



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 001

**Letting Date:** December 2, 2022

**Contract ID:** 61000-202406

**Description:** Bridge reconstruction with 17 inch prestressed concrete box beams and approach work on Trent Road over Crockery Creek and Blackmer Road over Rio Grande Creek, Muskegon County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202406A	22A0924	N/A	BRT 61000
209822A	22A0928	N/A	BFPO 61000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$195,100.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	12.000	Sta
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Guardrail, Rem	2040035	317.000	Ft
0025	Embankment, CIP	2050010	625.000	Cyd
0030	Excavation, Earth	2050016	2,464.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0040	Erosion Control, Silt Fence	2080036	2,488.000	Ft
0045	Subbase, CIP	3010002	2,354.000	Cyd
0050	Aggregate Base	3020001	1,493.000	Ton
0055	Aggregate Base, 8 inch	3020020	2,400.000	Syd
0060	Shld, CI II	3070121	151.000	Ton
0065	Shld, CI II, 6 inch	3070128	250.000	Syd
0070	HMA Surface, Rem	5010005	2,941.000	Syd
0075	HMA Approach	5010061	26.000	Ton
0080	HMA, 4EL	5012024	708.000	Ton
0085	HMA, 5EL	5012036	429.000	Ton
0090	_ HMA Spillway	5017011	16.000	Syd
0095	Conc Pavt, Bridge Approach, Reinf	6020600	132.000	Syd
0100	Curb and Gutter, Conc, Det B2	8020016	192.000	Ft
0105	Curb and Gutter, Bridge Approach, Det 1	8022010	86.000	Ft
0110	Curb and Gutter, Bridge Approach, Det 2	8022011	127.000	Ft
0115	Guardrail, Type B	8070000	295.000	Ft
0120	Guardrail, Curved, Type B	8070010	88.000	Ft
0125	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0130	Guardrail Anch, Bridge, Det T3	8070024	4.000	Ea

0135	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0140	Guardrail Reflector	8070080	58.000	Ea
0145	Post, Mailbox	8070095	1.000	Ea
0150	_ Guardrail Approach Terminal, Type 2B	8077050	7.000	Ea
0155	Post, Steel, 3 pound	8100371	35.000	Ft
0160	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0165	Sign, Type III, Rem	8100403	4.000	Ea
0170	Ground Mtd Sign Support, Rem	8102010	4.000	Ea
0175	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,582.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,550.000	Ft
0185	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	320.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	10.000	Ea
0205	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	10.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Plastic Drum, Fluorescent, Furn	8120252	22.000	Ea
0220	Plastic Drum, Fluorescent, Oper	8120253	22.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	661.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	661.000	Sft
0235	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	244.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	244.000	Sft
0245	Riprap, Plain	8130011	29.000	Ton
0250	Ditch, Plain Cobble	8140005	20.000	Syd
0255	Slope Restoration, Non-Freeway, Type B	8162002	200.000	Syd
0260	Slope Restoration, Non-Freeway, Type C	8162003	550.000	Syd
0265	Slope Restoration, Non-Freeway, Type D	8162004	350.000	Syd
0270	_ Slope Restoration, Modified	8167011	1,000.000	Syd

**Section: 2**

0275	Structures, Rem (SN 7665)	2040060	1.000	LSUM
0280	Structures, Rem (SN 7690)	2040060	1.000	LSUM
0285	Backfill, Structure, CIP	2060002	941.000	Cyd
0290	Excavation, Fdn	2060010	2,157.000	Cyd
0295	Erosion Control, Filter Bag	2080014	6.000	Ea
0300	Erosion Control, Turbidity Curtain, Shallow	2080044	145.000	Ft
0305	_ Turbidity Curtain, Modified	2087001	150.000	Ft
0310	Underdrain, Fdn, 4 inch	4040031	224.000	Ft
0315	Underdrain Outlet, 4 inch	4040091	72.000	Ft
0320	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0325	Joint, Expansion, E3	6020208	95.000	Ft
0330	Cofferdams (SN 7665)	7040007	1.000	LSUM
0335	Cofferdams (SN 7690)	7040007	1.000	LSUM

0340	Pile Driving Equipment, Furn (SN 7665)	7050002	1.000	LSUM
0345	Pile Driving Equipment, Furn (SN 7690)	7050002	1.000	LSUM
0350	Pile, Steel, Furn and Driven, 12 inch	7050030	3,194.000	Ft
0355	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0360	Pile, Steel, Splice	7050050	46.000	Ea
0365	Bridge Ltg, Furn and Rem (SN 7665)	7060001	1.000	LSUM
0370	Bridge Ltg, Furn and Rem (SN 7690)	7060001	1.000	LSUM
0375	Bridge Ltg, Oper and Maintain	7060002	148.000	Cyd
0380	Conc, Low Temperature Protection	7060020	311.000	Cyd
0385	False Decking	7060060	3,043.000	Sft
0390	Reinforcement, Steel, Epoxy Coated	7060092	66,099.000	Lb
0395	Substructure Conc	7060100	477.000	Cyd
0400	Superstructure Conc	7060110	16.000	Cyd
0405	Superstructure Conc, Form, Finish, and Cure (SN 7665)	7060111	1.000	LSUM
0410	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 7665)	7060112	1.000	LSUM
0415	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 7690)	7060112	1.000	LSUM
0420	Superstructure Conc, Night Casting	7060113	148.000	Cyd
0425	Conc, Grade 3500, Subfooting	7062000	221.000	Cyd
0430	Bearing, Elastomeric, 1 inch	7070012	1,386.000	Sin
0435	Bearing, Elastomeric, 1 1/2 inch	7070014	1,386.000	Sin
0440	Bearing, Elastomeric, 2 inch	7070016	1,650.000	Sin
0445	Prest Conc I Beam, Furn, 36 inch	7080025	193.000	Ft
0450	Prest Conc I Beam, Erect, 36 inch	7080026	193.000	Ft
0455	Prest Conc Box Beam, Furn, 17 inch	7080055	329.000	Ft
0460	Prest Conc Box Beam, Erect, 17 inch	7080056	329.000	Ft
0465	Joint Waterproofing	7100001	512.000	Sft
0470	Joint Waterproofing, Expansion	7100003	218.000	Sft
0475	_ Silane Treatment	7107010	2,645.000	Sft
0480	Bridge Barrier Railing, Type 4	7110001	80.000	Ft
0485	Bridge Barrier Railing, Type 5	7110002	94.000	Ft
0490	Riprap, Heavy	8130005	350.000	Syd
0495	_ Riprap, Heavy, Modified	8137011	203.000	Syd



