050040	197,400.000	Syd
0030	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	4.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0045	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	220.000	Ft
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	58,300.000	Ft
0055	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	47,400.000	Ft
0060	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,300.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	47,500.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	47,400.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	1,300.000	Ft
0080	Rem Spec Mrkg	8110343	710.000	Sft
0085	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0090	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	10,800.000	Ft
0095	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0115	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0120	Sign Cover	8120310	10.000	Ea
0125	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0130	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft

0135	Sign, Type B, Temp, Prismatic, Furn	8120350	1,800.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	1,800.000	Sft
0145	Speed Radar Trailer, Temp	8122028	2.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 026**Letting Date:** March 4, 2022**Contract ID:** 49025-201956

Description: 56.67 mi of freeway signing upgrades, overhead sign structures, guardrails and install delineators along I-75 from the north city limits of St. Ignace to the south city limits of Sault Ste. Marie, Mackinac and Chippewa Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201956A	22A0313	N/A	IMG 49025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$279,700.00	1100001	1.000	LSUM
0010	Conc Barrier, Rem	2040010	144.000	Ft
0015	Guardrail, Rem	2040035	439.000	Ft
0020	Pavt, Rem	2040050	180.000	Syd
0025	Subbase, CIP	3010002	95.000	Cyd
0030	Aggregate Base, 10 inch	3020026	189.000	Syd
0035	HMA Surface, Rem	5010005	17.000	Syd
0040	Hand Patching	5010025	5.000	Ton
0045	Steel Sheet Piling, Temp, Left in Place	7040003	1,674.000	Sft
0050	Valley Gutter, Conc	8020060	288.000	Ft
0055	Conc Barrier, Double Face, Type A, Modified, 0-1.0 Foot	8047001	144.000	Ft
0060	Guardrail, Type MGS-8	8070004	263.000	Ft
0065	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0070	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0075	Guardrail Reflector	8070080	6.000	Ea
0080	Band, Sign	8100010	76.000	Ea
0085	Bridge Sign Connection, Bolt Replacement	8100020	3.000	Ea
0090	Bridge Sign Connection, Conc, Type A1	8100031	23.000	Ea
0095	Bridge Sign Connection, Type A, Rem	8100080	14.000	Ea
0100	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
0105	Cantilever, Type J	8100110	1.000	Ea
0110	Column, Breakaway, W8 x 13	8100120	114.000	Ea
0115	Column, Breakaway, W8 x 18	8100121	80.000	Ea
0120	Delineator Reflector, Red	8100131	100.000	Ea
0125	Delineator Reflector, Yellow	8100132	50.000	Ea
0130	Delineator Reflector, White	8100134	50.000	Ea
0135	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	10.000	Ea

0140	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	50.000	Ea
0145	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	50.000	Ea
0150	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	50.000	Ea
0155	Fdn, Breakaway, W8 x 13	8100160	114.000	Ea
0160	Fdn, Breakaway, W8 x 18	8100161	80.000	Ea
0165	Fdn, Cantilever, Type E 3	8100208	1.000	Ea
0170	Fdn, Column Breakaway, Rem	8100220	144.000	Ea
0175	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	17.000	Ft
0180	Fdn, Truss, Rem	8100260	3.000	Ea
0185	Fdn, Truss, Type D	8100271	1.000	Ea
0190	Fdn, Wood Support, Rem	8100280	1,134.000	Ea
0195	Installing MDOT Supplied Sign, Type I	8100300	7.000	Ea
0200	Installing MDOT Supplied Sign, Type II	8100301	3.000	Ea
0205	Installing MDOT Supplied Sign, Type III	8100302	135.000	Ea
0210	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	4.000	Ea
0215	Post Hole Through Conc for Steel Post	8100340	45.000	Ea
0220	Post Hole Through Conc for Wood Post	8100341	46.000	Ea
0225	Post, Flexible, Delineator	8100360	100.000	Ea
0230	Post, Rigid, Delineator	8100361	100.000	Ea
0235	Post, Steel, 3 lb	8100371	17,394.000	Ft
0240	Post, Wood, 4 inch by 6 inch	8100380	9,423.000	Ft
0245	Post, Wood, 6 inch by 8 inch	8100382	4,910.000	Ft
0250	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0255	Sign, Type I, Rem	8100391	165.000	Ea
0260	Sign, Type IA	8100392	15,891.000	Sft
0265	Sign, Type IB	8100393	1,098.000	Sft
0270	Sign, Type II, Rem	8100397	444.000	Ea
0275	Sign, Type IIA	8100398	3,125.000	Sft
0280	Sign, Type IIB	8100399	679.000	Sft
0285	Sign, Type III, Erect, Salv	8100402	13.000	Ea
0290	Sign, Type III, Rem	8100403	1,193.000	Ea
0295	Sign, Type IIIA	8100404	3,323.000	Sft
0300	Sign, Type IIIB	8100405	3,003.000	Sft
0305	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0310	Sign, Type V, Rem	8100421	7.000	Ea
0315	Sign, Type VA	8100424	565.000	Sft
0320	Sign, Type VB	8100425	2,284.000	Sft
0325	Truss, Rem	8100440	2.000	Ea
0330	Truss, Type E, 75 foot	8100489	1.000	Ea
0335	Reflective Panel for Permanent Sign Support, 3 foot	8100613	326.000	Ea
0340	Reflective Panel for Permanent Sign Support, 6 foot	8100616	368.000	Ea
0345	Bracket, H	8100650	17.000	Ea

0350	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0355	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0365	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0375	Mobile Attenuator	8120180	1.000	Ea
0380	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0385	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0390	Sign Cover	8120310	10.000	Ea
0395	Sign Cover, Type I	8120320	5.000	Ea
0400	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0405	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0415	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0425	Slope Restoration, Non-Freeway, Type A	8162001	470.000	Syd
0430	Slope Restoration, Freeway, Type A	8162013	330.000	Syd
0435	Contractor Staking	8240001	1.000	LSUM
0440	Staking Plan Errors and Extras, Max \$180/hour	8240002	31.000	Hr



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 027**Letting Date:** March 4, 2022**Contract ID:** 47000-211177**Description:** 32.13 lane mi of hot mix asphalt crack sealing, Livingston, Washtenaw, Monroe and Lenawee Counties. This project includes a 2 year pavement performance warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211177A	22A0321	N/A	ST 46074

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$18,200.00	1100001	1.000	LSUM
0010	HMA Crack Treatment, Lane, Warranty	5020027	46.130	Lnmi
0015	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0025	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	280.000	Ea
0030	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	280.000	Ea
0035	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	Sign Cover	8120310	12.000	Ea
0055	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0060	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0065	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0070	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	420.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	420.000	Sft
0085	Traf Regulator Control	8120370	1.000	LSUM



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 028**Letting Date:** March 4, 2022**Contract ID:** 41042-210817

Description: 1.03 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramp improvements and pavement markings on I-196 BS from Burlingame Avenue easterly to Clyde Park Avenue and sidewalk ramp improvements along M-11 from Church Avenue easterly to US-131 in the cities of Grandville, Grand Rapids and Wyoming, Kent County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210817A	22A0307	N/A	NH 41042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$169,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	2,405.000	Ft
0015	Curb, Rem	2040021	375.000	Ft
0020	Pavt, Rem	2040050	111.000	Syd
0025	Sidewalk, Rem	2040055	1,717.000	Syd
0030	Excavation, Earth	2050016	600.000	Cyd
0035	Non Haz Contaminated Material Handling and Disposal, LM	2050031	45.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0045	Erosion Control, Silt Fence	2080036	1,272.000	Ft
0050	Subbase, CIP	3010002	252.000	Cyd
0055	Aggregate Base, 3 inch	3020008	1,211.000	Syd
0060	Aggregate Base, 8 inch	3020020	148.000	Syd
0065	Dr Structure Cover, Adj, Case 1	4030005	112.000	Ea
0070	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0075	Dr Structure Cover, Type K	4030050	7.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	85.000	Ft
0085	Dr Structure, Temp Lowering	4030390	91.000	Ea
0090	_ Dr Structure Cover, Spec	4037050	17.000	Ea
0095	Cold Milling HMA Surface	5010002	31,327.000	Syd
0100	HMA Surface, Rem	5010005	814.000	Syd
0105	HMA Quality Initiative	5010007	14,058.000	Dlr
0110	Longit Joint Density Quality Initiative	5010018	10,867.000	Dlr
0115	Pavt Joint and Crack Repr, Det 7	5010020	500.000	Ft
0120	Pavt Joint and Crack Repr, Det 8	5010021	500.000	Ft
0125	Hand Patching	5010025	316.000	Ton

0130	HMA Approach, High Stress	5010520	873.000	Ton
0135	HMA, 4EMH, High Stress	5012074	3,326.000	Ton
0140	HMA, 5EMH, High Stress	5012086	2,514.000	Ton
0145	Cold Milling Conc Pavt	6030014	1,560.000	Syd
0150	_ Bus Stop, Temp	8007050	9.000	Ea
0155	Curb and Gutter, Conc, Det C4	8020023	1,051.000	Ft
0160	Curb and Gutter, Conc, Det F4	8020038	390.000	Ft
0165	Driveway Opening, Conc, Det M	8020050	108.000	Ft
0170	Detectable Warning Surface	8030010	240.000	Ft
0175	Curb Ramp Opening, Conc	8030030	1,223.000	Ft
0180	Sidewalk, Conc, 4 inch	8030044	684.000	Sft
0185	Curb Ramp, Conc, 4 inch	8032001	5,756.000	Sft
0190	Curb Ramp, Conc, 6 inch	8032002	9,767.000	Sft
0195	_ Detectable Warning Surface, Cast Iron, Spec	8037001	443.000	Ft
0200	_ Brick Pavers, Rem and Salv	8037010	130.000	Sft
0205	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	130.000	Sft
0210	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
0215	Post, Steel, 3 lb	8100371	30.000	Ft
0220	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0225	Sign, Type III, Rem, Salv	8102003	43.000	Ea
0230	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,683.000	Ft
0235	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	9,994.000	Ft
0240	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,465.000	Ft
0245	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	554.000	Ft
0250	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0255	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0260	Recessing Pavt Mrkg, Longit	8110450	12,677.000	Ft
0265	Recessing Pavt Mrkg, Transv	8110451	1,841.000	Sft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	110.000	Ea
0275	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	110.000	Ea
0280	Pedestrian Type II Barricade, Temp	8120026	80.000	Ea
0285	Pedestrian Type II Channelizer, Temp	8120027	594.000	Ft
0290	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,030.000	Ea
0295	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,030.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0305	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0315	Plastic Drum, Fluorescent, Furn	8120252	8.000	Ea
0320	Plastic Drum, Fluorescent, Oper	8120253	8.000	Ea
0325	Sign Cover	8120310	40.000	Ea
0330	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0335	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	2,526.000	Sft

0345	Sign, Type B, Temp, Prismatic, Oper	8120351	2,526.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	99.000	Sft
0355	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	99.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0365	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,000.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	875.000	Ft
0375	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	1,000.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	875.000	Ft
0385	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0390	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0395	Pedestrian Path, Temp	8122250	797.000	Ft
0400	Pedestrian Ramp, Temp	8122251	39.000	Ea
0405	Slope Restoration, Non-Freeway, Type A	8162001	278.000	Syd
0410	Slope Restoration, Non-Freeway, Type B	8162002	900.000	Syd
0415	Conduit, DB, 1, 1 1/2 inch	8182048	15.000	Ft
0420	Hh, Round	8182310	1.000	Ea
0425	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0430	Fdn, Rem	8200065	1.000	Ea
0435	Pushbutton and Sign	8200121	6.000	Ea
0440	Pushbutton, Rem	8200122	6.000	Ea
0445	Span Wire Tether	8200142	5.000	Ea
0450	Steel Pole, Rem	8200145	1.000	Ea
0455	Traf Loop	8200170	9.000	Ea
0460	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
0465	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0470	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0475	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
0480	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0485	Wireless Vehicle Sensor Node, Salv	8200427	12.000	Ea
0490	TS Face, Bag	8200458	28.000	Ea
0495	TS Face, Bag, Rem	8200459	28.000	Ea
0500	Backplate, TS	8200501	17.000	Ea
0505	Monument Box Adj	8210005	2.000	Ea
0510	Monument Preservation	8210010	2.000	Ea
0515	Protect Corners	8210020	5.000	Ea
0520	Water Shutoff, Adj, Temp, Case 1	8230381	3.000	Ea
0525	Gate Box, Adj, Temp, Case 1	8230391	1.000	Ea
0530	Water Shutoff, Adj, Case 1	8230421	6.000	Ea
0535	Gate Box, Adj, Case 1	8230431	19.000	Ea
0540	_ Monitoring Well, Adj	8237050	2.000	Ea

0545	Contractor Staking	8240001	1.000	LSUM
0550	Staking Plan Errors and Extras, Max \$180/hour	8240002	19.000	Hr



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 029**Letting Date:** March 4, 2022**Contract ID:** 50000-211723

Description: Traffic signal modernization, intersection widening, drainage improvements, concrete curb and gutter, sidewalk and ramp upgrades and pavement markings on M-19 at 27 Mile Road in the village of New Haven, Macomb County. This is a Local Agency and Trunkline combination project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211723A	22A0310	N/A	HSIP 50000
212221A	22A0317	N/A	STG 50092

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio-Visual Filming	1047051	1.000	LSUM
0010	Mobilization, Max \$42,800.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	182.000	Ft
0020	Pavt, Rem	2040050	10.000	Syd
0025	Sidewalk, Rem	2040055	117.000	Syd
0030	Exploratory Investigation, Vertical	2040080	100.000	Ft
0035	Embankment, CIP	2050010	4.000	Cyd
0040	Excavation, Earth	2050016	26.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0050	Subgrade Undercutting, Type I	2050040	100.000	Cyd
0055	Erosion Control, Check Dam, Stone	2080012	3.000	Ft
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0065	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0070	Erosion Control, Maintenance, Sediment Rem	2080026	4.000	Cyd
0075	Erosion Control, Silt Fence	2080036	260.000	Ft
0080	Aggregate Base, 4 inch	3020010	606.000	Syd
0085	Aggregate Base, 6 inch	3020016	205.000	Syd
0090	Maintenance Gravel, LM	3060021	100.000	Cyd
0095	Shld, CI II, 6 inch	3070128	180.000	Syd
0100	Road Grade Biaxial Geogrid	3082002	100.000	Syd
0105	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0110	Sewer, CI IV, 15 inch, Tr Det B	4020988	36.000	Ft
0115	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0120	Dr Structure, 48 inch dia	4030210	1.000	Ea
0125	Underdrain, Bank, Open-Graded, 6 inch	4040013	570.000	Ft
0130	Cold Milling HMA Surface	5010002	85.000	Syd

0135	HMA Surface, Rem	5010005	10.000	Syd
0140	Hand Patching	5010025	2.000	Ton
0145	HMA, 5EML	5012037	101.000	Ton
0150	Conc Base Cse, Nonreinf, 9 inch	6020021	10.000	Syd
0155	Lane Tie, Epoxy Anchored	6030030	109.000	Ea
0160	_ Roadside Unit, Install Salv	8007001	1.000	Ft
0165	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0170	_ Roadside Unit, Rem and Salv	8007050	1.000	Ea
0175	Curb and Gutter, Conc, Det B1	8020015	10.000	Ft
0180	Curb and Gutter, Conc, Det C4	8020023	350.000	Ft
0185	Curb and Gutter, Conc, Det F3	8020037	30.000	Ft
0190	Detectable Warning Surface	8030010	47.000	Ft
0195	Curb Ramp Opening, Conc	8030030	42.000	Ft
0200	Sidewalk, Conc, 4 inch	8030044	3,600.000	Sft
0205	Sidewalk, Conc, 6 inch	8030046	540.000	Sft
0210	Curb Ramp, Conc, 4 inch	8032001	565.000	Sft
0215	Curb Ramp, Conc, 6 inch	8032002	435.000	Sft
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0225	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0235	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0240	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	600.000	Ft
0245	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	720.000	Ft
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	160.000	Ft
0255	Pavt Mrkg, Waterborne, 4 inch, White	8110231	900.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,100.000	Ft
0265	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,600.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	900.000	Ft
0275	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,100.000	Ft
0280	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,600.000	Ft
0285	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0295	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0300	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0305	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0315	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,800.000	Ft
0325	Plastic Drum, Fluorescent, Furn	8120252	136.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	136.000	Ea
0335	Sign Cover	8120310	4.000	Ea
0340	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea

0345	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	1,122.000	Sft
0355	Sign, Type B, Temp, Prismatic, Oper	8120351	1,122.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0365	Pedestrian Path, Temp	8122250	100.000	Ft
0370	Pedestrian Ramp, Temp	8122251	4.000	Ea
0375	Mulch Blanket	8160027	1,200.000	Syd
0380	Topsoil Surface, Furn, 3 inch	8160061	1,200.000	Syd
0385	Slope Restoration, Non-Freeway, Type A	8162001	94.000	Syd
0390	Conduit, Directional Bore, 2, 3 inch	8182037	100.000	Ft
0395	Conduit, DB, 1, 1 1/2 inch	8182048	180.000	Ft
0400	Conduit, DB, 2, 3 inch	8182053	40.000	Ft
0405	Conduit, DB, 3, 3 inch	8182056	40.000	Ft
0410	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0415	Cable Pole, TS and Sec, Disman	8182209	1.000	Ea
0420	Cable Pole, TS, Disman	8182210	1.000	Ea
0425	Cable, Sec, 600V, 1, 3/C#6	8182238	150.000	Ft
0430	Hh, Polymer Conc	8182309	2.000	Ea
0435	Hh, Round	8182310	4.000	Ea
0440	Hh, Round, 3 foot dia	8182319	1.000	Ea
0445	Wood Pole, Rem	8182363	1.000	Ea
0450	Serv Disconnect	8182366	1.000	Ea
0455	Serv Disconnect, Rem	8182367	1.000	Ea
0460	_ Conduit, DB, 1, 1 inch	8187001	20.000	Ft
0465	Case Sign, Rem	8200020	2.000	Ea
0470	Conduit Repr, Under Pavt	8200027	25.000	Ft
0475	Conduit Repr, Under Sidewalk or Earth	8200028	25.000	Ft
0480	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0485	Controller and Cabinet, Rem	8200030	1.000	Ea
0490	Controller Fdn, Base Mtd	8200045	1.000	Ea
0495	TS, Managed Field Ethernet Switch, Rem	8200087	1.000	Ea
0500	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0505	Pedestal, Alum	8200100	7.000	Ea
0510	Pedestal, Fdn	8200105	7.000	Ea
0515	Power Co. (Est. Cost to Contractor)	8200116	3,000.000	Dlr
0520	Pushbutton and Sign	8200121	8.000	Ea
0525	Span Wire	8200140	4.000	Ea
0530	Span Wire, Rem	8200141	1.000	Ea
0535	Span Wire Tether	8200142	4.000	Ea
0540	TS, Span Wire Mtd, Rem	8200182	3.000	Ea
0545	Cabinet, NEMA Type	8200186	1.000	Ea
0550	TS, Wireless Link, 5 Gigahertz, Remote	8200275	1.000	Ea
0555	TS, Wireless Link, Rem	8200280	1.000	Ea
0560	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea