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 002

**Letting Date:** December 2, 2022

**Contract ID:** 58000-211907

**Description:** 2.57 mi of hot mix asphalt overlay, centerline and shoulder rumble strips, signing upgrades and pavement markings on Sterns Road from US-23 to Whiteford Road, Sterns Road at Whiteford Road and Sterns Road at Whiteford Center Road, Monroe County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211907A	22A1071	N/A	HSIP 58000
212617A	22A1072	N/A	CPM 58000
212618A	22A1073	N/A	CPM 58000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$131,800.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	44.000	Ft
0020	Curb and Gutter, Rem	2040020	10.000	Ft
0025	Utility Pole, Rem	2040070	1.000	Ea
0030	Embankment, CIP	2050010	6,250.000	Cyd
0035	Excavation, Earth	2050016	2,025.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0045	Erosion Control, Silt Fence	2080036	12,000.000	Ft
0050	Subbase, CIP	3010002	25.000	Cyd
0055	Aggregate Base	3020001	3,047.000	Ton
0060	Maintenance Gravel	3060020	20.000	Ton
0065	Shld, CI II	3070121	1,170.000	Ton
0070	Trenching	3070200	47.000	Sta
0075	Culv End Sect, 12 inch	4010012	1.000	Ea
0080	Sewer, CI A, 12 inch, Tr Det A	4020004	1,214.000	Ft
0085	Sewer, CI E, 12 inch, Tr Det B	4020600	60.000	Ft
0090	Video Taping Sewer and Culv Pipe	4021275	1,274.000	Ft
0095	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0100	Dr Structure Cover, Type B	4030010	2.000	Ea
0105	Dr Structure Cover, Type G	4030040	3.000	Ea
0110	Dr Structure Cover, Type K	4030050	2.000	Ea
0115	Dr Structure, 24 inch dia	4030200	2.000	Ea
0120	Dr Structure, 48 inch dia	4030210	3.000	Ea
0125	Dr Structure, Adj, Add Depth	4030280	6.000	Ft

0130	Pavt, Cleaning	5010001	1.000	LSUM
0135	HMA Surface, Rem	5010005	170.000	Syd
0140	Pavt for Butt Joints, Rem	5010008	335.000	Syd
0145	Edge Trimming	5010009	7,000.000	Ft
0150	Hand Patching	5010025	16.000	Ton
0155	HMA, 3EMH	5012014	1,650.000	Ton
0160	HMA, 4EMH	5012026	1,535.000	Ton
0165	_ HMA, Ultra-Thin, High Volume	5047031	2,850.000	Ton
0170	Conduit, 3 inch	7060030	25.000	Ft
0175	Curb and Gutter, Conc, Det F4	8020038	558.000	Ft
0180	Spillway, Conc	8020075	20.000	Ft
0185	Post, Steel, 3 pound	8100371	680.000	Ft
0190	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0195	Sign, Type III, Rem	8100403	42.000	Ea
0200	Sign, Type IIIA	8100404	9.000	Sft
0205	Sign, Type IIIB	8100405	218.000	Sft
0210	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0215	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	108.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,814.000	Ft
0225	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,426.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	24,056.000	Ft
0235	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,814.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,426.000	Ft
0245	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	24,056.000	Ft
0250	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	13.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0275	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0285	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,200.000	Ft
0295	Sign, Type B, Temp, Prismatic, Furn	8120350	737.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	737.000	Sft
0305	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	93.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	93.000	Sft
0315	Traf Regulator Control	8120370	1.000	LSUM
0320	Riprap, Plain	8130010	14.000	Syd
0325	Slope Restoration, Non-Freeway, Type A	8162001	5,850.000	Syd
0330	Hh, Round	8182310	1.000	Ea
0335	Wood Pole, Cl 4, 30 foot	8182349	1.000	Ea
0340	Serv Disconnect	8182366	1.000	Ea

0345	Serv Disconnect, Rem	8182367	1.000	Ea
0350	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0355	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	2.000	Ea
0360	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0365	Controller and Cabinet, Rem	8200030	1.000	Ea
0370	Controller Fdn, Base Mtd	8200045	1.000	Ea
0375	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dir
0380	Span Wire	8200140	4.000	Ea
0385	Span Wire, Rem	8200141	3.000	Ea
0390	Span Wire Tether	8200142	4.000	Ea
0395	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0400	TS, One Way Span Wire Mtd	8200190	8.000	Ea
0405	TS, One Way Span Wire Mtd, LTGA	8200193	2.000	Ea
0410	Wireless Vehicle Detection System	8200422	1.000	Ea
0415	Wireless Vehicle Sensor Node	8200425	14.000	Ea
0420	Backplate, TS	8200501	10.000	Ea
0425	_ Controller and Cabinet, Digital Type	8207050	1.000	Ea
0430	Centerline Corrugations, Milled, HMA	8220013	6,000.000	Ft
0435	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	24,000.000	Ft

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 003

**Letting Date:** December 2, 2022

**Contract ID:** 82000-208973

**Description:** 0.31 mi of concrete pavement with integral curb, storm sewer, curb ramps, concrete sidewalk, signing and pavement markings on Caniff Street from Conant Street northeasterly to Buffalo Street in the cities of Hamtramck and Detroit, Wayne County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208973A	22A1052	N/A	STU 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Reimbursed Permit Fees	1077060	9,000.000	Dir
0010	Mobilization, Max \$95,700.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	3.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	69.000	Ft
0025	Pavt, Rem	2040050	7,700.000	Syd
0030	Sidewalk, Rem	2040055	774.000	Syd
0035	Embankment, CIP	2050010	775.000	Cyd
0040	Excavation, Earth	2050016	1,880.000	Cyd
0045	Subgrade Undercutting, Type IV	2050043	400.000	Cyd
0050	_ Erosion Control, Silt Sack	2087050	35.000	Ea
0055	Aggregate Base, 4 inch	3020010	659.000	Syd
0060	Aggregate Base, 6 inch	3020016	586.000	Syd
0065	Aggregate Base, 8 inch	3020020	7,631.000	Syd
0070	Maintenance Gravel	3060020	350.000	Ton
0075	Geotextile, Stabilization	3080010	750.000	Syd
0080	Sewer, CI IV, 12 inch, Tr Det B	4020987	345.000	Ft
0085	Sewer Tap, 12 inch	4021204	5.000	Ea
0090	Video Taping Sewer and Culv Pipe	4021275	345.000	Ft
0095	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0100	Dr Structure Cover, Type B	4030010	1.000	Ea
0105	Dr Structure Cover, Type D	4030025	8.000	Ea
0110	Dr Structure Cover, Type G	4030040	1.000	Ea
0115	Dr Structure, 24 inch dia	4030200	6.000	Ea
0120	Dr Structure, 48 inch dia	4030210	3.000	Ea
0125	Dr Structure, 60 inch dia	4030220	1.000	Ea
0130	_ Dr Structure, Reconstruct	4037001	48.000	Ft
0135	_ Sewer Trap, 12 inch	4037050	9.000	Ea