0565	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
0570	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0575	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0580	Video Traf Detection Camera, Rem	8200384	2.000	Ea
0585	Bracket, Truss, Rem	8200388	2.000	Ea
0590	Hemispherical Video Detection Camera	8200444	1.000	Ea
0595	Hemispherical Video Detection System	8200445	1.000	Ea
0600	Junction Box, Span Wire	8200456	4.000	Ea
0605	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
0610	Strain Pole Fdn, 6 Bolt	8200470	59.000	Ft
0615	Casing	8200480	10.000	Ft
0620	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0625	Backplate, TS	8200501	8.000	Ea
0630	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0635	Contractor Staking	8240001	1.000	LSUM
0640	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr
0645	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0650	Lightning Protection, Pole	8260021	1.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 030**Letting Date:** March 4, 2022**Contract ID:** 69023-207327

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207327A	22A0322	N/A	HSIP 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$40,700.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	799.000	Ft
0015	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,619.000	Ft
0020	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	999.000	Ft
0025	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	37.000	Ea
0030	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	15.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	236.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	13.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	28.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	166.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, School	8110074	46.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	1.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	15.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	15.000	Ea
0075	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	37.000	Ea
0080	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	8,008.000	Ft
0085	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	24.000	Ea
0090	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	15,010.000	Ft
0095	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	7,174.000	Ft
0100	Rem Spec Mrkg	8110343	23,585.000	Sft
0105	Protective Ovly, Snowmobile Trail Crossing	8110550	1,051.000	Syd
0110	Scarification, for Polyurea Spec Mrkg	8112159	35,330.000	Sft
0115	_ Call Back, Intermediate Transportation, Spec Marking, \$4.55	8117003	500.000	Mi
0120	_ Call Back, Intermediate Transportation, Surface Preparation, 3.75	8117003	100.000	Mi

0125	_ Call Back, Mobilization, Spec Marking, \$570.00	8117050	4.000	Ea
0130	_ Call Back, Mobilization, Surface Preparation, \$470.00	8117050	1.000	Ea
0135	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	1.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 031**Letting Date:** March 4, 2022**Contract ID:** 74032-202642**Description:** Non-freeway signing upgrade on M-19 and M-90 in the cities of Brown City, Croswell and Sandusky, Huron and Sanilac Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202642A	22A0318	N/A	STG 74032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$61,500.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	150.000	Syd
0015	Exploratory Investigation, Vertical	2040080	10.000	Ft
0020	Sidewalk, Conc, 4 inch	8030044	150.000	Sft
0025	Band, Sign	8100010	121.000	Ea
0030	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	233.000	Ea
0035	Fdn, Wood Support, Rem	8100280	87.000	Ea
0040	Installing MDOT Supplied Sign, Type III	8100302	83.000	Ea
0045	Post Hole Through Conc for Steel Post	8100340	29.000	Ea
0050	Post Hole Through Conc for Wood Post	8100341	3.000	Ea
0055	Delineator, Rem	8100349	4.000	Ea
0060	Post, Rigid, Delineator	8100361	233.000	Ea
0065	Post, Steel, 3 lb	8100371	30,216.000	Ft
0070	Post, Wood, 4 inch by 6 inch	8100380	1,926.000	Ft
0075	Post, Wood, 6 inch by 8 inch	8100382	1,094.000	Ft
0080	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0085	Sign, Type I, Rem	8100391	1.000	Ea
0090	Sign, Type II, Erect, Salv	8100396	6.000	Ea
0095	Sign, Type II, Rem	8100397	199.000	Ea
0100	Sign, Type IIA	8100398	1,726.000	Sft
0105	Sign, Type IIB	8100399	62.000	Sft
0110	Sign, Type III, Erect, Salv	8100402	230.000	Ea
0115	Sign, Type III, Rem	8100403	1,718.000	Ea
0120	Sign, Type IIIA	8100404	2,436.000	Sft
0125	Sign, Type IIIB	8100405	5,846.000	Sft
0130	Sign, Type V, Rem	8100421	2.000	Ea
0135	Sign, Type V, Erect, Salv	8100422	1.000	Ea

0140	Sign, Type VA	8100424	84.000	Sft
0145	Sign, Type VB	8100425	513.000	Sft
0150	Reflective Panel for Permanent Sign Support, 3 foot	8100613	141.000	Ea
0155	Reflective Panel for Permanent Sign Support, 6 foot	8100616	792.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	240.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	240.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0175	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0185	Mobile Attenuator	8120180	2.000	Ea
0190	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0195	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0200	Sign Cover	8120310	6.000	Ea
0205	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0210	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	Contractor Staking	8240001	1.000	LSUM
0235	Staking Plan Errors and Extras, Max \$180/hour	8240002	3.000	Hr



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 032**Letting Date:** March 4, 2022**Contract ID:** 32000-212147

Description: 7.72 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Atwater Road from M-53 east to the west village limits of the village of Ubly, Huron County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212147A	22A0204	N/A	STL 32000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$104,500.00	1100001	1.000	LSUM
0010	_ Approach, CI II, Modified	3077031	140.000	Ton
0015	_ Shld, CI II, Modified	3077031	2,720.000	Ton
0020	Pavt, Cleaning	5010001	1.000	LSUM
0025	Cold Milling HMA Surface	5010002	126,136.000	Syd
0030	HMA Approach	5010061	210.000	Ton
0035	_ HMA 13A, Mod. T	5017031	11,625.000	Ton
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	81,574.000	Ft
0045	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,158.000	Ft
0050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0055	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,260.000	Ft
0070	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	3,260.000	Ft
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	632.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	632.000	Sft
0085	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 220304 033

Letting Date: March 4, 2022

Contract ID: 33000-205865

Description: 1.00 mi of hot mix asphalt reconstruction, concrete sidewalk and ramps, storm sewer and pavement markings on Waverly Road from Holmes Road to Jolly Road 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
205865A	22A0192	N/A	STU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio Visual Filming	1047051	1.000	LSUM
0010	Mobilization, Max \$234,300.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	7.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	610.000	Ft
0025	Sewer, Rem, 24 inch to 48 inch	2030016	106.000	Ft
0030	Curb and Gutter, Rem	2040020	3,200.000	Ft
0035	Sidewalk, Rem	2040055	429.000	Syd
0040	_ Pavt, Rem, Modified	2047011	24,714.000	Syd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0055	_ Machine Grading, Modified	2057002	55.000	Sta
0060	_ Dewatering System for Petroleum Contaminated Groundwater, Site	2057051	1.000	LSUM
0065	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	31.000	Ea
0070	_ Street Sweeping	2087050	16.000	Ea
0075	Project Cleanup	2090001	1.000	LSUM
0080	Subbase, CIP	3010002	13,283.000	Cyd
0085	Aggregate Base, 8 inch	3020020	903.000	Syd
0090	Aggregate Base, 10 inch	3020026	25,757.000	Syd
0095	Sewer, Cl A, 12 inch, Tr Det B	4020033	43.000	Ft
0100	Sewer, Cl A, 15 inch, Tr Det B	4020034	341.000	Ft
0105	Sewer, Cl A, 24 inch, Tr Det B	4020036	34.000	Ft
0110	Video Taping Sewer and Culv Pipe	4021275	713.000	Ft
0115	Dr Structure Cover, Adj, Case 1	4030005	28.000	Ea
0120	Dr Structure, 48 inch dia	4030210	1.000	Ea
0125	Dr Structure, 60 inch dia	4030220	1.000	Ea
0130	Dr Structure, 72 inch dia	4030230	1.000	Ea

0135	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	7.000	Ft
0140	Dr Structure, Add Depth of 96 inch dia, more than 15 foot	4030236	3.000	Ft
0145	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	7.000	Ft
0150	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	3.000	Ft
0155	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	7.000	Ft
0160	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	3.000	Ft
0165	Dr Structure, Cleaning	4030290	59.000	Ea
0170	Dr Structure, Temp Lowering	4030390	28.000	Ea
0175	_ Dr Structure Cover, Modified	4037050	7.000	Ea
0180	_ Sanitary Sewer, Dr Structure, 72 inch dia	4037050	1.000	Ea
0185	_ Sanitary Sewer, Dr Structure, 96 inch dia	4037050	1.000	Ea
0190	_ Sanitary Structure, Structure, 48 inch dia	4037050	1.000	Ea
0195	Cold Milling HMA Surface	5010002	1,556.000	Syd
0200	Hand Patching	5010025	10.000	Ton
0205	HMA Approach	5010061	486.000	Ton
0210	HMA, 3EMH	5012014	4,024.000	Ton
0215	HMA, 4EMH	5012026	3,567.000	Ton
0220	HMA, 5EMH	5012038	2,141.000	Ton
0225	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	23.000	Syd
0230	Driveway, Nonreinf Conc, 6 inch	8010005	160.000	Syd
0235	Driveway, Nonreinf Conc, 7 inch	8010006	330.000	Syd
0240	Curb and Gutter, Conc, Det F4	8020038	2,889.000	Ft
0245	Driveway Opening, Conc, Det M	8020050	256.000	Ft
0250	Curb Ramp Opening, Conc	8030030	96.000	Ft
0255	Sidewalk, Conc, 4 inch	8030044	13,291.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	1,267.000	Sft
0265	Curb Ramp, Conc, 6 inch	8032002	1,557.000	Sft
0270	_ Detectable Warning Surface, Modified	8037001	158.000	Ft
0275	Fence, Protective	8080007	200.000	Ft
0280	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0285	Sign, Type III, Rem	8100403	2.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,265.000	Ft
0295	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	120.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	228.000	Ft
0305	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	4.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0315	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,680.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,357.000	Ft
0325	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,680.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,357.000	Ft
0335	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	36.000	Ea

0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	36.000	Ea
0345	Minor Traf Devices	8120170	1.000	LSUM
0350	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0355	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0360	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0365	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	702.000	Sft
0375	Sign, Type B, Temp, Prismatic, Oper	8120351	702.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	98.000	Sft
0385	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	98.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0395	_ Turf Establishment, Performance	8167011	7,500.000	Syd
0400	Gate Box, Adj, Case 1	8230431	1.000	Ea
0405	_ Sanitary Sewer, CL A, 15 inch, Tr Det B	8257001	115.000	Ft
0410	_ Sanitary Sewer, CL IV, 21 inch, Tr Det B	8257001	8.000	Ft
0415	_ Sanitary Sewer, CL IV, 24 inch, Tr Det B	8257001	48.000	Ft
0420	_ Sanitary Sewer, CL IV, 27 inch, Tr Det B	8257001	8.000	Ft
0425	_ Sanitary Sewer, CL52 DI, 18 inch, Tr Det B	8257001	156.000	Ft
0430	_ Sanitary Sewer, Lateral Service, CL A, 6 inch	8257001	10.000	Ft
0435	_ Sanitary Sewer, Spot Repair, CL A, 8 inch	8257001	10.000	Ft
0440	_ Sanitary Sewer, Spot Repair, CL A, 15 inch	8257050	50.000	Ea
0445	_ Sanitary Sewer, Wye Branch Connector, 15 inch x 6 inch	8257050	1.000	Ea



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 034**Letting Date:** March 4, 2022**Contract ID:** 77000-205146

Description: 12.94 mi of single chip and fog seal, hot mix asphalt shoulder widening with milled corrugations and pavement markings on Kilgore Road from Lapeer Road north to Metcalf Road and from south of Mericle Road to south of Beard Road and Yale Road from the Yale city limits to east of Duce Road, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205146A	22A0198	N/A	STL 77000
205147A	22A0200	N/A	STL 77000
211831A	22A0199	N/A	HRRR 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$48,000.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	Trenching	3070200	49.000	Sta
0020	_ Shld, CI II, Modified	3077031	131.000	Ton
0025	HMA, 3C	5010031	568.000	Ton
0030	HMA, 4EML	5012025	378.000	Ton
0035	Seal, Single Chip	5050001	151,842.000	Syd
0040	_ Seal, Fog	5057011	157,366.000	Syd
0045	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	86.000	Ft
0065	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,973.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	118,162.000	Ft
0075	Rem Spec Mrkg	8110343	101.000	Sft
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	80.000	Ea
0085	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	80.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,303.000	Ea
0110	Sign Cover	8120310	21.000	Ea
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	1,636.000	Sft

0120	Sign, Type B, Temp, Prismatic, Oper	8120351	1,636.000	Sft
0125	Traf Regulator Control	8120370	1.000	LSUM
0130	Non-Freeway Shld Corrugations, Milled, HMA	8220025	6,995.000	Ft



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 035**Letting Date:** March 4, 2022**Contract ID:** 73000-205662

Description: 0.67 mi of hot mix asphalt reconstruction, storm sewer, pavement repairs, concrete curb and gutter, ramps, sidewalk, signing and pavement markings on Holland Avenue from Woodbridge Street to Hamilton Street and on Remington Street from Water Street to Washington Avenue (M-13) in the city of Saginaw, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205662A	22A0201	N/A	STUL 73000
205669A	22A0202	N/A	STUL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$261,300.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	8.000	Ea
0015	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0025	Dr Structure, Rem	2030011	30.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	680.000	Ft
0035	Curb and Gutter, Rem	2040020	2,840.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0045	Sidewalk, Rem	2040055	2,370.000	Syd
0050	Exploratory Investigation, Vertical	2040080	120.000	Ft
0055	_ Driveway, Rem	2047011	635.000	Syd
0060	_ Pavt, Rem, Modified	2047011	13,729.000	Syd
0065	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0075	_ Machine Grading, Modified	2057002	30.000	Sta
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0085	Subbase, CIP	3010002	4,540.000	Cyd
0090	Aggregate Base, Conditioning	3020050	189.000	Syd
0095	_ Aggregate Base, 10 inch, Modified	3027011	10,801.000	Syd
0100	_ Aggregate Base, 6 inch, Modified	3027011	2,060.000	Syd
0105	_ Maintenance Gravel, Modified	3067031	500.000	Ton
0110	Geotextile, Separator	3080005	12,820.000	Syd
0115	Sewer Tap, 10 inch	4021203	5.000	Ea
0120	Sewer Tap, 12 inch	4021204	10.000	Ea
0125	Sewer Tap, 48 inch	4021211	2.000	Ea

0130	_ Cured-In-Place Pipe Lining, 12 inch	4027001	177.000	Ft
0135	_ Cured-In-Place Pipe Lining, 48 inch	4027001	20.000	Ft
0140	_ Sewer, 12 inch, SDR-26	4027001	577.000	Ft
0145	_ Sewer, 6 inch, SDR-26	4027001	50.000	Ft
0150	_ Sewer Trap	4027050	29.000	Ea
0155	Dr Structure, Tap, 12 inch	4030312	14.000	Ea
0160	_ Combined Sewer Manhole, Adj, Add Depth	4037001	11.000	Ft
0165	_ Cured-In-Place Mh Lining	4037001	75.000	Ft
0170	_ Combined Sewer Manhole Cover, Adj, Case 1	4037050	27.000	Ea
0175	_ Dr Structure Cover, ADA Compliant, Modified	4037050	1.000	Ea
0180	_ Dr Structure Cover, Type B, Modified	4037050	24.000	Ea
0185	_ Dr Structure Cover, Type K, Modified	4037050	30.000	Ea
0190	_ Dr Structure, 48 inch dia, Modified	4037050	35.000	Ea
0195	_ Dr Structure, 84 inch dia, Modified	4037050	1.000	Ea
0200	_ Gas and Water Shutoff, Adj, Modified	4037050	10.000	Ea
0205	Underdrain, Subgrade, 6 inch	4040073	4,290.000	Ft
0210	HMA Approach	5010061	725.000	Ton
0215	HMA, 4EML	5012025	1,060.000	Ton
0220	HMA, 5EML	5012037	1,570.000	Ton
0225	_ Conc Pavt with Curb, Nonreinf, 7 inch, Modified	6027011	59.000	Syd
0230	_ Conc Pavt, Nonreinf, 7 inch, Modified	6027011	25.000	Syd
0235	Pavt Repr, Rem	6030080	127.000	Syd
0240	Saw Cut, Intermediate	6030090	168.000	Ft
0245	_ Pavt Repr with Curb, Nonreinf Conc, 7 inch, Modified	6037011	94.000	Syd
0250	_ Pavt Repr, Nonreinf Conc, 7 inch, Modified	6037011	11.000	Syd
0255	_ Driveway, Nonreinf Conc, 7 inch, Modified	8017011	747.000	Syd
0260	Curb, Conc, Det E2	8020002	110.000	Ft
0265	Curb and Gutter, Conc, Det F4	8020038	5,785.000	Ft
0270	Driveway Opening, Conc, Det M	8020050	282.000	Ft
0275	Curb Ramp Opening, Conc	8030030	374.000	Ft
0280	_ Detectable Warning Surface, Cast Iron	8037001	295.000	Ft
0285	_ Curb Ramp, Conc, 4 inch, Modified	8037010	4,400.000	Sft
0290	_ Curb Ramp, Conc, 7 inch, Modified	8037010	2,710.000	Sft
0295	_ Sidewalk, Conc, 4 inch, Modified	8037010	10,820.000	Sft
0300	_ Sidewalk, Conc, 7 inch, Modified	8037010	3,700.000	Sft
0305	Post, Steel, 3 lb	8100371	1,336.000	Ft
0310	Sign, Type III, Erect, Salv	8100402	48.000	Ea
0315	Sign, Type III, Rem	8100403	147.000	Ea
0320	Sign, Type IIIA	8100404	154.000	Sft
0325	Sign, Type IIIB	8100405	250.000	Sft
0330	Reflective Panel for Permanent Sign Support, 6 foot	8100616	48.000	Ea
0335	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	435.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	300.000	Ft
0345	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea

0350	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,100.000	Ft
0355	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,100.000	Ft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	72.000	Ea
0365	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	72.000	Ea
0370	Pedestrian Type II Barricade, Temp	8120026	170.000	Ea
0375	Minor Traf Devices	8120170	1.000	LSUM
0380	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0385	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	1,190.000	Sft
0395	Sign, Type B, Temp, Prismatic, Oper	8120351	1,190.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	399.000	Sft
0405	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	399.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0415	_ Turf Establishment, Performance	8167011	6,200.000	Syd
0420	Monument Box	8210001	2.000	Ea
0425	Monument Preservation	8210010	2.000	Ea
0430	_ Monument Box Adj, Modified	8217050	4.000	Ea
0435	Live Tap, 8 inch by 12 inch	8230264	1.000	Ea
0440	_ Water Main, 16 inch, Directional Bore	8237001	10.000	Ft
0445	_ Water Main, 8 inch, Directional Bore	8237001	20.000	Ft
0450	_ Water Main, 8 inch, Tr Det G, Modified	8237001	3,125.000	Ft
0455	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	120.000	Ft
0460	_ Connection To Existing 16 inch Water Main	8237050	2.000	Ea
0465	_ Connection To Existing 4 inch Water Main	8237050	1.000	Ea
0470	_ Connection To Existing 6 inch Water Main	8237050	16.000	Ea
0475	_ Gate Valve and Box, 16 inch, Modified	8237050	2.000	Ea
0480	_ Gate Valve and Box, 8 inch, Modified	8237050	32.000	Ea
0485	_ Hydrant, Complete, 6 inch	8237050	9.000	Ea
0490	_ Hydrant, Rem, Modified	8237050	9.000	Ea
0495	_ Water Serv, Long, Modified	8237050	5.000	Ea
0500	_ Water Serv, Modified	8237050	6.000	Ea
0505	_ Abandon Existing Water Main, In Place	8237051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 220304 036

Letting Date: March 4, 2022

Contract ID: 24000-208199

Description: 0.48 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk, sidewalk ramps and pavement markings on State Street from Howard Street to Kalamazoo Avenue in the city of Petoskey, Emmet County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208199A	22A0237	N/A	STUL 24000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$52,900.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	3,974.000	Ft
0015	Sidewalk, Rem	2040055	1,085.000	Syd
0020	_ Driveway, Rem	2047011	379.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0030	Dr Structure Cover, Adj, Case 1	4030005	31.000	Ea
0035	_ Dr Structure Cover, Type B, Modified	4037050	9.000	Ea
0040	_ Dr Structure Cover, Type D, Modified	4037050	1.000	Ea
0045	_ Dr Structure Cover, Type K, Modified	4037050	11.000	Ea
0050	_ Dr Structure Cover, Type Q, Modified	4037050	10.000	Ea
0055	Pavt, Cleaning	5010001	1.000	LSUM
0060	Cold Milling HMA Surface	5010002	10,663.000	Syd
0065	HMA Surface, Rem	5010005	885.000	Syd
0070	Hand Patching	5010025	322.000	Ton
0075	HMA Approach	5010061	134.000	Ton
0080	HMA, 4EML	5012025	1,161.000	Ton
0085	_ Driveway, Nonreinf Conc, 6 inch, City Det	8017011	382.000	Syd
0090	_ Curb and Gutter, Conc, City Det	8027001	3,716.000	Ft
0095	_ Curb Ramp Opening, Conc, City Det	8037001	258.000	Ft
0100	_ Detectable Warning Surface, Modified	8037001	184.000	Ft
0105	_ Curb Ramp, Conc, 6 inch, City Det	8037010	2,383.000	Sft
0110	_ Sidewalk, Conc, 4 inch, City Det	8037010	6,120.000	Sft
0115	_ Sidewalk, Conc, 6 inch, City Det	8037010	755.000	Sft
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0130	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea

0135	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	165.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	165.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0165	_ Topsoil Surface, Furn, 4 inch, Modified	8167011	2,360.000	Syd
0170	_ Water Service Box	8237050	3.000	Ea
0175	_ Water Valve, Adj, Case 1	8237050	17.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220304 037

Letting Date: March 4, 2022

Contract ID: 33000-205863

Description: 0.53 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, sanitary and storm sewer and pavement markings on Pennsylvania Avenue from Mt. Hope Avenue to Health Care Court 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
205863A	22A0236	N/A	STU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio Visual Filming	1047051	1.000	LSUM
0010	Mobilization, Max \$206,200.00	1100001	1.000	LSUM
0015	Stump, Rem, 19 inch to 36 inch	2020006	6.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	13.000	Ea
0025	Dr Structure, Rem	2030011	35.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	794.000	Ft
0035	Sewer, Rem, 24 inch to 48 inch	2030016	49.000	Ft
0040	Curb and Gutter, Rem	2040020	8,152.000	Ft
0045	Guardrail, Rem	2040035	547.000	Ft
0050	Sidewalk, Rem	2040055	2,265.000	Syd
0055	_ Pavt, Rem, Modified	2047011	18,399.000	Syd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0070	_ Machine Grading, Modified	2057002	28.000	Sta
0075	_ Dewatering System for Petroleum Contaminated Groundwater, Site	2057051	1.000	LSUM
0080	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	39.000	Ea
0085	_ Street Sweeping	2087050	16.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0095	Subbase, CIP	3010002	6,904.000	Cyd
0100	Aggregate Base, 8 inch	3020020	16,977.000	Syd
0105	_ Aggregate Base, 6.5 inch	3027011	2,199.000	Syd
0110	Sewer, Cl A, 12 inch, Tr Det B	4020033	339.000	Ft
0115	Sewer, Cl A, 15 inch, Tr Det B	4020034	104.000	Ft
0120	Sewer, Cl A, 18 inch, Tr Det B	4020035	38.000	Ft
0125	Sewer, Cl A, 24 inch, Tr Det B	4020036	10.000	Ft
0130	Video Taping Sewer and Culv Pipe	4021275	216.000	Ft

0135	_ Sewer Spot Repair, CL A, 12 inch	4027001	109.000	Ft
0140	_ Sewer Spot Repair, CL A, 15 inch	4027001	40.000	Ft
0145	_ Sewer Spot Repair, CL A, 18 inch	4027001	20.000	Ft
0150	_ Sewer Spot Repair, CL A, 24 inch	4027001	49.000	Ft
0155	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0160	Dr Structure, 48 inch dia	4030210	17.000	Ea
0165	Dr Structure, Cleaning	4030290	32.000	Ea
0170	Dr Structure, Temp Lowering	4030390	14.000	Ea
0175	_ Dr Structure Cover, Modified	4037050	34.000	Ea
0180	_ Sanitary Structure, Structure, 48 inch dia	4037050	16.000	Ea
0185	Hand Patching	5010025	10.000	Ton
0190	HMA Approach	5010061	540.000	Ton
0195	HMA, 3EMH	5012014	2,560.000	Ton
0200	HMA, 4EMH	5012026	1,715.000	Ton
0205	HMA, 5EMH	5012038	1,280.000	Ton
0210	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	150.000	Syd
0215	Driveway, Nonreinf Conc, 6 inch	8010005	910.000	Syd
0220	Curb and Gutter, Conc, Det F4	8020038	7,850.000	Ft
0225	Curb Ramp Opening, Conc	8030030	292.000	Ft
0230	Sidewalk, Conc, 4 inch	8030044	15,310.000	Sft
0235	Sidewalk, Conc, 6 inch	8030046	5,315.000	Sft
0240	Curb Ramp, Conc, 6 inch	8032002	3,364.000	Sft
0245	_ Detectable Warning Surface, Modified	8037001	217.000	Ft
0250	Guardrail, Type B	8070000	547.000	Ft
0255	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0260	Fence, Protective	8080007	200.000	Ft
0265	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0270	Sign, Type III, Rem	8100403	7.000	Ea
0275	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,192.000	Ft
0280	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	309.000	Ft
0285	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,545.000	Ft
0295	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,365.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,545.000	Ft
0305	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,365.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	46.000	Ea
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	46.000	Ea
0320	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0325	Minor Traf Devices	8120170	1.000	LSUM
0330	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0335	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0340	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0345	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea

0350	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0355	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0365	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0375	Site Preparation, Max \$5,000.00	8150001	1.000	LSUM
0380	Watering and Cultivating, First Season, Min \$5,000.00	8150002	1.000	LSUM
0385	Watering and Cultivating, 2nd Season, Min \$5,000.00	8150003	1.000	LSUM
0390	Betula nigra 'Heritage', tree form, 2 inch B&B	8150533	5.000	Ea
0395	Carpinus betulus, 2 inch B&B	8150723	8.000	Ea
0400	Crataegus crusgalli 'Inermis', 2 inch B&B	8151132	2.000	Ea
0405	Eucommia ulmoides, 2 inch B&B	8151344	5.000	Ea
0410	Gleditsia triacanthos inermis 'Skyline', 2 inch B&B	8151660	3.000	Ea
0415	Gymnocladus dioicus, 2 inch B&B	8151676	4.000	Ea
0420	Koelreuteria paniculata, 2 inch B&B	8152045	3.000	Ea
0425	Liquidambar styraciflua, 2 inch B&B	8152164	3.000	Ea
0430	Ostrya virginiana, 2 inch B&B	8152528	6.000	Ea
0435	Platanus x acerifolia 'Bloodgood', 2 inch B&B	8152885	2.000	Ea
0440	Quercus bicolor, 2 inch B&B	8153044	2.000	Ea
0445	_ Turf Establishment, Performance	8167011	6,600.000	Syd
0450	Gate Box, Adj, Case 1	8230431	1.000	Ea
0455	_ Water Main, 16 inch, Tr Det G, Modified	8237001	92.000	Ft
0460	_ Water Main, 6 inch, Abandon and Fill	8237001	2,685.000	Ft
0465	_ Water Main, 6 inch, Tr Det G, Modified	8237001	371.000	Ft
0470	_ Water Main, 8 inch, Tr Det G, Modified	8237001	476.000	Ft
0475	_ Water Service, 1 inch	8237001	32.000	Ft
0480	_ Water Service, 2 inch	8237001	31.000	Ft
0485	_ Water Service, 3/4 inch	8237001	782.000	Ft
0490	_ Environmental Joint, 16 inch, Mechanical Joint	8237050	2.000	Ea
0495	_ Environmental Joint, 6 inch, Mechanical Joint	8237050	5.000	Ea
0500	_ Environmental Joint, 6 inch, Restrained Stab Joint	8237050	5.000	Ea
0505	_ Environmental Joint, 6 inch, Unrestrained Stab Joint	8237050	5.000	Ea
0510	_ Environmental Joint, 8 inch, Mechanical Joint	8237050	5.000	Ea
0515	_ Environmental Joint, 8 inch, Restrained Stab Joint	8237050	5.000	Ea
0520	_ Environmental Joint, 8 inch, Unrestrained Stab Joint	8237050	5.000	Ea
0525	_ Fire Hydrant Excavation & Backfill	8237050	7.000	Ea
0530	_ Fire Hydrant Valve Assembly	8237050	7.000	Ea
0535	_ Gate Valve and Box, 16 inch, Modified	8237050	2.000	Ea
0540	_ Gate Valve and Box, 8 inch, Modified	8237050	10.000	Ea
0545	_ Water Main Fitting, 16 inch x 8 inch, Cross	8237050	3.000	Ea
0550	_ Water Main Fitting, 16 inch x 8 inch, Tee	8237050	4.000	Ea
0555	_ Water Main Fitting, 16 inch, Sleeve	8237050	9.000	Ea
0560	_ Water Main Fitting, 6 inch, 45 Deg Bend	8237050	21.000	Ea
0565	_ Water Main Fitting, 6 inch, Cap Off	8237050	11.000	Ea
0570	_ Water Main Fitting, 6 inch, Sleeve	8237050	10.000	Ea

0575	_ Water Main Fitting, 8 inch x 6 inch, Reducer	8237050	11.000	Ea
0580	_ Water Main Fitting, 8 inch x 6 inch, Tee	8237050	7.000	Ea
0585	_ Water Main Fitting, 8 inch, 45 Deg Bend	8237050	27.000	Ea
0590	_ Water Main, Connect to Existing	8237050	17.000	Ea
0595	_ Water Service, Main Connection, 1 1/2 inch	8237050	1.000	Ea
0600	_ Water Service, Main Connection, 1 inch	8237050	2.000	Ea
0605	_ Water Service, Main Connection, 2 inch	8237050	1.000	Ea
0610	_ Water Service, Main Connection, 3/4 inch	8237050	56.000	Ea
0615	_ Sanitary Sewer, CL A, 8 inch, Tr Det B	8257001	302.000	Ft
0620	_ Sanitary Sewer, Lateral Service, CL A, 6 inch	8257001	290.000	Ft
0625	_ Sanitary Sewer, Spot Repair, CL A, 8 inch	8257001	223.000	Ft
0630	_ Sanitary Sewer, Wye Branch Connector, 8 inch x 6 inch	8257050	29.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220304 038

Letting Date: March 4, 2022

Contract ID: 63000-207325

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207325A	22A0326	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$106,800.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	205.000	Ft
0015	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	75.000	Ea
0020	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	82.000	Ea
0025	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	778.000	Ea
0030	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	5.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	189.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	6.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	15.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	731.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, School	8110074	59.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	28.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	53.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	69.000	Ea
0075	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	80,554.000	Ft
0080	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	8.000	Ea
0085	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	13,699.000	Ft
0090	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	6,707.000	Ft
0095	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	24,271.000	Ft
0100	Pavt Mrkg, Polyurea, 12 inch, White	8110111	2,255.000	Ft
0105	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	42,393.000	Ft
0110	Rem Spec Mrkg	8110343	23,000.000	Sft
0115	Recessing Pavt Mrkg, Transv	8110451	1,000.000	Sft
0120	Recessing Pavt Mrkg, Guide Line	8110453	2,000.000	Ft
0125	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	3,857.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	315.000	Ft

0135	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Thru Guide Line, White	8110566	291.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	74.000	Ea
0145	Pavt Mrkg, Polyurea, Yield Triangle Sym	8112173	133.000	Ea
0150	_ Call Back, Intermediate Transportation, Spec Mrkg, \$4.55	8117003	250.000	Mi
0155	_ Call Back, Intermediate Transportation, Surface Preparation, \$3.75	8117003	250.000	Mi
0160	_ Scarification, for Polyurea Spec Mrkg	8117010	172,738.000	Sft
0165	_ Call Back, Mobilization, Spec Mrkg, \$570.00	8117050	5.000	Ea
0170	_ Call Back, Mobilization, Surface Preparation, \$470.00	8117050	5.000	Ea
0175	Minor Traf Devices	8120170	1.000	LSUM



2/3/2022 3:36 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 212**Letting Date:** March 4, 2022**Contract ID:** 41000-205545

Description: 0.33 mi of hot mix asphalt reconstruction, concrete curb, gutter and ramps, storm sewer and pavement markings on Kinsey Street from Maple Street northwesterly to Main Street in the village of Caledonia, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205545A	21A1036	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$52,700.00	1100001	1.000	LSUM
0010	_ Roadway Grading	2017002	18.000	Sta
0015	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0020	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0025	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0030	Dr Structure, Abandon	2030010	1.000	Ea
0035	Dr Structure, Rem	2030011	4.000	Ea
0040	Curb and Gutter, Rem	2040020	135.000	Ft
0045	Pavt, Rem	2040050	5,880.000	Syd
0050	Sidewalk, Rem	2040055	30.000	Syd
0055	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0065	Subbase, CIP	3010002	2,035.000	Cyd
0070	Aggregate Base, 8 inch	3020020	5,750.000	Syd
0075	Maintenance Gravel	3060020	500.000	Ton
0080	Approach, CI I, 6 inch	3070008	355.000	Syd
0085	Approach, CI II, 6 inch	3070028	150.000	Syd
0090	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0095	Sewer, CI II, 12 inch, Tr Det B	4020748	673.000	Ft
0100	Sewer, CI II, 15 inch, Tr Det B	4020749	10.000	Ft
0105	Sewer Tap, 15 inch	4021205	2.000	Ea
0110	Trench Undercut and Backfill	4021260	100.000	Cyd
0115	Video Taping Sewer and Culv Pipe	4021275	683.000	Ft
0120	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0125	Dr Structure Cover, Type B	4030010	1.000	Ea
0130	Dr Structure Cover, Type C	4030015	1.000	Ea
0135	Dr Structure Cover, Type D	4030025	3.000	Ea

0140	Dr Structure Cover, Type K	4030050	4.000	Ea
0145	Dr Structure, 24 inch dia	4030200	3.000	Ea
0150	Dr Structure, 48 inch dia	4030210	5.000	Ea
0155	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0160	Underdrain, Subbase, 6 inch	4040063	1,000.000	Ft
0165	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0170	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0175	HMA Surface, Rem	5010005	5,480.000	Syd
0180	HMA, 13A	5010033	1,395.000	Ton
0185	HMA Approach	5010061	170.000	Ton
0190	_ HMA Spillway	5017010	50.000	Sft
0195	Driveway, Nonreinf Conc, 6 inch	8010005	70.000	Syd
0200	Curb and Gutter, Conc, Det F4	8020038	1,190.000	Ft
0205	Detectable Warning Surface	8030010	25.000	Ft
0210	Curb Ramp Opening, Conc	8030030	25.000	Ft
0215	Sidewalk, Conc, 4 inch	8030044	40.000	Sft
0220	Curb Ramp, Conc, 6 inch	8032002	75.000	Sft
0225	Curb Slp, HMA	8050010	975.000	Ft
0230	Post, Mailbox	8070095	5.000	Ea
0235	Sign, Type IIIA	8100404	6.000	Sft
0240	Pavt Mrkg, Polyurea, 4 inch, White	8110091	40.000	Ft
0245	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,080.000	Ft
0250	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	184.000	Ft
0255	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	24.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0270	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0275	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0285	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	325.000	Sft
0295	Sign, Type B, Temp, Prismatic, Oper	8120351	325.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0305	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0315	Riprap, Plain	8130010	20.000	Syd
0320	Mulch Blanket	8160027	1,000.000	Syd
0325	_ Turf Restoration	8167011	2,500.000	Syd
0330	_ Hold Pole	8197050	7.000	Ea
0335	Monument Box	8210001	2.000	Ea
0340	Monument Preservation	8210010	2.000	Ea
0345	_ Flowable Fill	8267021	10.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 220304 217