0140	Underdrain, Subgrade, 6 inch	4040073	3,592.000	Ft
0145	HMA Surface, Rem	5010005	6,849.000	Syd
0150	Conc Pavt with Integral Curb, Nonreinf, 7 inch	6020162	439.000	Syd
0155	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	6,759.000	Syd
0160	Joint, Contraction, Cp	6020200	5,180.000	Ft
0165	Joint, Expansion, E2	6020207	240.000	Ft
0170	Pavt Gapping	6020215	75.000	Ft
0175	Driveway, Nonreinf Conc, 6 inch	8010005	410.000	Syd
0180	Driveway, Nonreinf Conc, 8 inch	8010007	129.000	Syd
0185	Driveway Opening, Conc, Det M	8020050	714.000	Ft
0190	Detectable Warning Surface	8030010	155.000	Ft
0195	Curb Ramp Opening, Conc	8030030	155.000	Ft
0200	Sidewalk, Conc, 4 inch	8030044	4,580.000	Sft
0205	Sidewalk, Conc, 6 inch	8030046	165.000	Sft
0210	Sidewalk, Conc, 8 inch	8030048	420.000	Sft
0215	Curb Ramp, Conc, 4 inch	8032001	410.000	Sft
0220	Curb Ramp, Conc, 7 inch	8032003	795.000	Sft
0225	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0230	Post, Steel, 3 pound	8100371	11.000	Ft
0235	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0240	Sign, Type III, Rem	8100403	1.000	Ea
0245	Sign, Type IIIA	8100404	7.000	Sft
0250	Sign, Type IIIB	8100405	2.000	Sft
0255	Sign, Type III, Rem, Salv	8102003	1.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	620.000	Ft
0265	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	137.000	Ft
0270	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,930.000	Ft
0275	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,930.000	Ft
0280	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	620.000	Ft
0285	Rem Curing Compound, for Spec Mrkg	8110321	274.000	Sft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0300	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0305	Minor Traf Devices	8120170	1.000	LSUM
0310	Plastic Drum, Fluorescent, Furn	8120252	113.000	Ea
0315	Plastic Drum, Fluorescent, Oper	8120253	113.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	269.000	Sft
0325	Sign, Type B, Temp, Prismatic, Oper	8120351	269.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	72.000	Sft
0335	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	72.000	Sft
0340	Fertilizer, Chemical Nutrient, CI A	8160020	73.000	Lb
0345	Mulch Blanket	8160027	2,013.000	Syd
0350	Seeding, Mixture THM	8160039	91.000	Lb



0355	Topsoil Surface, Furn, 3 inch	8160061	2,013.000	Syd
0360	Sanitary Structure Cover, Adj, Case 1	8252145	8.000	Ea

---



10/27/2022 1:14 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 004**Letting Date:** December 2, 2022**Contract ID:** 77000-215083**Description:** Replace superstructure with proposed galvanized coated 30 inch x 122 inch steel tub girders and approach work on King Road over Belle River, St. Clair County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215083A	22A1078	N/A	STL 77000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$245,500.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Curb and Gutter, Rem	2040020	148.000	Ft
0020	Guardrail, Rem	2040035	359.000	Ft
0025	Exploratory Investigation, Vertical	2040080	50.000	Ft
0030	_ Pavt, Rem, Modified	2047011	1,559.000	Syd
0035	Embankment, CIP	2050010	160.000	Cyd
0040	Excavation, Earth	2050016	1,386.000	Cyd
0045	Erosion Control, Silt Fence	2080036	958.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0055	Subbase, CIP	3010002	600.000	Cyd
0060	_ Subbase, Modified	3017021	166.000	Cyd
0065	_ Aggregate Base, Modified	3027031	1,355.000	Ton
0070	_ Shoulder, CI II, Modified	3077031	20.000	Ton
0075	_ Shoulder, Cobble	3077031	106.000	Ton
0080	Road Grade Biaxial Geogrid	3082002	1,920.000	Syd
0085	_ Geotextile Base Reinforcement	3087011	1,920.000	Syd
0090	Underdrain, Pipe, Open-Graded, 4 inch	4040041	742.000	Ft
0095	Underdrain Outlet, 4 inch	4040091	52.000	Ft
0100	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0105	HMA Approach	5010061	12.000	Ton
0110	HMA, 3EML	5012013	304.000	Ton
0115	HMA, 4EML	5012025	198.000	Ton
0120	HMA, 5EML	5012037	148.000	Ton
0125	_ Curb and Gutter, Bridge Approach, Modified	8027001	60.000	Ft
0130	_ Shoulder Gutter, Conc, Det 2, Modified	8027050	4.000	Ea
0135	Guardrail, Type B	8070000	225.000	Ft
0140	Guardrail Reflector	8070080	36.000	Ea

0145	_ Guardrail Anch, Bridge, Det T2, LAP	8077050	4.000	Ea
0150	_ Guardrail Approach Terminal, Type 1B, LAP	8077050	4.000	Ea
0155	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	147.000	Ft
0160	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,172.000	Ft
0165	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	196.000	Ft
0170	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	392.000	Ft
0175	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0185	Minor Traf Devices	8120170	1.000	LSUM
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	225.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	225.000	Sft
0200	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	75.000	Sft
0205	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	75.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM
0215	_ Cobble Spillway	8137011	47.000	Syd
0220	Slope Restoration, Non-Freeway, Type B	8162002	1,096.000	Syd
0225	Slope Restoration, Non-Freeway, Type C	8162003	1,182.000	Syd

**Section: 2**

0230	Structures, Rem Portions	2040061	1.000	LSUM
0235	Backfill, Structure, CIP	2060002	28.000	Cyd
0240	Excavation, Fdn	2060010	262.000	Cyd
0245	_ Backfill, Structure, Modified	2067021	142.000	Cyd
0250	Erosion Control, Turbidity Curtain, Deep	2080042	164.000	Ft
0255	Underdrain, Fdn, 4 inch	4040031	86.000	Ft
0260	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0265	Bridge Ltg, Oper and Maintain	7060002	245.000	Cyd
0270	Expansion Joint Device	7060050	123.000	Ft
0275	False Decking	7060060	7,715.000	Sft
0280	Reinforcement, Steel, Epoxy Coated	7060092	53,875.000	Lb
0285	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0290	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0295	Sealing Localized Cracks SN 10109	7060220	1.000	LSUM
0300	_ Substructure Conc, Modified	7067021	102.000	Cyd
0305	_ Superstructure Conc, Modified	7067021	56.000	Cyd
0310	_ Superstructure Conc, Night Casting Modified	7067021	245.000	Cyd
0315	_ Structure Name Plate	7067050	1.000	Ea
0320	Bearing, Elastomeric, 2 inch	7070016	10,692.000	Sin
0325	_ Structural Steel, Erect, Special	7077051	1.000	LSUM
0330	_ Structural Steel, Furn and Fab, Special	7077051	1.000	LSUM
0335	Joint Waterproofing	7100001	200.000	Sft
0340	Joint Waterproofing, Expansion	7100003	116.000	Sft
0345	Bridge Railing, 2 Tube	7110008	362.000	Ft

0350	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	372.000	Ea
0355	Embedded Galvanic Anode	7120120	180.000	Ea
0360	Field Repr of Damaged Coating	7160001	1.000	LSUM

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 005

**Letting Date:** December 2, 2022

**Contract ID:** 49000-217258

**Description:** 3.99 mi of hot mix asphalt reconstruction, aggregate shoulders and pavement markings on Charles Moran Road east of M-123, Mackinac County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
217258A	22A1030	N/A	FLAP 49000
217261A	22A1030	N/A	FLAP 49000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$81,600.00	1100001	1.000	LSUM
0010	Aggregate Base, Conditioning	3020051	144.000	Sta
0015	HMA Base Crushing and Shaping	3050002	22,350.000	Syd
0020	Shld, CI II	3070121	1,750.000	Ton
0025	HMA, 4EML	5012025	5,750.000	Ton
0030	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0035	_ Pavt Mrkg, Regular Dry, 4 inch, White, Modified	8117001	42,100.000	Ft
0040	_ Pavt Mrkg, Regular Dry, 4 inch, Yellow, Modified	8117001	16,000.000	Ft
0045	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	128.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	128.000	Ea
0055	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,630.000	Ft
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0085	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0090	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0095	Traf Regulator Control	8120370	1.000	LSUM
0100	Monument Box	8210001	5.000	Ea
0105	Monument Box Adj	8210005	3.000	Ea
0110	Monument Preservation	8210010	5.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 006

**Letting Date:** December 2, 2022

**Contract ID:** 34000-209743

**Description:** 0.82 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching for shoulder widening and pavement markings on Potters Road from Hawley Highway east to McKinch Drive, Ionia County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209743A	22A1076	N/A	STL 34000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$34,100.00	1100001	1.000	LSUM
0010	Aggregate Base	3020001	1,550.000	Ton
0015	HMA Base Crushing and Shaping	3050002	14,500.000	Syd
0020	Maintenance Gravel	3060020	100.000	Ton
0025	Approach, CI II	3070021	100.000	Ton
0030	Shld, CI II	3070121	350.000	Ton
0035	Trenching	3070200	86.000	Sta
0040	HMA Approach	5010061	30.000	Ton
0045	HMA, 4EL	5012024	2,500.000	Ton
0050	Post, Mailbox	8070095	13.000	Ea
0055	Post, Steel, 3 pound	8100371	60.000	Ft
0060	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0065	Sign, Type III, Rem	8100403	3.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,700.000	Ft
0075	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,700.000	Ft
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0085	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	620.000	Ft
0100	Plastic Drum, Fluorescent, Furn	8120252	85.000	Ea
0105	Plastic Drum, Fluorescent, Oper	8120253	85.000	Ea
0110	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	620.000	Ft
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0125	Traf Regulator Control	8120370	1.000	LSUM
0130	_ Slope Restoration	8167011	250.000	Syd

0135	Monument Box	8210001	1.000	Ea
0140	Monument Preservation	8210010	1.000	Ea

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 007

**Letting Date:** December 2, 2022

**Contract ID:** 46061-131769

**Description:** 13.92 mi of hot mix asphalt cold milling and resurfacing, shoulder widening, drainage improvements, guardrail, ITS work, signal modernization, signing, pavement marking, roundabout construction on US-127 at US-223, US-127 from US-12 to Junction Road and on US-223 from US-127 to east of Brooks Highway, and US-223 from Rome Road east to Stoddard Road, Lenawee County. This project includes three 5 year materials and workmanship pavement warranties and a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
131769A	23A0012	N/A	NH 46061
204949A	23A0013	N/A	HSIP 46011
209398A	23A0014	N/A	NH 46011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Conc Quality Initiative	10000030	18,324.000	Dlr
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$3,136,000.00	1100001	1.000	LSUM
0020	Clearing	2010001	4.370	Acre
0025	Tree, Rem, 19 inch to 36 inch	2020002	39.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0035	Tree, Rem, 6 inch to 18 inch	2020004	66.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	17.000	Ea
0045	Stump, Rem, 37 inch or Larger	2020007	7.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	41.000	Ea
0055	Culv, Rem, Less than 24 inch	2030001	584.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	9.000	Ea
0065	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0070	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0075	Dr Structure, Rem	2030011	26.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	3,218.000	Ft
0085	_ Monitoring Well, Abandon	2037050	3.000	Ea
0090	Curb and Gutter, Rem	2040020	7,611.000	Ft
0095	Curb, Rem	2040021	483.000	Ft
0100	Fence, Rem	2040025	2,013.000	Ft
0105	Guardrail, Rem	2040035	7,648.000	Ft
0110	Masonry and Conc Structure, Rem	2040045	125.000	Cyd
0115	Pavt, Rem	2040050	10,841.000	Syd



0120	Exploratory Investigation, Vertical	2040080	180.000	Ft
0125	Embankment, CIP	2050010	26,824.000	Cyd
0130	Excavation, Earth	2050016	151,424.000	Cyd
0135	Non Haz Contaminated Material Handling and Disposal, LM	2050031	650.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	2,050.000	Cyd
0145	Subgrade Undercutting, Type IV	2050043	1,500.000	Cyd
0150	Flowable Fill, Non-Structural	2050148	94.000	Cyd
0155	_ Ditch Cleanout, Spec	2057001	6,485.000	Ft
0160	Erosion Control, Check Dam, Stone	2080012	11,254.000	Ft
0165	Erosion Control, Inlet Protection, Fabric Drop	2080020	128.000	Ea
0170	Erosion Control, Maintenance, Sediment Rem	2080026	768.000	Cyd
0175	Erosion Control, Sediment Basin	2080032	70.000	Cyd
0180	Erosion Control, Sediment Trap	2080034	729.000	Ea
0185	Erosion Control, Silt Fence	2080036	70,068.000	Ft
0190	Project Cleanup	2090001	1.000	LSUM
0195	Subbase, CIP	3010002	22,708.000	Cyd
0200	Aggregate Base, 6 inch	3020016	156,521.000	Syd
0205	Aggregate Base, 12 inch	3020030	139.000	Syd
0210	Aggregate Surface Cse, 6 inch	3060010	1,680.000	Syd
0215	Maintenance Gravel	3060020	5,105.000	Ton
0220	Driveway Maintenance, Commercial	3062000	76.000	Ea
0225	Driveway Maintenance, Residential	3062001	146.000	Ea
0230	Intersection Maintenance	3062002	34.000	Ea
0235	Approach, CI II	3070021	2,295.000	Ton
0240	Shld, CI II, 6 inch	3070128	26,661.000	Syd
0245	Shld, CI II, Temp	3070170	27.000	Ton
0250	Trenching	3070200	1,164.000	Sta
0255	_ Shld, CI II, 9 1/2 inch	3077011	137.000	Syd
0260	Culv End Sect, 12 inch	4010012	212.000	Ea
0265	Culv End Sect, 15 inch	4010015	2.000	Ea
0270	Culv End Sect, 18 inch	4010018	6.000	Ea
0275	Culv End Sect, 24 inch	4010024	11.000	Ea
0280	Culv End Sect, Conc, 48 inch	4010055	1.000	Ea
0285	Culv End Sect, Footing	4010072	392.000	Ea
0290	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0295	Culv, CI A, 15 inch	4010132	70.000	Ft
0300	Culv, CI A, 18 inch	4010133	540.000	Ft
0305	Culv, CI A, 24 inch	4010134	708.000	Ft
0310	Culv, CI A, 36 inch	4010136	68.000	Ft
0315	Culv, CI E, 18 inch	4010541	904.000	Ft
0320	Culv, CI E, 24 inch	4010542	571.000	Ft
0325	Culv, CI E, 30 inch	4010543	116.000	Ft
0330	Culv, CI E, 42 inch	4010545	120.000	Ft
0335	Culv, CI E, 48 inch	4010546	60.000	Ft