Letting Date: March 4, 2022

Contract ID: 25000-209799

Description: Bridge reconstruction including superstructure replacement with 60 inch steel plate girders and approach work on Genesee Road over the Flint River, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209799A	N/A	N/A	MCS 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$266,200.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	4.000	Sta
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	49.000	Ft
0025	Guardrail, Rem	2040035	312.000	Ft
0030	Sidewalk, Rem	2040055	243.000	Syd
0035	_ Pavt, Rem, Modified	2047011	1,843.000	Syd
0040	Embankment, CIP	2050010	315.000	Cyd
0045	Excavation, Earth	2050016	1,433.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0055	Erosion Control, Silt Fence	2080036	650.000	Ft
0060	_ Aggregate Base, Modified	3027031	2,578.000	Ton
0065	Geotextile, Separator	3080005	3,185.000	Syd
0070	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0075	Dr Structure Cover, Type K	4030050	2.000	Ea
0080	Conc Pavt, Nonreinf, 9 inch	6020106	1,462.000	Syd
0085	Joint, Contraction, Cp	6020200	768.000	Ft
0090	Joint, Expansion, E2	6020207	240.000	Ft
0095	Joint, Expansion, E3	6020208	48.000	Ft
0100	_ Structure Name Plate	7067050	1.000	Ea
0105	Curb and Gutter, Conc, Det F5	8020039	548.000	Ft
0110	_ Curb and Gutter, Bridge Approach, Modified	8027001	84.000	Ft
0115	Sidewalk, Conc, 4 inch	8030044	1,947.000	Sft
0120	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0125	Guardrail Reflector	8070080	4.000	Ea
0130	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0135	_ Timber Backing	8077001	20.000	Ft

0140	Delineator Reflector, Green	8100133	4.000	Ea
0145	Post, Flexible, Delineator	8100360	4.000	Ea
0150	Sign, Type III, Rem	8100403	6.000	Ea
0155	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	28.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0165	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,006.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,576.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,006.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,576.000	Ft
0185	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,125.000	Ft
0190	Rem Spec Mrkg	8110343	93.000	Sft
0195	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0210	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0215	Conc Barrier Ending, Temp, Det 5, Furn	8120061	2.000	Ea
0220	Conc Barrier Ending, Temp, Det 5, Oper	8120062	2.000	Ea
0225	Conc Barrier Ending, Temp, Det 5, Relocated	8120063	2.000	Ea
0230	Conc Barrier Reflector Replacement	8120070	20.000	Ea
0235	Conc Barrier, Temp, Furn	8120081	888.000	Ft
0240	Conc Barrier, Temp, Oper	8120082	888.000	Ft
0245	Conc Barrier, Temp, Relocated	8120083	838.000	Ft
0250	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0255	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0265	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,910.000	Ft
0280	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	1,611.000	Ft
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,032.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,669.000	Ft
0295	Plastic Drum, Fluorescent, Furn	8120252	136.000	Ea
0300	Plastic Drum, Fluorescent, Oper	8120253	136.000	Ea
0305	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	54.000	Ft
0307	PTS System, Temp, Furn	8120270	1.000	Ea
0308	PTS System, Temp, Oper	8120271	1.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0315	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	9.000	Sft
0325	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	9.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM

0335	_ Turf Establishment, Performance-No Rye, Special	8167011	1,554.000	Syd
------	---	---------	-----------	-----

Section: 2

0340	Backfill, Structure, CIP	2060002	575.000	Cyd
0345	Excavation, Fdn	2060010	2,054.000	Cyd
0350	_ Fill, Lightweight, Expanded Polystyrene Block	2067021	1,148.000	Cyd
0355	Erosion Control, Turbidity Curtain, Deep	2080042	460.000	Ft
0360	Underdrain, Fdn, 4 inch	4040031	307.000	Ft
0365	Underdrain Outlet, 4 inch	4040091	60.000	Ft
0370	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0375	_ Conc Base Cse, Reinf, Spec	6027021	94.000	Cyd
0380	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	770.000	Sft
0385	_ Steel Sheet Piling, Temp, Spec	7047010	770.000	Sft
0390	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0395	Bridge Ltg, Oper and Maintain	7060002	306.000	Cyd
0400	Expansion Joint Device	7060050	53.000	Ft
0405	False Decking	7060060	8,526.000	Sft
0410	Reinforcement, Steel, Epoxy Coated	7060092	13,710.000	Lb
0415	Substructure Conc	7060100	79.000	Cyd
0420	Superstructure Conc	7060110	74.000	Cyd
0425	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0430	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0435	Superstructure Conc, Night Casting	7060113	306.000	Cyd
0440	_ PVC Liner for Expanded Polystyrene Block	7067011	810.000	Syd
0445	_ Reinforcement, Steel, Low Carbon Chromium	7067030	74,273.000	Lb
0450	Shear Developers	7070040	1.000	LSUM
0455	Structural Steel, Plate, Erect	7070060	278,520.000	Lb
0460	Structural Steel, Plate, Furn and Fab	7070061	278,520.000	Lb
0465	_ Bearing, Elastomeric, 2 1/8 inch	7077008	3,159.000	Sin
0470	Joint Waterproofing	7100001	540.000	Sft
0475	Joint Waterproofing, Expansion	7100003	345.000	Sft
0480	_ Silane Treatment	7107010	4,061.000	Sft
0485	Bridge Railing, Aesthetic Parapet Tube	7110005	268.000	Ft
0490	Epoxy Ovly	7120020	1,009.000	Syd
0495	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	72.000	Ea
0500	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	376.000	Ea
0505	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0510	_ Reinforcement, Mechanical Splice, Modified	7127050	145.000	Ea
0515	Field Repr of Damaged Coating	7160001	1.000	LSUM
0520	Fence, Structure	8080110	1,323.000	Sft



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 039**Letting Date:** March 4, 2022**Contract ID:** 53000-208204

Description: 0.40 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk ramps, water main, signing and pavement markings on Washington Avenue from Fourth Street to Water Street and on Water Street from Washington Avenue to Madison Street in the city of Ludington, Mason County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208204A	22A0217	N/A	STUL 53000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max Mobilization, Max. \$122,000	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	31.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	825.000	Ft
0020	Curb and Gutter, Rem	2040020	2,910.000	Ft
0025	Pavt, Rem	2040050	140.000	Syd
0030	Sidewalk, Rem	2040055	1,320.000	Syd
0035	Subgrade Undercutting, Type II	2050041	700.000	Cyd
0040	_ Machine Grading, Modified	2057002	22.000	Sta
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	58.000	Ea
0050	Erosion Control, Silt Fence	2080036	300.000	Ft
0055	Subbase, CIP	3010002	2,760.000	Cyd
0060	_ Aggregate Base, 6 inch, Modified	3027011	530.000	Syd
0065	_ Aggregate Base, 8 inch, Modified	3027011	8,270.000	Syd
0070	Sewer, CI IV, 12 inch, Tr Det B	4020987	770.000	Ft
0075	Sewer Tap, 4 inch	4021200	2.000	Ea
0080	Sewer Tap, 12 inch	4021204	3.000	Ea
0085	Video Taping Sewer and Culv Pipe	4021275	770.000	Ft
0090	_ Sewer, PVC, 4 inch, Tr Det B	4027001	25.000	Ft
0095	Dr Structure Cover, Type B	4030010	5.000	Ea
0100	Dr Structure Cover, Type C	4030015	3.000	Ea
0105	Dr Structure Cover, Type K	4030050	24.000	Ea
0110	Dr Structure Cover, Type W	4030080	1.000	Ea
0115	Dr Structure, Tap, 12 inch	4030312	9.000	Ea
0120	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	7.000	Ea
0125	_ Dr Structure, 24 inch Dia, Modified	4037050	14.000	Ea
0130	_ Dr Structure, 48 inch Dia, Modified	4037050	11.000	Ea
0135	HMA Surface, Rem	5010005	9,550.000	Syd

0140	HMA, 13A	5010033	410.000	Ton
0145	HMA Approach	5010061	105.000	Ton
0150	HMA, 4EML	5012025	675.000	Ton
0155	HMA, 5EML	5012037	675.000	Ton
0160	Driveway, Nonreinf Conc, 6 inch	8010005	120.000	Syd
0165	Curb and Gutter, Conc, Det F2	8020036	180.000	Ft
0170	Curb and Gutter, Conc, Det F4	8020038	3,215.000	Ft
0175	Driveway Opening, Conc, Det M	8020050	345.000	Ft
0180	Curb Ramp Opening, Conc	8030030	160.000	Ft
0185	Sidewalk, Conc, 4 inch	8030044	8,925.000	Sft
0190	Curb Ramp, Conc, 4 inch	8032001	2,785.000	Sft
0195	Curb Ramp, Conc, 6 inch	8032002	1,640.000	Sft
0200	_ Detectable Warning Surface, Mod, Cast Iron	8037001	100.000	Ft
0205	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0210	Post, Steel, 3 lb	8100371	93.000	Ft
0215	Sign, Type III, Rem	8100403	8.000	Ea
0220	Sign, Type IIIB	8100405	60.000	Sft
0225	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	290.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	260.000	Ft
0235	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,420.000	Ft
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0255	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0265	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	375.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	375.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	110.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	110.000	Sft
0295	Traf Regulator Control	8120370	1.000	LSUM
0300	_ Turf Restoration	8167002	22.000	Sta
0305	Hydrant, Rem	8230091	4.000	Ea
0310	_ Water Main, DI, 6 inch, Tr Det G, Mod	8237001	120.000	Ft
0315	_ Water Main, DI, 8 inch, Tr Det G, Mod	8237001	1,415.000	Ft
0320	_ Water Service, 1 inch	8237001	600.000	Ft
0325	_ Fire Hydrant, Mod	8237050	4.000	Ea
0330	_ Water Main, Bend, 45 Degree, 6 inch	8237050	4.000	Ea
0335	_ Water Main, Bend, 45 Degree, 8 inch	8237050	3.000	Ea
0340	_ Water Main, Reducer, 8 inch x 6 inch	8237050	3.000	Ea
0345	_ Water Main, Sleeve, 6 inch	8237050	5.000	Ea
0350	_ Water Main, Sleeve, 8 inch	8237050	3.000	Ea

0355	_ Water Main, Tee, 8 inch x 8 inch x 6 inch	8237050	6.000	Ea
0360	_ Water Main, Tee, 8 inch x 8 inch x 8 inch	8237050	4.000	Ea
0365	_ Water Main, Valve & Box, 6 inch	8237050	6.000	Ea
0370	_ Water Main, Valve & Box, 8 inch	8237050	11.000	Ea
0375	_ Water Service, Connect to Ex.	8237050	12.000	Ea
0380	_ Water Service, Corporation Stop, 1 inch	8237050	14.000	Ea
0385	_ Water Service, Curb Stop and Box, 1 inch	8237050	14.000	Ea
0390	Sanitary Structure, Rem	8252105	3.000	Ea
0395	Sanitary Structure, Tap, 8 inch	8252111	1.000	Ea
0400	Sanitary Sewer, Serv Lead, PVC, 6 inch	8252122	190.000	Ft
0405	_ Sanitary Sewer, Abandon	8257001	870.000	Ft
0410	_ Sanitary Sewer, PVC, 8 inch, Tr Det B, Mod	8257001	1,465.000	Ft
0415	_ Sanitary Sewer, Rem, Less than 24 inch	8257001	390.000	Ft
0420	_ Force Main, Connect to Existing	8257050	1.000	Ea
0425	_ Sanitary Structure Cover, Adj, Case 1, Mod	8257050	1.000	Ea
0430	_ Sanitary Structure Cover, Type San, Mod	8257050	7.000	Ea
0435	_ Sanitary Structure, 48 inch Dia, Mod	8257050	5.000	Ea
0440	_ Sanitary Structure, Abandon	8257050	3.000	Ea
0445	_ Sanitary Structure, Drop, 48 inch Dia	8257050	1.000	Ea



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 040**Letting Date:** March 4, 2022**Contract ID:** 73000-205716

Description: 1.44 mi of hot mix asphalt cold milling and resurfacing, trenching, aggregate shoulders and pavement markings on Kochville Road from Michigan Road to Westervelt Road, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205716A	22A0216	N/A	STUL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Huron and Eastern Railway	1027060	5,000.000	Dlr
0010	Mobilization, Max \$59,700.00	1100001	1.000	LSUM
0015	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0035	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0060	Erosion Control, Silt Fence	2080036	300.000	Ft
0065	_ Aggregate Base, 8 inch, Modified	3027011	5,516.000	Syd
0070	Maintenance Gravel	3060020	150.000	Ton
0075	_ Trenching, Modified	3077002	115.000	Sta
0080	_ Shld, CI II, 4 inch, Modified	3077011	3,065.000	Syd
0085	_ Approach, CI II, Modified	3077031	23.000	Ton
0090	_ Sump Pump Lead and Drain Tile Connection	4027001	150.000	Ft
0095	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0100	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0105	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0110	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0115	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0120	Underdrain Outlet, 6 inch	4040093	15.000	Ft
0125	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0130	Cold Milling HMA Surface	5010002	23,654.000	Syd

0135	Edge Trimming	5010009	11,395.000	Ft
0140	HMA, 4EL	5012024	600.000	Ton
0145	HMA, 5EL	5012036	2,671.000	Ton
0150	Post, Mailbox	8070095	3.000	Ea
0155	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,747.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,404.000	Ft
0165	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	14,747.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,404.000	Ft
0175	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	88.000	Ft
0180	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	3.000	Ea
0185	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
0195	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	24.000	Ft
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	607.000	Ft
0220	Plastic Drum, Fluorescent, Furn	8120252	170.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	170.000	Ea
0230	Sign Cover	8120310	28.000	Ea
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	640.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	640.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	19.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	19.000	Sft
0255	Traf Regulator Control	8120370	1.000	LSUM
0260	_ Slope Restoration, Modified	8167011	8,000.000	Syd
0265	Monument Box Adj	8210005	3.000	Ea
0270	Monument Preservation	8210010	3.000	Ea
0275	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0280	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0285	Gate Box, Adj, Case 1	8230431	2.000	Ea
0290	Gate Box, Adj, Case 2	8230432	2.000	Ea



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 041**Letting Date:** March 4, 2022**Contract ID:** 41000-211785**Description:** Installation of countdown pedestrian signals on various routes at 40 intersections, Kent County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211785A	22A0253	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$22,500.00	1100001	1.000	LSUM
0010	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0015	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
0020	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	Ea
0025	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0030	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0035	Minor Traf Devices	8120170	1.000	LSUM
0040	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0045	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0050	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	132.000	Ea
0055	TS, Pedestrian, Pedestal Mtd, Rem	8200181	21.000	Ea
0060	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	54.000	Ea
0065	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	78.000	Ea
0070	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
0075	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	15.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220304 042

Letting Date: March 4, 2022

Contract ID: 50000-211897

Description: 0.15 mi of concrete sidewalk and ramps, aluminum pedestals, rectangular rapid flashing beacons, signing and pavement markings on Stephens Road from Ridgcroft Avenue to I-94 in the city of Eastpointe, Macomb 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
211897A	22A0251	N/A	HSIP 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio Visual Record of Construction Area	1027051	1.000	LSUM
0010	Mobilization, Max \$9,300.00	1100001	1.000	LSUM
0015	_ Tree Root Trimming	2027050	12.000	Ea
0020	Curb and Gutter, Rem	2040020	24.000	Ft
0025	Sidewalk, Rem	2040055	48.000	Syd
0030	Excavation, Earth	2050016	108.000	Cyd
0035	Granular Material, CI II	2050023	50.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0045	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0050	Drain Casting Assembly, Type 1, Accessible	7172040	4.000	Ea
0055	Detectable Warning Surface	8030010	30.000	Ft
0060	Curb Ramp Opening, Conc	8030030	25.000	Ft
0065	Sidewalk, Conc, 4 inch	8030044	3,702.000	Sft
0070	Curb Ramp, Conc, 4 inch	8032001	225.000	Sft
0075	_ Curb Ramp, Conc, 8 inch	8037010	432.000	Sft
0080	Fence, Protective	8080007	723.000	Ft
0085	Sign, Type IIIB	8100405	24.000	Sft
0090	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	200.000	Ft
0095	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0100	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	39.000	Ft
0105	_ Traffic Maintenance and Control	8127051	1.000	LSUM
0110	_ Turf Establishment, Performance	8167011	40.000	Syd
0115	Pedestal, Alum	8200100	4.000	Ea
0120	Pedestal, Fdn	8200105	4.000	Ea
0125	Pushbutton and Sign	8200121	4.000	Ea
0130	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	4.000	Ea



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 043**Letting Date:** March 4, 2022**Contract ID:** 77000-207707**Description:** Bridge reconstruction with prefabricated steel truss and approach work on Gratiot Avenue over Belle River, St. Clair County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207707A	N/A	N/A	MCS 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$295,800.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	8.000	Ea
0015	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	41.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	450.000	Ft
0030	Guardrail, Rem	2040035	699.000	Ft
0035	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	_ Pavt, Rem, Modified	2047011	2,915.000	Syd
0045	_ Headwall, Rem	2047050	2.000	Ea
0050	Ditch Cleanout	2050006	2.000	Sta
0055	Embankment, CIP	2050010	33.000	Cyd
0060	Excavation, Earth	2050016	1,455.000	Cyd
0065	Erosion Control, Silt Fence	2080036	1,384.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0075	_ Subbase, Modified	3017021	844.000	Cyd
0080	_ Aggregate Base, Modified	3027031	1,691.000	Ton
0085	_ Approach, CI II, Modified	3077031	20.000	Ton
0090	_ Shoulder, CI II, Modified	3077031	144.000	Ton
0095	_ Shoulder, Cobble	3077031	50.000	Ton
0100	Road Grade Biaxial Geogrid	3082002	2,412.000	Syd
0105	_ Geotextile Base Reinforcement	3087011	2,412.000	Syd
0110	Culv, Downspout, 12 inch	4010795	38.000	Ft
0115	Underdrain, Fdn, 6 inch	4040033	183.000	Ft
0120	Underdrain, Pipe, Open-Graded, 6 inch	4040043	1,178.000	Ft
0125	Underdrain Outlet, 6 inch	4040093	168.000	Ft
0130	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0135	HMA, 3EML	5012013	401.000	Ton
0140	HMA, 4EML	5012025	268.000	Ton