0340	Culv, CI F, 12 inch	4010607	4,324.000	Ft
0345	Culv, CI F, 15 inch	4010608	100.000	Ft
0350	Culv, CI F, 18 inch	4010609	1,424.000	Ft
0355	Culv, CI F, 24 inch	4010610	320.000	Ft
0360	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	2.000	Ea
0365	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	59.000	Ea
0370	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	38.000	Ea
0375	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	15.000	Ea
0380	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	31.000	Ea
0385	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	4.000	Ea
0390	Culv, Slp End Sect, 1 on 4, 36 inch, Longit	4010929	4.000	Ea
0395	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	3.000	Ea
0400	Culv, Slp End Sect, 1 on 4, 42 inch, Transv	4010932	4.000	Ea
0405	Culv, Slp End Sect, 1 on 4, 48 inch, Transv	4010934	2.000	Ea
0410	Dr Marker Post	4011109	407.000	Ea
0415	Culv End Sect 12 inch, Grate	4012020	24.000	Ea
0420	Culv End Sect 18 inch, Grate	4012022	4.000	Ea
0425	Culv End Sect 24 inch, Grate	4012024	8.000	Ea
0430	Culv End Sect 36 inch, Grate	4012026	2.000	Ea
0435	_ Culv Cleanout	4017001	1,500.000	Ft
0440	Sewer, CI A, 6 inch, Tr Det A	4020001	64.000	Ft
0445	Sewer, CI A, 8 inch, Tr Det A	4020002	48.000	Ft
0450	Sewer, CI A, 12 inch, Tr Det A	4020004	509.000	Ft
0455	Sewer, CI A, 24 inch, Tr Det A	4020007	427.000	Ft
0460	Sewer, CI A, 12 inch, Tr Det B	4020033	5,381.000	Ft
0465	Sewer, CI A, 15 inch, Tr Det B	4020034	213.000	Ft
0470	Sewer, CI A, 18 inch, Tr Det B	4020035	934.000	Ft
0475	Sewer, CI A, 24 inch, Tr Det B	4020036	770.000	Ft
0480	Sewer, CI A, 36 inch, Tr Det B	4020038	44.000	Ft
0485	Sewer, CI E, 12 inch, Tr Det B	4020600	1,674.000	Ft
0490	Sewer, CI E, 15 inch, Tr Det B	4020601	16.000	Ft
0495	Sewer, CI E, 18 inch, Tr Det B	4020602	404.000	Ft
0500	Sewer, CI E, 24 inch, Tr Det B	4020603	346.000	Ft
0505	Sewer, CI E, 36 inch, Tr Det B	4020605	485.000	Ft
0510	Trench Undercut and Backfill	4021260	250.000	Cyd
0515	Video Taping Sewer and Culv Pipe	4021275	20,318.000	Ft
0520	_ Sewer Pipe Coupling Device	4027050	19.000	Ea
0525	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0530	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0535	Dr Structure Cover, Type B	4030010	6.000	Ea
0540	Dr Structure Cover, Type C	4030015	2.000	Ea
0545	Dr Structure Cover, Type D	4030025	7.000	Ea
0550	Dr Structure Cover, Type G	4030040	37.000	Ea
0555	Dr Structure Cover, Type J	4030045	76.000	Ea
0560	Dr Structure, 24 inch dia	4030200	9.000	Ea

0565	Dr Structure, 48 inch dia	4030210	100.000	Ea
0570	Dr Structure, 60 inch dia	4030220	8.000	Ea
0575	Dr Structure, 84 inch dia	4030231	1.000	Ea
0580	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	102.000	Ft
0585	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	6.000	Ft
0590	Dr Structure, Tap, 6 inch	4030306	33.000	Ea
0595	Dr Structure, Tap, 8 inch	4030308	6.000	Ea
0600	Dr Structure, Tap, 12 inch	4030312	9.000	Ea
0605	Underdrain, Subbase, 6 inch	4040063	7,448.000	Ft
0610	Underdrain, Subgrade, 6 inch	4040073	2,259.000	Ft
0615	Underdrain Outlet, 6 inch	4040093	147.000	Ft
0620	Underdrain, Outlet Ending, 6 inch	4040113	11.000	Ea
0625	Video Inspection of Underdrain	4040200	9,577.000	Ft
0630	Pavt, Cleaning	5010001	1.000	LSUM
0635	Cold Milling HMA Surface	5010002	305,981.000	Syd
0640	Bump Grinding	5010004	750.000	Syd
0645	HMA Surface, Rem	5010005	53,538.000	Syd
0650	HMA Quality Initiative	5010007	231,326.000	Dlr
0655	Edge Trimming	5010009	125,013.000	Ft
0660	Longit Joint Density Quality Initiative	5010018	648,458.000	Dlr
0665	Pavt Joint and Crack Repr, Det 7	5010020	44,000.000	Ft
0670	Pavt Joint and Crack Repr, Det 8	5010021	11,100.000	Ft
0675	Hand Patching	5010025	7,441.000	Ton
0680	HMA Approach	5010061	15,153.000	Ton
0685	HMA, 3EMH	5012014	27,784.000	Ton
0690	HMA, 4EMH	5012026	34,691.000	Ton
0695	HMA, 5EMH	5012038	28,504.000	Ton
0700	HMA, 4EMH, High Stress	5012074	1,194.000	Ton
0705	HMA, 5EMH, High Stress	5012086	896.000	Ton
0710	HMA, Temp Pavt (4EML)	5012103	144.000	Ton
0715	_ Pavt, Temp	5017011	8,151.000	Syd
0720	_ Pavt, Temp, Rem	5017011	8,151.000	Syd
0725	_ Ride Incentive	5017060	94,552.000	Dlr
0730	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	674.000	Syd
0735	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	7,078.000	Syd
0740	Joint, Contraction, Cp	6020200	3,261.000	Ft
0745	Joint, Contraction, C3p	6020201	172.000	Ft
0750	Joint, Contraction, Cp, Intersection	6020250	2,074.000	Ft
0755	Joint, Expansion, E2, Intersection	6020270	224.000	Ft
0760	Joint, Plane-of-Weakness, W, Intersection	6020310	637.000	Ft
0765	_ Conc Pavt, Decorative, Nonreinf, 10 inch	6027011	22.000	Syd
0770	_ Conc Pavt, Decorative, Nonreinf, 10 inch, Stamped	6027011	1,786.000	Syd
0775	Cement	6030005	31.000	Ton