0145	HMA, 5EML	5012037	195.000	Ton
0150	Reinforcement, Steel, Culv and Headwall	7060091	40.000	Lb
0155	Conc, Grade 3500	7062001	1.000	Cyd
0160	Downspout Header, Conc	8020070	1.000	Ea
0165	_ Curb and Gutter, Bridge Approach, Modified	8027001	125.000	Ft
0170	_ Shoulder Gutter, Conc, Det 2, Modified	8027050	1.000	Ea
0175	Guardrail, Type B	8070000	375.000	Ft
0180	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0185	Guardrail Reflector	8070080	28.000	Ea
0190	_ Guardrail Approach Terminal, Type 1B	8077050	4.000	Ea
0195	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,600.000	Ft
0200	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,600.000	Ft
0205	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	410.000	Ft
0210	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	410.000	Ft
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0225	Minor Traf Devices	8120170	1.000	LSUM
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	215.000	Sft
0235	Sign, Type B, Temp, Prismatic, Oper	8120351	215.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	90.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	90.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0255	Riprap, Plain	8130011	72.000	Ton
0260	_ Cobble Spillway	8137011	18.000	Syd
0265	_ Riprap, Cobble	8137011	154.000	Syd
0270	Slope Restoration, Non-Freeway, Type B	8162002	1,390.000	Syd
0275	Slope Restoration, Non-Freeway, Type C	8162003	977.000	Syd

Section: 2

0280	Structures, Rem Portions	2040061	1.000	LSUM
0285	Excavation, Channel	2050015	1,750.000	Cyd
0290	_ Embankment, River	2057021	51.000	Cyd
0295	Backfill, Structure, CIP	2060002	214.000	Cyd
0300	Excavation, Fdn	2060010	1,540.000	Cyd
0305	_ Backfill, Structure, Modified	2067021	166.000	Cyd
0310	Erosion Control, Filter Bag	2080014	4.000	Ea
0315	Erosion Control, Gravel Filter Berm	2080018	80.000	Ft
0320	Erosion Control, Turbidity Curtain, Deep	2080042	300.000	Ft
0325	Cofferdams	7040007	1.000	LSUM
0330	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0335	Pile, Steel, Furn and Driven, 14 inch	7050034	1,666.000	Ft
0340	Pile Point, Steel	7050039	46.000	Ea
0345	Pile, Steel, Splice	7050050	46.000	Ea

0350	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0355	Bridge Ltg, Oper and Maintain	7060002	196.000	Cyd
0360	Expansion Joint Device	7060050	71.000	Ft
0365	False Decking	7060060	6,142.000	Sft
0370	Reinforcement, Steel, Epoxy Coated	7060092	79,089.000	Lb
0375	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0380	Conc, Grade 3500, Subfooting	7062000	20.000	Cyd
0385	_ Conc, Grade 4500, Modified	7067021	31.000	Cyd
0390	_ Substructure Conc, Modified	7067021	296.000	Cyd
0395	_ Superstructure Conc, Night Casting Modified	7067021	196.000	Cyd
0400	_ Structure Name Plate	7067050	1.000	Ea
0405	_ Prefabricated Steel Truss Vehicular Bridge, Erect	7077051	1.000	LSUM
0410	_ Prefabricated Steel Truss Vehicular Bridge, Furn and Fab	7077051	1.000	LSUM
0415	Joint Waterproofing	7100001	206.000	Sft
0420	Bridge Railing, 2 Tube	7110008	348.000	Ft
0425	Field Repr of Damaged Coating	7160001	1.000	LSUM
0430	Riprap, Heavy	8130005	485.000	Syd
0435	_ Articulating Concrete Block System	8137011	295.000	Syd



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 044**Letting Date:** March 4, 2022**Contract ID:** 82000-212233

Description: 0.10 mi of culvert replacement including hot mix asphalt resurfacing, concrete box culvert, storm sewer and pavement markings on Vining Road at Blakely Drain north of Prescott Street to the south of Pennsylvania Road, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212233A	21A1034	N/A	EMRP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$96,400.00	1100001	1.000	LSUM
0010	_ Clearing, Special	2017002	6.000	Sta
0015	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0020	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0025	Embankment, CIP	2050010	2,320.000	Cyd
0030	Excavation, Channel	2050015	110.000	Cyd
0035	Excavation, Earth	2050016	800.000	Cyd
0040	Backfill, Structure, CIP	2060002	633.000	Cyd
0045	Excavation, Fdn	2060010	1,180.000	Cyd
0050	Erosion Control, Silt Fence	2080036	1,160.000	Ft
0055	Subbase, CIP	3010002	900.000	Cyd
0060	_ Aggregate Base, Modified	3027031	1,520.000	Ton
0065	Aggregate Surface Cse, 6 inch	3060010	152.000	Syd
0070	Shld, CI II, 6 inch	3070128	400.000	Syd
0075	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0080	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0085	Culv End Sect, Conc, 36 inch	4010053	1.000	Ea
0090	Sewer, CI E, 12 inch, Tr Det B	4020600	278.000	Ft
0095	Sewer, CI E, 15 inch, Tr Det B	4020601	100.000	Ft
0100	Sewer, CI E, 18 inch, Tr Det B	4020602	192.000	Ft
0105	Sewer, CI E, 36 inch, Tr Det B	4020605	292.000	Ft
0110	_ Mh D, 48 inch dia, Cover A	4037050	1.000	Ea
0115	_ Mh D, 48 inch dia, Cover C	4037050	2.000	Ea
0120	_ Mh D, 72 inch dia, Cover C	4037050	1.000	Ea
0125	Underdrain, Fdn, 4 inch	4040031	260.000	Ft
0130	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0135	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea

0140	Culv Bedding, Box Culv	4060005	106.000	Cyd
0145	_ Culv, Precast Conc Box, 18 foot by 7 foot	4067001	120.000	Ft
0150	HMA Surface, Rem	5010005	2,000.000	Syd
0155	_ Misc HMA, 3EML	5017031	330.000	Ton
0160	_ Misc HMA, 4EML	5017031	261.000	Ton
0165	_ Misc HMA, 5EML	5017031	198.000	Ton
0170	Reinforcement, Steel, Culv and Headwall	7060091	2,154.000	Lb
0175	Conc, Grade 3500	7062001	15.000	Cyd
0180	Joint Waterproofing	7100001	176.000	Sft
0185	Membrane, Preformed Waterproofing	7100008	4,560.000	Sft
0190	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,200.000	Ft
0195	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	400.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	476.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	476.000	Sft
0225	_ Riprap, Heavy, Modified	8137011	90.000	Syd
0230	Slope Restoration, Non-Freeway, Type A	8162001	1,500.000	Syd
0235	Slope Restoration, Non-Freeway, Type C	8162003	500.000	Syd
0240	Contractor Staking	8240001	1.000	LSUM
0245	Staking Plan Errors and Extras, Max \$180/hour	8240002	30.000	Hr



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 045**Letting Date:** March 4, 2022**Contract ID:** 82000-208975

Description: 0.31 mi of hot mix asphalt reconstruction, concrete box culvert extension, curb and gutter, storm sewer and pavement markings on Beverly Road east of Merriman Road in the city of Romulus, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208975A	22A0232	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Permit Fees	1077060	15,000.000	Dlr
0010	Mobilization, Max \$117,400.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.200	Acre
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	14.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	12.000	Ft
0035	Curb and Gutter, Rem	2040020	10.000	Ft
0040	Guardrail, Rem	2040035	15.000	Ft
0045	Structures, Rem Portions	2040061	1.000	LSUM
0050	_ Pavt, Rem, Modified	2047011	5,214.000	Syd
0055	_ Station Grading	2057002	17.000	Sta
0060	_ Subgrade Undercutting, 1x3 Refill	2057021	200.000	Cyd
0065	_ Subgrade Undercutting, Type IV, Special	2057021	500.000	Cyd
0070	_ Exploratory Excavation	2057050	8.000	Ea
0075	Backfill, Structure, CIP	2060002	156.000	Cyd
0080	Excavation, Fdn	2060010	169.000	Cyd
0085	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0090	Erosion Control, Silt Fence	2080036	2,030.000	Ft
0095	_ Aggregate Base, 6 inch, Modified	3027011	727.000	Syd
0100	_ Aggregate Base, 8 inch, Modified	3027011	6,204.000	Syd
0105	Maintenance Gravel	3060020	500.000	Ton
0110	Culv End Sect, Conc, 12 inch	4010047	8.000	Ea
0115	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0120	Culv, CI F, Conc, 12 inch	4010641	114.000	Ft
0125	Sewer, CI E, 12 inch, Tr Det B	4020600	547.000	Ft
0130	Sewer, CI E, 18 inch, Tr Det B	4020602	299.000	Ft
0135	Video Taping Sewer and Culv Pipe	4021275	960.000	Ft

0140	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0145	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0150	Dr Structure Cover, Type B	4030010	3.000	Ea
0155	Dr Structure Cover, Type E	4030035	4.000	Ea
0160	Dr Structure Cover, Type K	4030050	10.000	Ea
0165	Dr Structure, 24 inch dia	4030200	1.000	Ea
0170	Dr Structure, 48 inch dia	4030210	16.000	Ea
0175	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0180	_ Sanitary Sewer Cover, Adj, Case 2	4037050	2.000	Ea
0185	_ Utility Structure Cover, Adj, Case 1	4037050	2.000	Ea
0190	_ Utility Structure Cover, Adj, Case 2	4037050	2.000	Ea
0195	Underdrain, Fdn, 4 inch	4040031	62.000	Ft
0200	Underdrain, Subgrade, 6 inch	4040073	3,267.000	Ft
0205	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0210	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0215	Culv Bedding, Box Culv	4060005	23.000	Cyd
0220	_ Maintaining Stream Flow	4067051	1.000	LSUM
0225	HMA Approach	5010061	243.000	Ton
0230	HMA, 3EML	5012013	977.000	Ton
0235	HMA, 4EML	5012025	666.000	Ton
0240	HMA, 5EML	5012037	533.000	Ton
0245	Conc Pavt with Integral Curb, Nonreinf, 10 inch	6020168	242.000	Syd
0250	Lane Tie, Epoxy Anchored	6030030	103.000	Ea
0255	Reinforcement, Steel, Epoxy Coated	7060092	3,928.000	Lb
0260	Conc, Grade 3500	7062001	34.000	Cyd
0265	Joint Waterproofing	7100001	52.000	Sft
0270	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	32.000	Ea
0275	Curb and Gutter, Conc, Det C6	8020025	51.000	Ft
0280	Curb and Gutter, Conc, Det F2	8020036	98.000	Ft
0285	Curb and Gutter, Conc, Det F6	8020040	3,007.000	Ft
0290	Driveway Opening, Conc, Det M	8020050	127.000	Ft
0295	Spillway, Conc	8020075	20.000	Ft
0300	Post, Mailbox	8070095	18.000	Ea
0305	Post, Steel, 3 lb	8100371	42.000	Ft
0310	Sign, Type III, Rem	8100403	3.000	Ea
0315	Sign, Type IIIA	8100404	19.000	Sft
0320	Sign, Type IIIB	8100405	12.000	Sft
0325	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	54.000	Ft
0330	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	40.000	Ft
0335	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0340	Pavt Mrkg, Polyurea, 4 inch, White	8110091	100.000	Ft
0345	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,225.000	Ft
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea

0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0365	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0375	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0385	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0390	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0395	Sign Cover	8120310	10.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	1,125.000	Sft
0405	Sign, Type B, Temp, Prismatic, Oper	8120351	1,125.000	Sft
0410	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	468.000	Sft
0415	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	468.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0425	Riprap, Plain	8130011	69.000	Ton
0430	_ Turf Establishment, Performance, Modified	8167011	5,364.000	Syd
0435	TS Face, Bag	8200458	1.000	Ea
0440	TS Face, Bag, Rem	8200459	1.000	Ea
0445	_ Water Main, Conflict, 12 inch	8237001	150.000	Ft
0450	_ Water Main, Conflict, 6 inch	8237001	30.000	Ft
0455	_ Gate Valve and Well, 8 inch	8237050	1.000	Ea
0460	_ Gate Well, Rem, Modified	8237050	1.000	Ea



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 046**Letting Date:** March 4, 2022**Contract ID:** 82000-209899

Description: 1.06 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb ramps, signing and pavement markings on Beck Road from Fellows Creek north to Warren Road, Wayne County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209899A	22A0254	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$107,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	381.000	Ft
0015	Sidewalk, Rem	2040055	282.000	Syd
0020	Exploratory Investigation, Vertical	2040080	30.000	Ft
0025	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0030	Excavation, Earth	2050016	485.000	Cyd
0035	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0045	Project Cleanup	2090001	1.000	LSUM
0050	_ Aggregate Base, 6 inch, Modified	3027011	87.000	Syd
0055	_ Shld, CI I, 4 inch, Modified	3077011	3,920.000	Syd
0060	_ Storm Sewer Cleanout	4027001	500.000	Ft
0065	Dr Structure, Cleaning	4030290	10.000	Ea
0070	Dr Structure, Temp Lowering	4030390	5.000	Ea
0075	_ Dr Structure Reconstruct	4037001	4.000	Ft
0080	_ Dr Structure Cover, Adj	4037050	11.000	Ea
0085	_ Dr Structure Cover, Adj, Furn Cover A	4037050	5.000	Ea
0090	_ Dr Structure Cover, Adj, Furn Cover S	4037050	5.000	Ea
0095	_ San Structure Cover, Adj	4037050	5.000	Ea
0100	_ Cold Milling HMA Surface, Modified	5017011	25,836.000	Syd
0105	_ Bit Mixture for Patching, Temp	5017031	50.000	Ton
0110	_ Misc HMA Approach	5017031	18.000	Ton
0115	_ Misc HMA, 4EMH	5017031	3,552.000	Ton
0120	_ Misc HMA, 5EMH	5017031	2,238.000	Ton
0125	_ Misc HMA, Wedge	5017031	652.000	Ton
0130	Lane Tie, Epoxy Anchored	6030030	89.000	Ea
0135	Curb and Gutter, Conc, Det F6	8020040	250.000	Ft

0140	_ Conc Curb Cap	8027001	100.000	Ft
0145	_ Conc Curb Cap, Patching	8027001	50.000	Ft
0150	Detectable Warning Surface	8030010	75.000	Ft
0155	Curb Ramp Opening, Conc	8030030	131.000	Ft
0160	Sidewalk, Conc, 4 inch	8030044	1,484.000	Sft
0165	_ Curb Ramp, Conc, 8 inch	8037010	1,039.000	Sft
0170	_ Field Office	8097043	3.000	Mo
0175	_ Sign, Type B, Perm	8107010	152.000	Sft
0180	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	500.000	Ft
0185	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	150.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0195	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0205	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,000.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	8,000.000	Ft
0215	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,050.000	Ft
0220	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow	8110213	150.000	Ft
0225	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
0235	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0245	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0255	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0260	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0265	Sign Cover	8120310	5.000	Ea
0270	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0275	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	1,250.000	Sft
0285	Sign, Type B, Temp, Prismatic, Oper	8120351	1,250.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	88.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	88.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0305	Mulch Blanket	8160027	2,230.000	Syd
0310	Topsoil Surface, Furn, 2 inch	8160060	2,230.000	Syd
0315	Water, Sodding/Seeding	8160090	12.000	Unit
0320	_ Seeding, Mixture THM, Modified	8167011	2,230.000	Syd
0325	Monument Box Adj	8210005	3.000	Ea
0330	Monument Preservation	8210010	3.000	Ea
0335	Protect Corners	8210020	3.000	Ea
0340	_ Monument, Prec Bench Mark	8217050	3.000	Ea
0345	Staking Plan Errors and Extras, Max \$180/hour	8240002	12.000	Hr

0350	_ Contractor Staking, Modified	8247051	1.000	LSUM
------	--------------------------------	---------	-------	------



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 047**Letting Date:** March 4, 2022**Contract ID:** 82112-208668**Description:** Traffic signal modernization and interconnect with Traffic Management Center on various routes at 19 locations in the city of Detroit, Wayne County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208668A	22A0256	N/A	CPMG 82112

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$108,500.00	1100001	1.000	LSUM
0010	Curb, Rem	2040021	630.000	Ft
0015	Masonry and Conc Structure, Rem	2040045	15.000	Cyd
0020	Sidewalk, Rem	2040055	911.000	Syd
0025	Excavation, Earth	2050016	150.000	Cyd
0030	Granular Material, CI II	2050023	500.000	Cyd
0035	Non Haz Contaminated Material Handling and Disposal, LM Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,015.000	Cyd
0040	_ Dr Structure Cleaning, Modified	4037050	14.000	Ea
0045	_ Dr Structure Cover, Adj, Case 1, Special	4037050	14.000	Ea
0050	Curb and Gutter, Conc, Det C3	8020022	155.000	Ft
0055	Detectable Warning Surface	8030010	378.000	Ft
0060	Curb Ramp Opening, Conc	8030030	630.000	Ft
0065	Sidewalk, Conc, 4 inch	8030044	3,634.000	Sft
0070	Sidewalk, Conc, 6 inch	8030046	1,466.000	Sft
0075	Curb Ramp, Conc, 6 inch	8032002	3,408.000	Sft
0080	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,258.000	Ft
0085	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	563.000	Ft
0090	Rem Spec Mrkg	8110343	60.000	Sft
0095	_ Recessing for Pavt Mrkg, 06 inch	8117001	2,258.000	Ft
0100	_ Recessing for Pavt Mrkg, 18 inch	8117001	563.000	Ft
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0115	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM

0135	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0140	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0155	Conduit, Rem	8182000	50.000	Ft
0160	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	65.000	Ft
0165	Cable, Rem	8182196	1,000.000	Ft
0170	Cable, Sec, Rem	8182199	1,800.000	Ft
0175	Cable Pole, TS and Sec, Disman	8182209	3.000	Ea
0180	Cable Pole, TS, Disman	8182210	3.000	Ea
0185	Cable, Sec, 600V, 1, 3/C#6	8182238	3,100.000	Ft
0190	Wood Pole, Cl 4, 40 foot	8182351	1.000	Ea
0195	Wood Pole, Rem	8182363	19.000	Ea
0200	Serv Disconnect	8182366	21.000	Ea
0205	Serv Disconnect, Salv	8182368	2.000	Ea
0210	_ Conduit, Encased, 1, 3 inch, Modified	8187001	149.000	Ft
0215	_ Conduit, Encased, 2, 3 inch, Modified	8187001	159.000	Ft
0220	_ Conduit, Encased, 3, 4 inch, Modified	8187001	243.000	Ft
0225	_ Hh, Clean	8187050	5.000	Ea
0230	_ Hh, Round, Detroit	8187050	17.000	Ea
0235	Light Std Arm, Rem	8190277	1.000	Ea
0240	Luminaire, Rem	8190360	1.000	Ea
0245	Anchor Guy	8200001	1.000	Ea
0250	Case Sign, Rem	8200020	13.000	Ea
0255	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	31.000	Ea
0260	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0265	Controller and Cabinet, Rem	8200030	19.000	Ea
0270	Controller Fdn, Base Mtd	8200045	22.000	Ea
0275	Controller Fdn, Rem	8200046	13.000	Ea
0280	Fdn, Rem	8200065	7.000	Ea
0285	Louver	8200080	12.000	Ea
0290	Splice Box	8200085	2.000	Ea
0295	Pedestal Fdn, Rem	8200106	24.000	Ea
0300	Pedestal, Rem	8200110	26.000	Ea
0305	Power Co. (Est. Cost to Contractor)	8200116	2,500.000	Dlr
0310	Pushbutton and Sign	8200121	10.000	Ea
0315	Span Wire	8200140	86.000	Ea
0320	Span Wire, Rem	8200141	22.000	Ea
0325	Steel Pole, Rem	8200145	3.000	Ea
0330	Strain Pole, Steel, Anchor Base, 30 foot	8200155	63.000	Ea
0335	Strain Pole, Steel, Anchor Fdn	8200165	63.000	Ea
0340	Strut Guy	8200168	2.000	Ea
0345	TS, Bracket Arm Mtd, Rem	8200175	6.000	Ea
0350	TS, Mast Arm Mtd, Rem	8200177	12.000	Ea
0355	TS, Pedestal Mtd, Rem	8200179	2.000	Ea

0360	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	65.000	Ea
0365	TS, Pedestrian, Pedestal Mtd, Rem	8200181	26.000	Ea
0370	TS, Span Wire Mtd, Rem	8200182	48.000	Ea
0375	TS, One Way Span Wire Mtd (LED)	8200313	159.000	Ea
0380	TS, One Way Bracket Arm Mtd (LED)	8200333	3.000	Ea
0385	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	24.000	Ea
0390	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	64.000	Ea
0395	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0400	Casing	8200480	250.000	Ft
0405	Mast Arm, Rem	8202004	8.000	Ea
0410	Mast Arm Std, Rem	8202005	4.000	Ea
0415	_ Conduit Repr, Under Pavt, Modified	8207001	50.000	Ft
0420	_ Conduit Repr, Under Sidewalk or Earth, Modified	8207001	50.000	Ft
0425	_ Backplate, TS, Detroit	8207050	159.000	Ea
0430	_ Cellular Data Service for 3 Year	8207050	24.000	Ea
0435	_ Controller and Cabinet, Digital Type, ITS	8207050	24.000	Ea
0440	_ Pedestal Alum, Modified	8207050	8.000	Ea
0445	_ Pedestal Fdn, Modified	8207050	6.000	Ea
0450	_ Steel Pole, Paint	8207050	13.000	Ea
0455	_ Wireless Data Acquisition, Alerts and Analytics System	8207050	24.000	Ea
0460	Water Shutoff, Adj, Case 1	8230421	4.000	Ea



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 048**Letting Date:** March 4, 2022**Contract ID:** 82000-209893

Description: 1.54 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, signing and pavement markings on Evergreen Road from Lone Oak Drive northerly to Ford Road (M-153) 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
209893A	22A0267	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$149,900.00	1100001	1.000	LSUM
0010	_ Pavt Repr, Remove, Patching	2047011	3,194.000	Syd
0015	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0020	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	48.000	Ea
0030	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0035	Project Cleanup	2090001	1.000	LSUM
0040	Dr Structure Lead, Cleaning, 12 inch	4030112	50.000	Ft
0045	Dr Structure Lead, Cleaning, 15 inch	4030115	50.000	Ft
0050	Dr Structure Lead, Cleaning, 24 inch	4030124	50.000	Ft
0055	Dr Structure Lead, Cleaning, 30 inch	4030130	50.000	Ft
0060	Dr Structure, Cleaning	4030290	59.000	Ea
0065	Dr Structure, Temp Lowering	4030390	59.000	Ea
0070	_ Dr Structure Reconstruct	4037001	10.000	Ft
0075	_ Dr Structure Cover, Adj	4037050	59.000	Ea
0080	_ Dr Structure Cover, Adj, Furn Cover B	4037050	2.000	Ea
0085	_ Dr Structure Cover, Adj, Furn Cover D	4037050	2.000	Ea
0090	_ San Structure Cover, Adj	4037050	1.000	Ea
0095	_ Cold Milling HMA Surface, Modified	5017011	44,627.000	Syd
0100	_ Bit Mixture for Patching, Temp	5017031	20.000	Ton
0105	_ Conditioning Existing Pavement	5017031	150.000	Ton
0110	_ Misc HMA, 4EMH	5017031	4,909.000	Ton
0115	_ Misc HMA, 5EMH	5017031	3,682.000	Ton
0120	_ Misc HMA, Hand Patching	5017031	20.000	Ton
0125	Lane Tie, Epoxy Anchored	6030030	464.000	Ea
0130	_ Pavt Repr, Nonreinf Conc, Patching	6037011	3,194.000	Syd
0135	_ Conc Curb Cap	8027001	232.000	Ft

0140	_ Conc Curb Cap, Patching	8027001	145.000	Ft
0145	_ Field Office	8097043	4.000	Mo
0150	Post, Steel, 3 lb	8100371	1,502.000	Ft
0155	Sign, Type IIB	8100399	229.000	Sft
0160	Sign, Type IIIA	8100404	187.000	Sft
0165	Sign, Type IIIB	8100405	203.000	Sft
0170	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	120.000	Ft
0175	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,642.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	6,642.000	Ft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0215	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0220	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0225	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	736.000	Sft
0235	Sign, Type B, Temp, Prismatic, Oper	8120351	736.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	52.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	52.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0255	Topsoil Surface, Furn, 4 inch	8160062	101.000	Syd
0260	Water, Sodding/Seeding	8160090	10.000	Unit
0265	_ Sodding, Modified	8167011	101.000	Syd
0270	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr
0275	_ Contractor Staking, Modified	8247051	1.000	LSUM
0280	_ Audio-Video Rte Survey	8507051	1.000	LSUM



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 049**Letting Date:** March 4, 2022**Contract ID:** 25000-207617**Description:** 5.08 mi of hot mix asphalt cold milling and resurfacing, signing and pavement markings on various routes, Genesee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207617A	22A0239	N/A	HICU 25000
207622A	22A0242	N/A	HICU 25000
207624A	22A0244	N/A	HICU 25000
207625A	22A0245	N/A	HICU 25000
207626A	22A0246	N/A	HICU 25000
207633A	22A0243	N/A	HICU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, At Grade Crossing, Lake State Railway	1027060	7,500.000	Dlr
0010	Mobilization, Max \$142,600.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	80.000	Ft
0020	_ Pavt, Rem, Modified	2047011	54.000	Syd
0025	Embankment, CIP	2050010	10.000	Cyd
0030	Excavation, Earth	2050016	10.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	55.000	Ea
0040	_ Shoulder, CI II, Modified	3077031	1,832.000	Ton
0045	Dr Structure Cover, Type K	4030050	4.000	Ea
0050	Dr Structure, Cleaning	4030290	4.000	Ea
0055	Dr Structure, Tap, 4 inch	4030304	4.000	Ea
0060	_ Dr Structure, Reconstruct, Special	4037050	4.000	Ea
0065	Underdrain, Subbase, 4 inch	4040061	100.000	Ft
0070	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0075	Cold Milling HMA Surface	5010002	62,935.000	Syd
0080	Pavt for Butt Joints, Rem	5010008	4,461.000	Syd
0085	Hand Patching	5010025	70.000	Ton
0090	HMA, 4C	5010032	5,145.000	Ton
0095	HMA, 13A	5010033	2,812.000	Ton
0100	HMA Approach	5010061	1,025.000	Ton
0105	HMA, 5EMH	5012038	2,420.000	Ton
0110	Curb and Gutter, Conc, Det C4	8020023	80.000	Ft

0115	Post, Steel, 3 lb	8100371	266.000	Ft
0120	Sign, Type III, Rem	8100403	12.000	Ea
0125	Sign, Type IIIB	8100405	96.000	Sft
0130	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Yellow	8110026	20.000	Ft
0135	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	788.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0155	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	46,028.000	Ft
0165	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	33,614.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	46,028.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	33,614.000	Ft
0180	Witness, Log, \$1,250.00	8110351	7,500.000	Dlr
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	12.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,112.000	Ft
0220	Plastic Drum, Fluorescent, Furn	8120252	1,500.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	1,500.000	Ea
0230	Sign Cover	8120310	70.000	Ea
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	1,350.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,350.000	Sft
0245	Traf Regulator Control	8120370	1.000	LSUM
0250	_ Turf Establishment, Performance	8167011	120.000	Syd
0255	Monument Box	8210001	6.000	Ea
0260	Monument Preservation	8210010	6.000	Ea



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 050**Letting Date:** March 4, 2022**Contract ID:** 47000-213269**Description:** 1.51 mi of hot mix asphalt reconstruction, signal, signs and pavement markings on Whitmore Lake Road from south of Maltby Road to Lee Road, Livingston County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213269A	22A0255	N/A	HIPS 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$358,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.110	Acre
0015	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0020	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0025	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	1,002.000	Ft
0035	Sewer, Rem, 24 inch to 48 inch	2030016	564.000	Ft
0040	_ Abandon Utility, Rem	2037001	2,000.000	Ft
0045	Curb and Gutter, Rem	2040020	1,655.000	Ft
0050	Fence, Rem	2040025	5,614.000	Ft
0055	Masonry and Conc Structure, Rem	2040045	29.000	Cyd
0060	Pavt, Rem	2040050	16,279.000	Syd
0065	Exploratory Investigation, Vertical	2040080	150.000	Ft
0070	Ditch Cleanout	2050006	15.000	Sta
0075	Embankment, CIP	2050010	8,200.000	Cyd
0080	Excavation, Earth	2050016	28,635.000	Cyd
0085	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0095	Erosion Control, Check Dam, Stone	2080012	80.000	Ft
0100	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0105	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0110	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0115	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0120	Erosion Control, Sediment Trap	2080034	8.000	Ea
0125	Erosion Control, Silt Fence	2080036	12,446.000	Ft
0130	Subbase, CIP	3010002	11,965.000	Cyd
0135	Aggregate Base	3020001	18,350.000	Ton

0140	Aggregate Base, 6 inch	3020016	3,209.000	Syd
0145	Maintenance Gravel	3060020	100.000	Ton
0150	Driveway Maintenance, Commercial	3062000	14.000	Ea
0155	Driveway Maintenance, Residential	3062001	2.000	Ea
0160	Approach, CI II	3070021	24.000	Ton
0165	Shld, CI II	3070121	997.000	Ton
0170	Trenching	3070200	47.000	Sta
0175	Culv End Sect, 12 inch	4010012	5.000	Ea
0180	Culv End Sect, 15 inch	4010015	8.000	Ea
0185	Culv End Sect, 18 inch	4010018	5.000	Ea
0190	Culv End Sect, 24 inch	4010024	3.000	Ea
0195	Culv, CI E, 18 inch	4010541	71.000	Ft
0200	Culv, CI F, 12 inch	4010607	117.000	Ft
0205	Culv, CI F, 15 inch	4010608	241.000	Ft
0210	Dr Marker Post	4011109	6.000	Ea
0215	Sewer, CI E, 12 inch, Tr Det B	4020600	96.000	Ft
0220	Sewer, CI E, 18 inch, Tr Det B	4020602	807.000	Ft
0225	Sewer, CI E, 24 inch, Tr Det B	4020603	669.000	Ft
0230	Sewer Tap, 12 inch	4021204	1.000	Ea
0235	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0240	Trench Undercut and Backfill	4021260	100.000	Cyd
0245	Video Taping Sewer and Culv Pipe	4021275	2,000.000	Ft
0250	_ Dewatering System for Petroleum Contaminated Groundwater, Site	4027051	1.000	LSUM
0255	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0260	Dr Structure Cover, Adj, Case 2	4030006	9.000	Ea
0265	Dr Structure Cover, Type B	4030010	4.000	Ea
0270	Dr Structure Cover, Type G	4030040	2.000	Ea
0275	Dr Structure Cover, Type K	4030050	3.000	Ea
0280	Dr Structure, 24 inch dia	4030200	2.000	Ea
0285	Dr Structure, 48 inch dia	4030210	6.000	Ea
0290	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	10.000	Ft
0295	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0300	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0305	Dr Structure, Tap, 18 inch	4030318	3.000	Ea
0310	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0315	Underdrain, Subbase, 6 inch	4040063	15,000.000	Ft
0320	Underdrain Outlet, 6 inch	4040093	660.000	Ft
0325	Underdrain, Outlet Ending, 6 inch	4040113	22.000	Ea
0330	Video Inspection of Underdrain	4040200	15,000.000	Ft
0335	HMA Surface, Rem	5010005	27,100.000	Syd
0340	Hand Patching	5010025	300.000	Ton
0345	HMA Approach	5010061	1,438.000	Ton
0350	HMA, 3EML	5012013	4,908.000	Ton

0355	HMA, 4EML	5012025	3,272.000	Ton
0360	HMA, 5EML	5012037	2,457.000	Ton
0365	HMA, Temp Pavt (4EML)	5012103	642.000	Ton
0370	Lane Tie, Epoxy Anchored	6030030	50.000	Ea
0375	Steel Sheet Piling, Temp	7040002	500.000	Sft
0380	Driveway, Nonreinf Conc, 8 inch	8010007	260.000	Syd
0385	Curb and Gutter, Conc, Det B2	8020016	1,212.000	Ft
0390	Curb and Gutter, Conc, Det D2	8020031	336.000	Ft
0395	Curb and Gutter, Conc, Det F3	8020037	213.000	Ft
0400	Curb and Gutter, Conc, Det F4	8020038	1,916.000	Ft
0405	Driveway Opening, Conc, Det M	8020050	1,165.000	Ft
0410	Shld Gutter, Conc, Det 1	8020055	5.000	Ea
0415	Shld Gutter, Conc, Det 2	8020056	7.000	Ea
0420	Spillway, Conc	8020075	66.000	Ft
0425	Curb Ramp, Conc, 6 inch	8032002	450.000	Sft
0430	Guardrail, Type MGS-8	8070004	300.000	Ft
0435	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0440	Guardrail Reflector	8070080	25.000	Ea
0445	Post, Mailbox	8070095	10.000	Ea
0450	Fence, Woven Wire with Steel Post	8080002	5,614.000	Ft
0455	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	68.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0465	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0470	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	12,522.000	Ft
0475	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,498.000	Ft
0480	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow	8110213	117.000	Ft
0485	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	35.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	35.000	Ea
0495	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0500	Delineator, Flexible, Temp, Furn	8120091	50.000	Ea
0505	Delineator, Flexible, Temp, Oper	8120092	50.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0515	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0520	Ltg for Night Work	8120160	1.000	LSUM
0525	Minor Traf Devices	8120170	1.000	LSUM
0530	Mobile Attenuator	8120180	2.000	Ea
0535	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,085.000	Ft
0540	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	100.000	Ft
0545	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	18,000.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	18,000.000	Ft
0555	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,	8120246	1,000.000	Ft

	Yellow, Temp			
0565	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0570	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0575	Sign Cover	8120310	15.000	Ea
0580	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0585	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0590	Sign, Type A, Temp, Prismatic, Furn	8120340	150.000	Sft
0595	Sign, Type A, Temp, Prismatic, Oper	8120341	150.000	Sft
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	2,000.000	Sft
0605	Sign, Type B, Temp, Prismatic, Oper	8120351	2,000.000	Sft
0610	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	600.000	Sft
0615	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	600.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0625	Riprap, Plain	8130010	60.000	Syd
0630	Slope Restoration, Non-Freeway, Type A	8162001	1,020.000	Syd
0635	Slope Restoration, Non-Freeway, Type B	8162002	23,230.000	Syd
0640	Slope Restoration, Non-Freeway, Type C	8162003	410.000	Syd
0645	Slope Restoration, Non-Freeway, Type D	8162004	410.000	Syd
0650	Slope Restoration, Non-Freeway, Type F	8162006	1,000.000	Syd
0655	Conduit, DB, 1, 1 1/2 inch	8182048	20.000	Ft
0660	Conduit, DB, 2, 3 inch	8182053	10.000	Ft
0665	Conduit, DB, 3, 3 inch	8182056	12.000	Ft
0670	Conduit, DB, 4, 3 inch	8182059	8.000	Ft
0675	Cable, Sec, 600V, 1, 3/C#6	8182238	250.000	Ft
0680	Hh, Round	8182310	2.000	Ea
0685	Hh, Round, 3 foot dia	8182319	1.000	Ea
0690	Serv Disconnect	8182366	1.000	Ea
0695	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
0700	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0705	Controller Fdn, Base Mtd	8200045	1.000	Ea
0710	Span Wire	8200140	3.000	Ea
0715	Span Wire Tether	8200142	3.000	Ea
0720	Cabinet, NEMA Type	8200186	1.000	Ea
0725	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0730	TS, 4th Level, RTGA (LED)	8200331	1.000	Ea
0735	Video Traf Detection System	8200380	1.000	Ea
0740	Video Traf Detection Camera, Span Wire Mtd	8200437	1.000	Ea
0745	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0750	Strain Pole Fdn, 6 Bolt	8200470	27.000	Ft
0755	Casing	8200480	20.000	Ft
0760	Backplate, TS	8200501	6.000	Ea
0765	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0770	Monument Box	8210001	1.000	Ea
0775	Monument Preservation	8210010	1.000	Ea

0780	Protect Corners	8210020	5.000	Ea
0785	Hydrant, Relocate, Case 2	8230096	1.000	Ea
0790	Contractor Staking	8240001	1.000	LSUM
0795	Staking Plan Errors and Extras, Max \$180/hour	8240002	39.000	Hr



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 051**Letting Date:** March 4, 2022**Contract ID:** 63000-209472