0780	Joint, Expansion, Erg	6030021	35.000	Ft
0785	Non-Chloride Accelerator	6030035	1,021.000	Gal
0790	Pavt Repr, Rem	6030080	2,763.000	Syd
0795	Steel Sheet Piling, Temp	7040002	4,500.000	Sft
0800	Steel Sheet Piling, Temp, Left in Place	7040003	4,500.000	Sft
0805	_ Cable Modem, Integrate	8007050	1.000	Ea
0810	_ Field Security Appliance	8007050	1.000	Ea
0815	_ ITS Cabinet, Ground Mtd	8007050	1.000	Ea
0820	_ Pavt Sensor, Invasive Condition	8007050	1.000	Ea
0825	_ Power Distribution Unit	8007050	1.000	Ea
0830	_ Remote Processing Unit	8007050	1.000	Ea
0835	_ Restricted Excavation Marker, Relocate	8007050	2.000	Ea
0840	_ Subsurface Temperature Probe	8007050	1.000	Ea
0845	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0850	_ Cable Internet Company (Estimated Cost to Contractor)	8007060	11,000.000	Dlr
0855	Driveway, Nonreinf Conc, 6 inch	8010005	345.000	Syd
0860	Driveway, Nonreinf Conc, 8 inch	8010007	2,126.000	Syd
0865	Curb, Conc, Det E1	8020001	227.000	Ft
0870	Curb, Conc, Det E2	8020002	448.000	Ft
0875	Curb and Gutter, Conc, Det B1	8020015	3,028.000	Ft
0880	Curb and Gutter, Conc, Det B2	8020016	12,500.000	Ft
0885	Curb and Gutter, Conc, Det B3	8020017	3,469.000	Ft
0890	Curb and Gutter, Conc, Det D2	8020031	1,832.000	Ft
0895	Curb and Gutter, Conc, Det D3	8020032	182.000	Ft
0900	Driveway Opening, Conc, Det M	8020050	3,290.000	Ft
0905	Shld Gutter, Conc, Det 1	8020055	6.000	Ea
0910	Shld Gutter, Conc, Det 2	8020056	11.000	Ea
0915	Spillway, Conc	8020075	52.000	Ft
0920	Divider, Conc, Type I	8022000	2,212.000	Sft
0925	_ Curb and Gutter, Conc, Det B3, Modified	8027001	208.000	Ft
0930	_ Curb and Gutter, Conc, Det D3, Modified	8027001	445.000	Ft
0935	Sidewalk, Conc, 4 inch	8030044	732.000	Sft
0940	Curb Slp, HMA	8050010	4,931.000	Ft
0945	Guardrail Approach Terminal, Type 2M	8070044	43.000	Ea
0950	Guardrail Departing Terminal, Type B	8070050	10.000	Ea
0955	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0960	Guardrail Reflector	8070080	597.000	Ea
0965	Post, Mailbox	8070095	164.000	Ea
0970	Guardrail, Reconst, Type B	8070105	567.000	Ft
0975	Guardrail, Long Span, Det MGS-1	8072121	84.000	Ea
0980	Guardrail, Long Span, Det MGS-2	8072122	1.000	Ea
0985	Guardrail, Curved, Type B-CRT	8072154	213.000	Ft
0990	Guardrail, Type MGS-8, 72 inch Post	8072179	4,742.000	Ft

0995	Guardrail, Type MGS-8, 108 inch Post	8072180	7,529.000	Ft
1000	_ Hand Digging Guardrail Post	8077050	25.000	Ea
1005	Fence, Woven Wire with Wood Post	8080001	1,055.000	Ft
1010	Fence, Woven Wire with Steel Post	8080002	550.000	Ft
1015	Fence, Temp	8080004	500.000	Ft
1020	Fence Gate, 16 foot, for Woven Wire	8080006	1.000	Ea
1025	Fence, Protective	8080007	3,688.000	Ft
1030	_ Gate, Rem, Salv, and Install	8087050	1.000	Ea
1035	Cantilever, Rem	8100090	1.000	Ea
1040	Cantilever, Type E	8100104	1.000	Ea
1045	Delineator Reflector, Green	8100133	94.000	Ea
1050	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	72.000	Ea
1055	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	26.000	Ft
1060	Fdn, Cantilever, Rem	8100190	1.000	Ea
1065	Fdn, Wood Support, Rem	8100280	93.000	Ea
1070	Perforated Steel Square Tube Breakaway System	8100330	18.000	Ea
1075	Delineator, Rem	8100349	150.000	Ea
1080	Post, Flexible, Delineator	8100360	68.000	Ea
1085	Post, Rigid, Delineator	8100361	62.000	Ea
1090	Post, Steel, 3 pound	8100371	6,089.000	Ft
1095	Post, Wood, 4 inch by 6 inch	8100380	644.000	Ft
1100	Post, Wood, 6 inch by 8 inch	8100382	244.000	Ft
1105	Sign, Type I, Rem	8100391	2.000	Ea
1110	Sign, Type IA	8100392	228.000	Sft
1115	Sign, Type II, Rem	8100397	92.000	Ea
1120	Sign, Type IIA	8100398	408.000	Sft
1125	Sign, Type IIB	8100399	85.000	Sft
1130	Sign, Type III, Erect, Salv	8100402	82.000	Ea
1135	Sign, Type III, Rem	8100403	334.000	Ea
1140	Sign, Type IIIA	8100404	319.000	Sft
1145	Sign, Type IIIB	8100405	1,375.000	Sft
1150	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1155	Sign, Type VB	8100425	353.000	Sft
1160	Reflective Panel for Permanent Sign Support, 6 foot	8100616	82.000	Ea
1165	Sign, Type III, Rem, Salv	8102003	76.000	Ea
1170	Ground Mtd Sign Support, Rem	8102010	516.000	Ea
1175	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	363.000	Ft
1180	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
1185	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	5.000	Ea
1190	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
1195	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
1200	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea

1205	Pavt Mrkg, Polyurea, 4 inch, White	8110091	355.000	Ft
1210	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,350.000	Ft
1215	Pavt Mrkg, Polyurea, 6 inch, White	8110094	144,338.000	Ft
1220	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	89,074.000	Ft
1225	Pavt Mrkg, Polyurea, Yield	8110103	4.000	Ea
1230	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
1235	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	75.000	Ft
1240	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	150.000	Ft
1245	Pavt Mrkg, Polyurea, 12 inch, White	8110111	250.000	Ft
1250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	68.000	Ft
1255	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	4,300.000	Ft
1260	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	6,900.000	Ft
1265	Rem Curing Compound, for Spec Mrkg	8110321	672.000	Sft
1270	Rem Spec Mrkg	8110343	252.000	Sft
1275	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
1280	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	50.000	Ft
1285	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
1290	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
1295	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
1300	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	1.000	Ea
1305	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	4.000	Ea
1310	Recessing Pavt Mrkg, Longit	8110450	228,827.000	Ft
1315	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	75.000	Ea
1320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	75.000	Ea
1325	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	4,317.000	Ea
1330	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	4,317.000	Ea
1335	Conc Barrier Ending, Temp, Det 2, Adj	8120040	60.000	Ea
1340	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
1345	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
1350	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	61.000	Ea
1355	Conc Barrier Ending, Temp, Det 4, Adj	8120050	6.000	Ea
1360	Conc Barrier Ending, Temp, Det 4, Furn	8120051	2.000	Ea
1365	Conc Barrier Ending, Temp, Det 4, Oper	8120052	2.000	Ea
1370	Conc Barrier Ending, Temp, Det 4, Relocated	8120053	6.000	Ea
1375	Conc Barrier Reflector Replacement	8120070	17.000	Ea
1380	Conc Barrier, Temp, Adj	8120080	18,500.000	Ft
1385	Conc Barrier, Temp, Furn	8120081	1,300.000	Ft
1390	Conc Barrier, Temp, Oper	8120082	1,300.000	Ft
1395	Conc Barrier, Temp, Relocated	8120083	9,300.000	Ft
1400	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1405	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1410	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
1415	Lighted Arrow, Type C, Oper	8120141	7.000	Ea

1420	Minor Traf Devices	8120170	1.000	LSUM
1425	Mobile Attenuator	8120180	1.000	Ea
1430	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	49,738.000	Ft
1435	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	24.000	Ft
1440	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	170,593.000	Ft
1445	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	19,372.000	Ft
1450	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
1455	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
1460	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
1465	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	12,297.000	Ft
1470	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	840.000	Ft
1475	PTS System, Temp, Furn	8120270	2.000	Ea
1480	PTS System, Temp, Oper	8120271	2.000	Ea
1485	Sign Cover	8120310	215.000	Ea
1490	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
1495	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
1500	Sign, Type A, Temp, Prismatic, Furn	8120340	251.000	Sft
1505	Sign, Type A, Temp, Prismatic, Oper	8120341	251.000	Sft
1510	Sign, Type B, Temp, Prismatic, Furn	8120350	7,114.000	Sft
1515	Sign, Type B, Temp, Prismatic, Oper	8120351	7,114.000	Sft
1520	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,456.000	Sft
1525	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,456.000	Sft
1530	Traf Regulator Control	8120370	1.000	LSUM
1535	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	22,375.000	Ft
1540	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	170,648.000	Ft
1545	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	12,486.000	Ft
1550	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, Yellow	8122181	674.000	Ft
1555	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	18.000	Ft
1560	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
1565	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
1570	Reflective Panel for Temp Sign Support, Furn	8122198	8.000	Ea
1575	Reflective Panel for Temp Sign Support, Oper	8122199	8.000	Ea
1580	Riprap, Plain	8130010	3,679.000	Syd
1585	Ditch, Plain Cobble	8140005	630.000	Syd
1590	_ HMA Spillway	8147011	169.000	Syd
1595	Site Preparation, Max \$1,700.00	8150001	1.000	LSUM
1600	Watering and Cultivating, First Season, Min \$900.00	8150002	1.000	LSUM
1605	Watering and Cultivating, 2nd Season, Min \$1,100.00	8150003	1.000	LSUM

1610	Acer rubrum 'Red Sunset', 2 inch	8150145	6.000	Ea
1615	Quercus imbricaria, 2 inch	8153072	6.000	Ea
1620	_ Bioretention Soil	8157021	367.000	Cyd
1625	Mulch Blanket	8160027	147,008.000	Syd
1630	Mulch Blanket, High Velocity	8160028	15,119.000	Syd
1635	_ Bioretention Seeding	8167011	3,339.000	Syd
1640	_ Mulch Blanket, Modified	8167011	82,587.000	Syd
1645	_ Slope Restoration, Bonded Fiber Matrix	8167011	306,100.000	Syd
1650	Conduit, Rem	8182000	1,175.000	Ft
1655	Conduit, DB, 1, 1 1/2 inch	8182048	55.000	Ft
1660	Conduit, DB, 1, 3 inch	8182050	90.000	Ft
1665	Conduit, DB, 2, 3 inch	8182053	10.000	Ft
1670	Conduit, DB, 3, 3 inch	8182056	30.000	Ft
1675	Conduit, DB, 4, 3 inch	8182059	30.000	Ft
1680	DB Cable, in Conduit, 600V, 1/C#6	8182187	90.000	Ft
1685	Cable, Rem	8182196	1,300.000	Ft
1690	Cable Pole, TS, Disman	8182210	4.000	Ea
1695	Cable, Sec, 600V, 1, 3/C#6	8182238	60.000	Ft
1700	Cable, Equipment Grounding Wire, 1/C#6	8182291	30.000	Ft
1705	Hh, Polymer Conc	8182309	2.000	Ea
1710	Hh, Round	8182310	5.000	Ea
1715	Hh, Round, 3 foot dia	8182319	1.000	Ea
1720	Hh, Rem	8182330	1.000	Ea
1725	Wood Pole, Rem	8182363	3.000	Ea
1730	Serv Disconnect	8182366	3.000	Ea
1735	Serv Disconnect, Rem	8182367	3.000	Ea
1740	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
1745	_ Conduit, DB, 1, 1 inch	8187001	20.000	Ft
1750	_ Hh, Round, Elec	8187050	2.000	Ea
1755	_ Hh, Type D	8187050	1.000	Ea
1760	Case Sign, Rem	8200020	2.000	Ea
1765	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
1770	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
1775	Controller and Cabinet, Rem	8200030	6.000	Ea
1780	Controller Fdn, Base Mtd	8200045	1.000	Ea
1785	Fish Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
1790	Fish Beacon, Solar Power	8200071	4.000	Ea
1795	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1800	Power Co. (Est. Cost to Contractor)	8200116	12,000.000	Dir
1805	Span Wire	8200140	5.000	Ea
1810	Span Wire, Rem	8200141	3.000	Ea
1815	Span Wire Tether	8200142	4.000	Ea
1820	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
1825	Cabinet, NEMA Type	8200186	1.000	Ea
1830	Warning Sign	8200260	5.000	Ea



1835	Warning Sign, Rem	8200261	4.000	Ea
1840	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	2.000	Ea
1845	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1850	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
1855	Strain Pole, Steel, 6 bolt, 30 foot	8200460	5.000	Ea
1860	Strain Pole Fdn, 6 Bolt	8200470	67.000	Ft
1865	Casing	8200480	50.000	Ft
1870	Cellular Modem, TS, 4th G	8200498	1.000	Ea
1875	Backplate, TS	8200501	8.000	Ea
1880	Multi-Sensor Vehicle Detection System	8200532	1.000	Ea
1885	Multi-Sensor Vehicle Detection Sensor	8200535	4.000	Ea
1890	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
1895	Monument Box	8210001	14.000	Ea
1900	Monument Preservation	8210010	37.000	Ea
1905	Protect Corners	8210020	218.000	Ea
1910	Centerline Corrugations, Milled, HMA	8220013	58,423.000	Ft
1915	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	116,643.000	Ft
1920	Sanitary Structure Cover, Adj, Case 1	8252145	4.000	Ea
1925	Sanitary Structure Cover, Adj, Case 2	8252146	8.000	Ea
1930	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1935	Lightning Protection, Pole	8260021	2.000	Ea
1940	Microwave Vehicle Detection System	8260040	1.000	Ea
1945	Managed Field Ethernet Switch, Layer 2	8260080	1.000	Ea
1950	Power Serv, Underground, 30AMP, 120/240V	8260100	1.000	Ea
1955	Uninterruptible Power Supply, ITS Cabinet	8260140	1.000	Ea
1960	Flowable Fill, Spun Pole Fdn	8260149	2.000	Cyd
1965	Spun Conc Pole, Type A	8260152	1.000	Ea
1970	Drilled Shaft and Conc Skirt, Cased	8260155	1.000	Ea
1975	Surveillance System, Remote Site, Type A	8260157	1.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 008

**Letting Date:** December 2, 2022

**Contract ID:** 31012-212199

**Description:** Bridge rehabilitation including replacement of elevator and install false decking under span 11 on US-41/M-26 over Portage Lake in the cities of Houghton and Hancock, Houghton County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212199A	23A0028	N/A	NH 31012

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0010	Dispute Review Board, Progress Meeting	1040050	28,000.000	Dlr
0015	_ Reimbursed Permit Fees	1077060	2,250.000	Dlr
0020	Mobilization, Max \$291,800.00	1100001	1.000	LSUM
0025	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0035	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0040	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0045	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0055	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	3.000	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	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0085	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0090	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	40.000	Ft
0095	Sign Cover	8120310	10.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	975.000	Sft
0105	Sign, Type B, Temp, Prismatic, Oper	8120351	975.000	Sft
0110	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0115	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0125	Pedestrian Ramp, Temp	8122251	2.000	Ea