Description: 0.89 mi of hot mix asphalt cold mill, crush, shape and resurface, concrete curb and gutter, signing and pavement markings on Decker Road from 14 Mile Road to West Maple Road in the city of Walled Lake, Oakland County. This project includes a 3 year HMA Local Agency Warranty. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209472A	22A0264	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$106,800.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0015	Dr Structure, Rem	2030011	1.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	127.000	Ft
0025	Curb and Gutter, Rem	2040020	820.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0035	Sidewalk, Rem	2040055	30.000	Syd
0040	_ Pavt, Rem, Modified	2047011	1,362.000	Syd
0045	Ditch Cleanout	2050006	3.000	Sta
0050	Embankment, CIP	2050010	800.000	Cyd
0055	Excavation, Earth	2050016	462.000	Cyd
0060	Granular Material, CI II	2050023	405.000	Cyd
0065	Subgrade Undercutting, Type III	2050042	300.000	Cyd
0070	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	36.000	Ea
0075	Erosion Control, Silt Fence	2080036	2,955.000	Ft
0080	Aggregate Base, 8 inch	3020020	1,292.000	Syd
0085	HMA Base Crushing and Shaping	3050002	12,175.000	Syd
0090	Material, Surplus and Unsuitable, Rem, LM	3050010	1,186.000	Cyd
0095	Salv Crushed Material, LM	3050015	300.000	Cyd
0100	Maintenance Gravel	3060020	100.000	Ton
0105	_ Driveway Maintenance, Modified	3067050	26.000	Ea
0110	_ Intersection Maintenance, Modified	3067050	6.000	Ea
0115	Geotextile, Stabilization	3080010	90.000	Syd
0120	Geotextile, Stabilization, Non-Woven	3082001	40.000	Syd
0125	Culv End Sect, 12 inch	4010012	4.000	Ea
0130	Culv End Sect, 18 inch	4010018	1.000	Ea
0135	Culv, CI E, 12 inch	4010539	46.000	Ft

0140	Culv, CI E, 18 inch	4010541	15.000	Ft
0145	Sewer, CI E, 12 inch, Tr Det B	4020600	129.000	Ft
0150	Sewer, CI E, 18 inch, Tr Det B	4020602	10.000	Ft
0155	Dr Structure Cover, Adj, Case 1	4030005	28.000	Ea
0160	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0165	Dr Structure Cover, Type B	4030010	1.000	Ea
0170	Dr Structure, 48 inch dia	4030210	2.000	Ea
0175	Underdrain, Pipe, Open-Graded, 4 inch	4040041	80.000	Ft
0180	Underdrain Outlet, 4 inch	4040091	3,632.000	Ft
0185	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0190	Cold Milling HMA Surface	5010002	7,881.000	Syd
0195	Hand Patching	5010025	15.000	Ton
0200	HMA Approach	5010061	477.000	Ton
0205	HMA, 4EML	5012025	3,462.000	Ton
0210	Joint, Contraction, Crg	6030020	10.000	Ft
0215	Joint, Expansion, Erg	6030021	30.000	Ft
0220	Driveway, Reinf Conc, 8 inch	8010003	20.000	Syd
0225	Curb and Gutter, Conc, Det B3	8020017	55.000	Ft
0230	Curb and Gutter, Conc, Det C4	8020023	2,150.000	Ft
0235	Driveway Opening, Conc, Det M	8020050	1,817.000	Ft
0240	Spillway, Conc	8020075	22.000	Ft
0245	Detectable Warning Surface	8030010	10.000	Ft
0250	Sidewalk, Conc, 4 inch	8030044	120.000	Sft
0255	Curb Ramp, Conc, 6 inch	8032002	400.000	Sft
0260	Post, Mailbox	8070095	1.000	Ea
0265	Post, Steel, 3 lb	8100371	196.000	Ft
0270	Sign, Type III, Erect, Salv	8100402	14.000	Ea
0275	Sign, Type III, Rem	8100403	18.000	Ea
0280	Sign, Type IIIA	8100404	72.000	Sft
0285	Pavt Mrkg, Thermopl, 4 inch, White	8110195	525.000	Ft
0290	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	11,155.000	Ft
0295	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	52.000	Ft
0300	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	10.000	Ea
0305	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0310	Recessing Pavt Mrkg, Longit	8110450	11,732.000	Ft
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0325	Minor Traf Devices	8120170	1.000	LSUM
0330	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,488.000	Ft
0335	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	1,488.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,488.000	Ft
0345	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea

0350	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0355	Sign Cover	8120310	4.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	1,010.000	Sft
0365	Sign, Type B, Temp, Prismatic, Oper	8120351	1,010.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	320.000	Sft
0375	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	320.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0385	Riprap, Grouted	8130001	8.000	Syd
0390	Riprap, Plain	8130010	32.000	Syd
0395	Fertilizer, Chemical Nutrient, CI A	8160020	100.000	Lb
0400	Mulch	8160025	5,000.000	Syd
0405	Seeding, Mixture CR	8160035	150.000	Lb
0410	Seeding, Mixture THM	8160039	150.000	Lb
0415	Topsoil Surface, Furn, 2 inch	8160060	5,000.000	Syd
0420	Monument Box	8210001	1.000	Ea
0425	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0430	Gate Box, Adj, Case 1	8230431	1.000	Ea



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 052**Letting Date:** March 4, 2022**Contract ID:** 41000-210439-2

Description: 0.55 mi of signal upgrades, concrete curb, gutter and sidewalk ramps, storm sewer, hemispherical video detection, Opticom GPS system, signing and pavement markings on Eastern Avenue SE from 36th Street to Ken-O-Sha Drive and from Alger Street to Wealthy Street and Kalamazoo Avenue at Hall Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210439A	21A0777	N/A	HSIP 41000
210441A	21A0778	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$77,600.00	1100001	1.000	LSUM
0010	_ Curb and Gutter, Rem, Modified	2047001	400.000	Ft
0015	_ Pavt, Rem, Modified	2047011	216.000	Syd
0020	_ Sidewalk, Rem, Modified	2047011	187.000	Syd
0025	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0030	_ Storm Sewer, C76 CI IV, 12 Inch	4027001	20.000	Ft
0035	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0040	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0045	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0050	_ Dr Structure, Reconstruct	4037001	9.000	Ft
0055	_ Dr Structure Cover, Special	4037030	1,600.000	Lb
0060	_ Drop Inlet, Det S-6	4037050	2.000	Ea
0065	Hand Patching	5010025	30.000	Ton
0070	_ Curb and Gutter, Conc, Det P-5, 18 inch pan	8027001	400.000	Ft
0075	Curb Ramp Opening, Conc	8030030	147.000	Ft
0080	Sidewalk, Conc, 6 inch	8030046	1,736.000	Sft
0085	Curb Ramp, Conc, 6 inch	8032002	985.000	Sft
0090	_ Detectable Warning Surface, Modified	8037001	147.000	Ft
0095	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0100	Sign, Type III, Rem	8100403	36.000	Ea
0105	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,237.000	Ft
0110	Rem Spec Mrkg	8110343	1,329.000	Sft
0115	Recessing Pavt Mrkg, Transv	8110451	2,237.000	Sft
0120	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea

0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0135	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	12.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0160	_ Turf Establishment	8167011	70.000	Syd
0165	Conduit, DB, 1, 1 1/2 inch	8182048	65.000	Ft
0170	Conduit, DB, 3, 3 inch	8182056	107.000	Ft
0175	Cable, Sec, 600V, 1, 3/C#6	8182238	700.000	Ft
0180	Hh, Round	8182310	3.000	Ea
0185	Hh, Round, 3 foot dia	8182319	4.000	Ea
0190	Hh, Rem	8182330	1.000	Ea
0195	Wood Pole, Rem	8182363	1.000	Ea
0200	Serv Disconnect	8182366	10.000	Ea
0205	Wood Pole, Fit Up, Sec Serv Pole	8182382	3.000	Ea
0210	_ Conduit, DB, 2, 2 inch	8187001	10.000	Ft
0215	_ Conduit, Directional Bore, 2, 2 inch	8187001	50.000	Ft
0220	_ Conduit, Directional Bore, 2, 2 Inch	8187001	200.000	Ft
0225	Case Sign, Rem	8200020	18.000	Ea
0230	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea
0235	Controller and Cabinet, Rem	8200030	8.000	Ea
0240	Controller Fdn, Base Mtd	8200045	5.000	Ea
0245	Digital Loop Detector	8200055	1.000	Ea
0250	Pedestal, Alum	8200100	3.000	Ea
0255	Pedestal, Fdn	8200105	2.000	Ea
0260	Pedestal Fdn, Rem	8200106	1.000	Ea
0265	Pedestal, Rem	8200110	1.000	Ea
0270	Pushbutton and Sign	8200121	9.000	Ea
0275	Pushbutton, Rem	8200122	13.000	Ea
0280	Span Wire	8200140	26.000	Ea
0285	Span Wire, Rem	8200141	21.000	Ea
0290	Span Wire Tether	8200142	30.000	Ea
0295	Steel Pole, Rem	8200145	1.000	Ea
0300	Strain Pole, Steel, Anchor Base, 30 foot	8200155	3.000	Ea
0305	Strain Pole, Steel, Anchor Fdn	8200165	3.000	Ea
0310	Traf Loop	8200170	1.000	Ea
0315	TS, Bracket Arm Mtd, Rem	8200175	11.000	Ea
0320	TS, Mast Arm Mtd, Rem	8200177	12.000	Ea
0325	TS, Pedestal Mtd, Rem	8200179	5.000	Ea
0330	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	18.000	Ea
0335	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0340	TS, Span Wire Mtd, Rem	8200182	52.000	Ea
0345	TS, Pedestrian, Two Way Bracket Arm Mtd, Salv	8200228	2.000	Ea
0350	TS, One Way Pedestal Mtd	8200230	1.000	Ea

0355	TS, Pedestrian, Two Way Pedestal Mtd, Salv	8200238	1.000	Ea
0360	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
0365	TS, One Way Span Wire Mtd (LED)	8200313	48.000	Ea
0370	TS, One Way Span Wire Mtd, FYA (LED)	8200314	13.000	Ea
0375	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
0380	TS, One Way Span Wire Mtd, LTGA (LED)	8200316	1.000	Ea
0385	TS, One Way Bracket Arm Mtd (LED)	8200333	9.000	Ea
0390	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	12.000	Ea
0395	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0400	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	15.000	Ea
0405	TS, One Way Mast Arm Mtd (LED)	8200359	7.000	Ea
0410	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0415	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0420	Hemispherical Video Detection Camera	8200444	2.000	Ea
0425	Hemispherical Video Detection System	8200445	2.000	Ea
0430	Casing	8200480	27.000	Ft
0435	Backplate, TS	8200501	97.000	Ea
0440	_ Cabinet, NEMA Type, Modified	8207050	9.000	Ea
0445	_ Cell Modem, Salv	8207050	1.000	Ea
0450	_ Controller, NEMA, ATC Type, Modified	8207050	9.000	Ea
0455	_ Opticom GPS System	8207050	8.000	Ea
0460	_ Street Name Sign, Two Way, Non-Illuminated	8207050	36.000	Ea
0465	_ TS, One Way Mast Arm Mtd, 5 Sect (LED)	8207050	1.000	Ea
0470	Water Shutoff, Adj, Case 2	8230422	1.000	Ea



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 053**Letting Date:** March 4, 2022**Contract ID:** 14000-207177

Description: 0.25 mi of hot mix asphalt reconstruction, concrete curb, gutter and ramps, sanitary and storm sewer and pavement markings on O'Keefe Street from York Street to Graham Street, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207177A	22A0233	N/A	STL 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$84,400.00	1100001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0030	Dr Structure, Rem	2030011	13.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	1,555.000	Ft
0050	Curb and Gutter, Rem	2040020	2,700.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0070	Pavt, Rem	2040050	50.000	Syd
0080	Sidewalk, Rem	2040055	1,480.000	Syd
0090	Subgrade Undercutting, Type II	2050041	2,200.000	Cyd
0100	_ Machine Grading, Modified	2057002	14.000	Sta
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0120	Erosion Control, Silt Fence	2080036	200.000	Ft
0130	Aggregate Base, 8 inch	3020020	5,600.000	Syd
0140	Maintenance Gravel	3060020	150.000	Ton
0150	Sewer, CI E, 12 inch, Tr Det B	4020600	240.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0170	Dr Structure Cover, Type B	4030010	4.000	Ea
0180	Dr Structure Cover, Type K	4030050	10.000	Ea
0190	Dr Structure, 24 inch dia	4030200	10.000	Ea
0200	HMA Surface, Rem	5010005	5,830.000	Syd
0210	Hand Patching	5010025	10.000	Ton
0220	HMA, 4EML	5012025	1,350.000	Ton
0230	Driveway, Nonreinf Conc, 6 inch	8010005	390.000	Syd
0240	Curb, Conc, Det E2	8020002	70.000	Ft
0250	Curb and Gutter, Conc, Det C4	8020023	2,640.000	Ft
0260	Detectable Warning Surface	8030010	40.000	Ft
0270	Curb Ramp Opening, Conc	8030030	60.000	Ft

0280	Sidewalk, Conc, 4 inch	8030044	10,200.000	Sft
0290	Sidewalk, Conc, 6 inch	8030046	2,700.000	Sft
0300	Curb Ramp, Conc, 6 inch	8032002	350.000	Sft
0310	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0320	_ Pavt Mrkg, Waterborne, 18 inch, Stop Bar	8117001	35.000	Ft
0330	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	275.000	Ft
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0360	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0390	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	379.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	379.000	Sft
0420	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	54.000	Sft
0430	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	54.000	Sft
0440	Slope Restoration, Non-Freeway, Type B	8162002	3,500.000	Syd
0450	Water Shutoff, Adj, Case 1	8230421	4.000	Ea
0460	Water Shutoff, Adj, Case 2	8230422	22.000	Ea
0470	Gate Box, Adj, Case 1	8230431	2.000	Ea
0480	Gate Box, Adj, Case 2	8230432	2.000	Ea
0490	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	10.000	Ft
0500	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	10.000	Ft
0510	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	160.000	Ft
0520	_ Connect to Existing Main, 4 inch	8237050	1.000	Ea
0530	_ Connect to Existing Main, 6 inch	8237050	2.000	Ea
0540	_ Connect to Existing Main, 8 inch	8237050	1.000	Ea
0550	_ Water Main Insertion Valve, 4 inch	8237050	1.000	Ea
0560	_ Water Main Insertion Valve, 6 inch	8237050	2.000	Ea
0570	_ Water Main Insertion Valve, 8 inch	8237050	1.000	Ea
0580	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	2.000	Ea
0590	Sanitary Structure, 48 inch dia	8252072	5.000	Ea
0600	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	20.000	Ft
0610	Sanitary Structure Cover, Type Q	8252098	5.000	Ea
0620	Sanitary Structure, Rem	8252105	5.000	Ea
0630	_ Sanitary Sewer Lead, 6 inch	8257001	1,300.000	Ft
0640	_ Sanitary Sewer, PVC, 10 inch, Tr Det B2, Modified	8257001	1,315.000	Ft
0650	_ Sanitary Wye, 10 inch x 6 inch	8257050	30.000	Ea
0660	_ Compact Ductile Iron Fittings	8507030	1,150.000	Lb



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 054**Letting Date:** March 4, 2022**Contract ID:** 55000-209869**Description:** Bridge removal and replacement with approach work on Belgiumtown Road over Little Cedar River and North N-3 Lane over Little River, Menominee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209869A	22A0257	N/A	BO 55000
209871A	22A0261	N/A	BO 55000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Wisconsin Central Railroad	1027060	2,400.000	Dlr
0010	Mobilization, Max \$171,700.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.200	Acre
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0035	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Guardrail, Rem	2040035	275.000	Ft
0045	Sidewalk, Rem	2040055	74.000	Syd
0050	Embankment, CIP	2050010	1,650.000	Cyd
0055	Excavation, Earth	2050016	660.000	Cyd
0060	Subgrade Manipulation	2050035	200.000	Syd
0065	Erosion Control, Silt Fence	2080036	4,070.000	Ft
0070	Subbase, CIP	3010002	1,660.000	Cyd
0075	Aggregate Base, LM	3020002	220.000	Cyd
0080	Aggregate Base, 6 inch	3020016	350.000	Syd
0085	Aggregate Base, 8 inch	3020020	4,270.000	Syd
0090	HMA Base Crushing and Shaping	3050002	2,255.000	Syd
0095	Aggregate Surface Cse, 8 inch	3060012	700.000	Syd
0100	Maintenance Gravel	3060020	1,600.000	Ton
0105	Approach, CI II, 4 inch	3070026	275.000	Syd
0110	Shld, CI II, 3 inch	3070125	760.000	Syd
0115	Culv End Sect, Metal, 36 inch	4010100	2.000	Ea
0120	Culv, CI A, CSP, 24 inch	4010202	88.000	Ft
0125	Culv, CI A, CSP, 36 inch	4010204	56.000	Ft
0130	Cold Milling HMA Surface	5010002	3,650.000	Syd

0135	HMA Surface, Rem	5010005	750.000	Syd
0140	HMA Approach	5010061	302.000	Ton
0145	HMA, 4EML	5012025	1,133.000	Ton
0150	Sidewalk, Conc, 4 inch	8030044	664.000	Sft
0155	Guardrail, Type B	8070000	88.000	Ft
0160	Guardrail, Curved, Type B	8070010	26.000	Ft
0165	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0170	Guardrail Reflector	8070080	30.000	Ea
0175	_ Guardrail Anchorage-Bridge, Nested Type	8077050	8.000	Ea
0180	_ Guardrail Approach Terminal, Type 2B	8077050	6.000	Ea
0185	_ Drive Gate, Rem, Salvage and Re-erect	8087051	1.000	LSUM
0190	Delineator Reflector, Green	8100133	2.000	Ea
0195	Post, Rigid, Delineator	8100361	2.000	Ea
0200	Post, Steel, 3 lb	8100371	170.000	Ft
0205	Post, Wood, 6 inch by 8 inch	8100382	20.000	Ft
0210	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0215	Sign, Type III, Rem	8100403	12.000	Ea
0220	Sign, Type IIIA	8100404	24.000	Sft
0225	Sign, Type IIIB	8100405	16.000	Sft
0230	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	22.000	Ft
0235	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,231.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,231.000	Ft
0245	Witness, Log, \$1,250.00	8110351	2,500.000	Dlr
0250	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0265	Minor Traf Devices	8120170	1.000	LSUM
0270	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0275	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	233.000	Sft
0285	Sign, Type B, Temp, Prismatic, Oper	8120351	233.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	73.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	73.000	Sft
0300	Riprap, Plain	8130010	382.000	Syd
0305	_ Slope Restoration, Type C	8167011	2,500.000	Syd
0310	Contractor Staking	8240001	1.000	LSUM
0315	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr

Section: 2

0320	Structures, Rem (SN 6844)	2040060	1.000	LSUM
0325	Structures, Rem (SN 6864)	2040060	1.000	LSUM
0330	Excavation, Channel	2050015	313.000	Cyd
0335	Excavation, Rock	2050018	100.000	Cyd

0340	Backfill, Structure, CIP	2060002	540.000	Cyd
0345	Excavation, Fdn	2060010	1,060.000	Cyd
0350	Excavation, Rock Fdn	2060011	15.000	Cyd
0355	Erosion Control, Filter Bag	2080014	4.000	Ea
0360	Erosion Control, Turbidity Curtain, Shallow	2080044	165.000	Ft
0365	Underdrain, Fdn, 4 inch	4040031	330.000	Ft
0370	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0375	_ Culv, Precast Three-Sided, 36 foot by 5 foot	4067001	30.000	Ft
0380	_ Culv, Precast Three-Sided, 57 foot by 6 foot	4067001	30.000	Ft
0385	Cofferdams (SN 6864)	7040007	1.000	LSUM
0390	Cofferdams, Left in Place (SN 6864)	7040009	1.000	LSUM
0395	_ Cofferdams on Rock (SN 6844)	7047051	1.000	LSUM
0400	Pile Driving Equipment, Furn (SN 6864)	7050002	1.000	LSUM
0405	Pile, Steel, Furn and Driven, 12 inch	7050030	550.000	Ft
0410	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0415	Pile Point, Steel	7050039	24.000	Ea
0420	Pile, Steel, Splice	7050050	24.000	Ea
0425	False Decking	7060060	640.000	Sft
0430	Reinforcement, Steel, Epoxy Coated	7060092	16,348.000	Lb
0435	Substructure Conc	7060100	277.000	Cyd
0440	Conc, Grade 3500	7062001	390.000	Cyd
0445	_ Bridge Railing, Guardrail Type	8077001	213.000	Ft
0450	_ Riprap, Spec, Class I	8137011	80.000	Syd
0455	_ Riprap, Spec, Class II	8137011	265.000	Syd



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 055**Letting Date:** March 4, 2022**Contract ID:** 82000-209888

Description: 1.01 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on Merriman Road from westbound Schoolcraft Road (I-96 Service Drive westbound) northerly to the north of 5 Mile Road, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209888A	22A0263	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$178,600.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	508.000	Ft
0015	Sidewalk, Rem	2040055	547.000	Syd
0020	Exploratory Investigation, Vertical	2040080	30.000	Ft
0025	_ Pavt Repr, Remove, Patching	2047011	1,600.000	Syd
0030	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0035	Excavation, Earth	2050016	50.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	41.000	Ea
0050	Project Cleanup	2090001	1.000	LSUM
0055	_ Aggregate Base, 6 inch, Modified	3027011	135.000	Syd
0060	_ Storm Sewer Cleanout	4027001	500.000	Ft
0065	Dr Structure, Cleaning	4030290	41.000	Ea
0070	Dr Structure, Temp Lowering	4030390	5.000	Ea
0075	_ Dr Structure Reconstruct	4037001	21.000	Ft
0080	_ Dr Structure Cover, Adj	4037050	47.000	Ea
0085	_ Dr Structure Cover, Adj, Furn Cover A	4037050	5.000	Ea
0090	_ Dr Structure Cover, Adj, Furn Cover S	4037050	5.000	Ea
0095	_ San Structure Cover, Adj	4037050	5.000	Ea
0100	_ Cold Milling Conc Surface	5017011	100.000	Syd
0105	_ Cold Milling HMA Surface, Modified	5017011	26,983.000	Syd
0110	_ Bit Mixture for Patching, Temp	5017031	50.000	Ton
0115	_ Conditioning Existing Pavement	5017031	696.000	Ton
0120	_ Misc HMA Approach	5017031	213.000	Ton
0125	_ Misc HMA, 4EMH	5017031	3,710.000	Ton
0130	_ Misc HMA, 5EMH	5017031	3,322.000	Ton
0135	_ Misc HMA, Wedge	5017031	426.000	Ton

0140	Joint, Contraction, Cp	6020200	608.000	Ft
0145	Joint, Expansion, E2	6020207	91.000	Ft
0150	Lane Tie, Epoxy Anchored	6030030	342.000	Ea
0155	_ Pavt Repr, Nonreinf Conc, Patching	6037011	1,600.000	Syd
0160	Curb and Gutter, Conc, Det F1	8020035	250.000	Ft
0165	_ Conc Curb Cap	8027001	2,000.000	Ft
0170	_ Conc Curb Cap, Patching	8027001	1,000.000	Ft
0175	Detectable Warning Surface	8030010	155.000	Ft
0180	Curb Ramp Opening, Conc	8030030	258.000	Ft
0185	Sidewalk, Conc, 4 inch	8030044	2,497.000	Sft
0190	_ Curb Ramp, Conc, 8 inch	8037010	2,179.000	Sft
0195	_ Field Office	8097043	3.000	Mo
0200	_ Sign, Type B, Perm	8107010	245.000	Sft
0205	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,200.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	310.000	Ft
0215	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0225	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,120.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	11,025.000	Ft
0235	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0245	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0255	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0265	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
0275	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0280	Plastic Drum, Fluorescent, Furn	8120252	440.000	Ea
0285	Plastic Drum, Fluorescent, Oper	8120253	440.000	Ea
0290	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	2,000.000	Ft
0295	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,000.000	Ft
0300	Sign Cover	8120310	6.000	Ea
0305	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0310	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0315	Sign, Type B, Temp, Prismatic, Furn	8120350	584.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	584.000	Sft
0325	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	36.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	36.000	Sft
0335	Traf Regulator Control	8120370	1.000	LSUM
0340	Mulch Blanket	8160027	2,230.000	Syd

0345	Topsoil Surface, Furn, 2 inch	8160060	2,230.000	Syd
0350	Water, Sodding/Seeding	8160090	12.000	Unit
0355	_ Seeding, Mixture THM, Modified	8167011	2,230.000	Syd
0360	Monument Box Adj	8210005	2.000	Ea
0365	Monument Preservation	8210010	2.000	Ea
0370	Protect Corners	8210020	2.000	Ea
0375	_ Monument, Prec Bench Mark	8217050	5.000	Ea
0380	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr
0385	_ Contractor Staking, Modified	8247051	1.000	LSUM
0390	_ Audio-Video Rte Survey	8507051	1.000	LSUM



2/9/2022 2:48 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220304 056**Letting Date:** March 4, 2022**Contract ID:** 63000-209473

Description: 1.45 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb, gutter and ramps, signing and pavement markings on Shiawassee Road from 8 Mile Road (M-102) to Inkster Road in the city of Southfield, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209473A	22A0248	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	10,000.000	Dlr
0010	Mobilization, Max \$209,000.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.300	Acre
0020	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0025	Stump, Rem, 37 inch or Larger	2020007	4.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	12.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	217.000	Ft
0050	Curb and Gutter, Rem	2040020	144.000	Ft
0055	Fence, Rem	2040025	115.000	Ft
0060	Guardrail, Rem	2040035	180.000	Ft
0065	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0070	Pavt, Rem	2040050	239.000	Syd
0075	Sidewalk, Rem	2040055	50.000	Syd
0080	Embankment, CIP	2050010	19.000	Cyd
0085	Excavation, Earth	2050016	40.000	Cyd
0090	_ Station Grading, Modified	2057002	55.000	Sta
0095	_ Subgrade Undercut and Refill, 21AA, Limestone	2057021	1,307.000	Cyd
0100	_ Subgrade Undercutting, Type II, Special	2057021	1,307.000	Cyd
0105	_ Exploratory Excavation	2057050	10.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	46.000	Ea
0115	Erosion Control, Inlet Protection, Sediment Trap	2080024	11.000	Ea
0120	Erosion Control, Sediment Trap	2080034	68.000	Ea
0125	Erosion Control, Silt Fence	2080036	182.000	Ft
0130	_ Aggregate Base, 4 inch, Modified	3027011	3,804.000	Syd
0135	_ Aggregate Base, 8 inch, Modified	3027011	2,427.000	Syd

0140	_ Aggregate Base, Modified	3027031	90.000	Ton
0145	HMA Base Crushing and Shaping	3050002	16,676.000	Syd
0150	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0155	Aggregate Surface Cse	3060005	22.000	Cyd
0160	Maintenance Gravel	3060020	250.000	Ton
0165	_ Aggregate, 6A	3067021	5.000	Cyd
0170	Culv End Sect, 12 inch	4010012	8.000	Ea
0175	Culv End Sect, Conc, 12 inch	4010047	13.000	Ea
0180	Culv, CI F, 12 inch	4010607	801.000	Ft
0185	Sewer, CI A, 10 inch, Tr Det B	4020032	20.000	Ft
0190	Sewer, CI E, 12 inch, Tr Det B	4020600	632.000	Ft
0195	Sewer Tap, 24 inch	4021207	1.000	Ea
0200	_ Sewer, Perforated, 8 inch	4027001	355.000	Ft
0205	_ Sump Pump Main Repair	4027001	55.000	Ft
0210	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0215	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0220	Dr Structure Cover, Type B	4030010	3.000	Ea
0225	Dr Structure Cover, Type D	4030025	1.000	Ea
0230	Dr Structure Cover, Type G	4030040	6.000	Ea
0235	Dr Structure Cover, Type K	4030050	1.000	Ea
0240	Dr Structure, 24 inch dia	4030200	1.000	Ea
0245	Dr Structure, 48 inch dia	4030210	5.000	Ea
0250	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0255	Dr Structure, Temp Lowering	4030390	48.000	Ea
0260	_ Gate Well Cover, Adj, Add Depth	4037001	10.000	Ft
0265	_ Dr Structure, Adj, Case 1, OCWRC	4037050	15.000	Ea
0270	_ Dr Structure, Adj, Case 2, OCWRC	4037050	4.000	Ea
0275	_ Dr Structure, PVC, 12 inch	4037050	5.000	Ea
0280	_ Dr Structure, Tap, 12 inch, OCWRC	4037050	9.000	Ea
0285	_ Gate Box, Adj	4037050	16.000	Ea
0290	_ Gate Well Cover	4037050	2.000	Ea
0295	_ Gate Well Cover, Adj, Case 1	4037050	8.000	Ea
0300	_ Gate Well Cover, Adj, Case 2	4037050	3.000	Ea
0305	_ Sanitary Structure Cover	4037050	10.000	Ea
0310	_ Sanitary Structure Cover, Adj, Case 1	4037050	41.000	Ea
0315	_ Sanitary Structure Cover, Adj, Case 2	4037050	4.000	Ea
0320	HMA Surface, Rem	5010005	4,492.000	Syd
0325	Hand Patching	5010025	50.000	Ton
0330	HMA Approach	5010061	348.000	Ton
0335	HMA, 4EL	5012024	589.000	Ton
0340	HMA, 4EML	5012025	3,095.000	Ton
0345	HMA, 5EL	5012036	355.000	Ton
0350	HMA, 5EML	5012037	2,063.000	Ton
0355	Joint, Contraction, Cp	6020200	146.000	Ft
0360	Joint, Expansion, E2	6020207	50.000	Ft

0365	Joint, Expansion, E3	6020208	65.000	Ft
0370	Crack Sealing, Conc Pavt	6030010	500.000	Ft
0375	Joint, Contraction, Crg	6030020	1,697.000	Ft
0380	Joint, Expansion, Erg	6030021	50.000	Ft
0385	Lane Tie, Epoxy Anchored	6030030	375.000	Ea
0390	_ Full Depth Conc Centerline, Repr	6037001	612.000	Ft
0395	_ Pavt Repr, Rem, Modified	6037011	1,607.000	Syd
0400	_ Pavt Repr, with or without Curb, Nonreinf Conc, 9 inch	6037011	1,501.000	Syd
0405	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	197.000	Syd
0410	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	100.000	Syd
0415	Curb, Conc, Det E2	8020002	57.000	Ft
0420	Curb and Gutter, Conc, Det F2	8020036	699.000	Ft
0425	Curb and Gutter, Conc, Det F4	8020038	234.000	Ft
0430	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0435	_ Spillway, Conc, Modified	8027001	8.000	Ft
0440	Curb Ramp Opening, Conc	8030030	10.000	Ft
0445	Sidewalk, Conc, 4 inch	8030044	1,198.000	Sft
0450	Sidewalk, Conc, 6 inch	8030046	128.000	Sft
0455	Sidewalk, Conc, 8 inch	8030048	125.000	Sft
0460	Curb Ramp, Conc, 6 inch	8032002	2,083.000	Sft
0465	_ Detectable Warning Surface, Modified	8037001	128.000	Ft
0470	Guardrail, Type MGS-8	8070004	163.000	Ft
0475	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0480	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0485	_ Post, Mailbox, Remove and Reset	8077050	68.000	Ea
0490	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0495	Sign, Type III, Rem	8100403	57.000	Ea
0500	Sign, Type IIIA	8100404	124.000	Sft
0505	Sign, Type IIIB	8100405	63.000	Sft
0510	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	49.000	Ft
0515	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0520	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	60.000	Ft
0525	Recessing Pavt Mrkg, Longit	8110450	16,421.000	Ft
0530	Recessing Pavt Mrkg, Transv	8110451	167.000	Sft
0535	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	9,572.000	Ft
0540	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 4 inch, Yellow	8112132	6,849.000	Ft
0545	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0555	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0565	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea

0570	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0575	Sign Cover	8120310	2.000	Ea
0580	Sign, Type A, Temp, Prismatic, Furn	8120340	375.000	Sft
0585	Sign, Type A, Temp, Prismatic, Oper	8120341	375.000	Sft
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	3,174.000	Sft
0595	Sign, Type B, Temp, Prismatic, Oper	8120351	3,174.000	Sft
0600	Riprap, Plain	8130010	4.000	Syd
0605	Slope Restoration, Non-Freeway, Type C	8162003	430.000	Syd
0610	_ Slope Restoration, Bonded Fiber Matrix	8167011	8,975.000	Syd
0615	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0620	_ Sprinkler Line	8237001	1,000.000	Ft
0625	_ Sprinkler Head, Replace	8237050	100.000	Ea
0630	_ Audio Video Route Survey	8507051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 220304 057

Letting Date: March 4, 2022

Contract ID: 21000-207333

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207333A	22A0347	N/A	HSIP 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$54,800.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	14,419.000	Ft
0015	Pavt Mrkg, Polyurea, Yield	8110103	2.000	Ea
0020	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	119.000	Ea
0025	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	5,074.000	Ft
0030	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	9,243.000	Ft
0035	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	3,892.000	Ft
0040	Pavt Mrkg, Polyurea, 12 inch, White	8110111	890.000	Ft
0045	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	6,048.000	Ft
0050	Rem Spec Mrkg	8110343	1,000.000	Sft
0055	Pavt Mrkg, Polyurea, Lt Roundabout Arrow Sym	8110395	6.000	Ea
0060	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	23.000	Ea
0065	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	213.000	Ea
0070	Pavt Mrkg, Polyurea, Only	8110410	103.000	Ea
0075	Pavt Mrkg, Polyurea, Railroad Sym	8110411	40.000	Ea
0080	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	130.000	Ea
0085	Pavt Mrkg, Polyurea, School	8110414	39.000	Ea
0090	Pavt Mrkg, Polyurea, Stop	8110415	5.000	Ea
0095	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	26.000	Ea
0100	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	26.000	Ea
0105	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	31.000	Ea
0110	Pavt Mrkg, Thermopl, Rumble Strip	8110470	885.000	Ft
0115	Protective Ovly, Snowmobile Trail Crossing	8110550	2,000.000	Syd
0120	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	56.000	Ft
0125	Scarification, for Polyurea Spec Mrkg	8112159	70,700.000	Sft
0130	Pavt Mrkg, Polyurea, Rt, Thru and Lt Roundabout Arrow Sym	8112175	4.000	Ea

0135	_ Call Back, Intermediate Transportation, Spec Mrkg, \$4.55	8117003	500.000	Mi
0140	_ Call Back, Intermediate Transportation, Surface Preparation, \$3.75	8117003	500.000	Mi
0145	_ Call Back, Mobilization, Spec Mrkg, \$570.00	8117050	3.000	Ea
0150	_ Call Back, Mobilization, Surface Preparation, \$470.00	8117050	3.000	Ea
0155	_ Pavt Mrkg, Polyurea, Ahead	8117050	3.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 220304 058

Letting Date: March 4, 2022

Contract ID: 82111-214312

Description: Bridge rehabilitation including partial bridge railing and fencing replacement on Chrysler Road over I-375 in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214312A	N/A	N/A	MER 82111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$9,900.00	1100001	1.000	LSUM
0010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0015	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0020	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0025	Conc Barrier, Temp, Furn	8120081	60.000	Ft
0030	Conc Barrier, Temp, Oper	8120082	60.000	Ft
0035	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	Mobile Attenuator	8120180	2.000	Ea
0055	Plastic Drum, Fluorescent, Furn	8120252	130.000	Ea
0060	Plastic Drum, Fluorescent, Oper	8120253	130.000	Ea
0065	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0070	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	970.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	970.000	Sft
0085	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	35.000	Sft
0090	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	35.000	Sft
0095	_ Salvaging Temp Barrier (S05 of 82111)	8127051	1.000	LSUM
0100	TS Face, Bag	8200458	3.000	Ea
0105	TS Face, Bag, Rem	8200459	3.000	Ea
0110	Contractor Staking	8240001	1.000	LSUM
0115	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr

Section: 2

0120	Fence, Rem	2040025	31.000	Ft
------	------------	---------	--------	----

0125	Reinforcement, Steel, Epoxy Coated	7060092	695.000	Lb
0130	_ Silane Treatment	7107010	245.000	Sft
0135	Bridge Barrier Railing, Type 6, Replacement, High Performance	7112014	31.000	Ft
0140	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	104.000	Ea
0145	Structures, Rehabilitation, Rem Portions (S05 OF 82111)	7120070	1.000	LSUM
0150	Fence, Structure	8080110	341.000	Sft