**Section: 2**

0130	_ Wood False Decking, Left in Place	7067010	6,750.000	Sft
0135	Structural Steel, Mixed, Erect	7070050	9,700.000	Lb
0140	Structural Steel, Mixed, Furn and Fab	7070051	9,700.000	Lb
0145	Structures, Rehabilitation, Rem Portions (B01 of 31012)	7120070	1.000	LSUM
0150	Beam Plate, Seal Perimeter	7130010	1,500.000	Ft
0155	Field Repr of Damaged Coating (B01 of 31012)	7160001	1.000	LSUM
0160	_ Vertical Lift Bridge Elevator	8007050	2.000	Ea
0165	_ Existing Vertical Lift Bridge Elevator Demolition (B01 of 31012)	8007051	1.000	LSUM
0170	_ Vertical Lift Bridge Power Distribution (B01 of 31012)	8007051	1.000	LSUM

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 009

**Letting Date:** December 2, 2022

**Contract ID:** 53034-211174

**Description:** 1.92 mi of hot mix asphalt cold milling and resurfacing, culvert replacement and pavement markings on US-31 from north of Meisenheimer Road to Chauvez Road, Mason County. This project includes a 5 year materials and workmanship warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211174A	N/A	N/A	M 53034

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$263,900.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.100	Acre
0015	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0020	Excavation, Earth	2050016	158.000	Cyd
0025	_ Embankment, CIP, Spec	2057021	5.000	Cyd
0030	Erosion Control, Sand Bag	2080028	200.000	Ea
0035	Erosion Control, Silt Fence	2080036	192.000	Ft
0040	Subbase, CIP	3010002	646.000	Cyd
0045	Aggregate Base, 6 inch	3020016	1,085.000	Syd
0050	_ Shld, CI II, Modified	3077031	912.000	Ton
0055	Culv End Sect, 24 inch	4010024	6.000	Ea
0060	Culv End Sect, Footing	4010072	3.000	Ea
0065	Culv, CI A, Conc, 24 inch	4010168	494.000	Ft
0070	Dr Marker Post	4011109	8.000	Ea
0075	Culv, Outlet Headwall, 24 inch	4012004	3.000	Ea
0080	Trench Undercut and Backfill	4021260	15.000	Cyd
0085	Cold Milling HMA Surface	5010002	90,702.000	Syd
0090	Bump Grinding	5010004	200.000	Syd
0095	HMA Surface, Rem	5010005	852.000	Syd
0100	HMA Quality Initiative	5010007	35,956.000	Dlr
0105	Longit Joint Density Quality Initiative	5010018	81,185.000	Dlr
0110	HMA Approach	5010061	653.000	Ton
0115	HMA, 4EL	5012024	2,606.000	Ton
0120	HMA, 4EML	5012025	7,294.000	Ton
0125	HMA, 5EL	5012036	1,955.000	Ton
0130	HMA, 5EML	5012037	5,470.000	Ton
0135	_ Ride Incentive	5017060	45,175.000	Dlr

0140	Delineator Reflector, Yellow	8100132	10.000	Ea
0145	Delineator Reflector, White	8100134	50.000	Ea
0150	Delineator, Rem	8100349	60.000	Ea
0155	Post, Rigid, Delineator	8100361	60.000	Ea
0160	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	3,000.000	Ft
0165	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0170	Recessing Pavt Mrkg, Longit	8110450	40,695.000	Ft
0175	Pavt Mrkg, Modified Epoxy, 6 inch, White	8112238	20,398.000	Ft
0180	Pavt Mrkg, Modified Epoxy, 6 inch, Yellow	8112242	20,297.000	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	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	380.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	380.000	Ea
0205	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg Cover, Type R, Black	8120200	1,800.000	Ft
0225	Sign Cover	8120310	4.000	Ea
0230	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0235	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,565.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	1,565.000	Sft
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	300.000	Ft
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,300.000	Ft
0260	Speed Radar Trailer, Temp	8122028	1.000	Ea
0265	Temp Rumble Strips (Orange), Stop Condition	8122186	3,000.000	Ft
0270	Riprap, Plain	8130010	16.000	Syd
0275	Slope Restoration, Freeway, Type B	8162014	989.000	Syd
0280	_ Sinusoidal Corrugations, Freeway, Milled, HMA Shld	8227001	40,593.000	Ft
0285	Contractor Staking	8240001	1.000	LSUM
0290	Staking Plan Errors and Extras, Max \$180/hour	8240002	29.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 010

**Letting Date:** December 2, 2022

**Contract ID:** 16033-208357

**Description:** 3.32 mi of hot mix asphalt reconstruction, concrete box culvert replacement, drainage, sanitary sewer, signing and pavement markings on US-23 from Huron Avenue to Mill Creek Discovery Park entrance, in the village of Mackinaw City, Cheboygan County. This project includes a 5 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208357A	23A0034	N/A	NH 16033

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$1,224,200.00	1100001	1.000	LSUM
0010	Clearing	2010001	8.600	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	27.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	69.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	46.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0035	Dr Structure, Rem	2030011	4.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	173.000	Ft
0045	Curb and Gutter, Rem	2040020	2,007.000	Ft
0050	Pavt, Rem	2040050	45,987.000	Syd
0055	Sidewalk, Rem	2040055	74.000	Syd
0060	Exploratory Investigation, Vertical	2040080	50.000	Ft
0065	_ Rem of Misc Appurtenances	2047051	1.000	LSUM
0070	Backfill, Swamp	2050001	250.000	Cyd
0075	Embankment, CIP	2050010	4,654.000	Cyd
0080	Excavation, Earth	2050016	99,080.000	Cyd
0085	Excavation, Peat	2050017	250.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	5,000.000	Cyd
0095	Flowable Fill, Non-Structural	2050148	14.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	1,305.000	Ft
0105	Erosion Control, Filter Bag	2080014	2.000	Ea
0110	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0115	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	41.000	Ea
0125	Erosion Control, Inlet Protection, Sediment Trap	2080024	13.000	Ea
0130	Erosion Control, Maintenance, Sediment Rem	2080026	93.000	Cyd
0135	Erosion Control, Sediment Basin	2080032	60.000	Cyd

0140	Erosion Control, Sediment Trap	2080034	68.000	Ea
0145	Erosion Control, Silt Fence	2080036	6,826.000	Ft
0150	Erosion Control, Turbidity Curtain, Deep	2080042	60.000	Ft
0155	Subbase, CIP	3010002	58,268.000	Cyd
0160	Aggregate Base, 6 inch	3020016	99,831.000	Syd
0165	Driveway Maintenance, Commercial	3062000	39.000	Ea
0170	Driveway Maintenance, Residential	3062001	59.000	Ea
0175	Approach, CI I, 6 inch	3070008	10,709.000	Syd
0180	Approach, CI II	3070021	815.000	Ton
0185	Shld, CI II	3070121	2,673.000	Ton
0190	Shld, CI II, Temp	3070170	281.000	Ton
0195	Geotextile, Separator	3080005	80.000	Syd
0200	Road Grade Biaxial Geogrid	3082002	89.000	Syd
0205	Culv End Sect, 12 inch	4010012	11.000	Ea
0210	Culv End Sect, 15 inch	4010015	16.000	Ea
0215	Culv End Sect, 18 inch	4010018	5.000	Ea
0220	Culv End Sect, 30 inch	4010030	2.000	Ea
0225	Culv End Sect, Footing	4010072	37.000	Ea
0230	Culv, CI A, 30 inch	4010135	80.000	Ft
0235	Culv, CI A, CSP, 48 inch	4010206	192.000	Ft
0240	Culv, CI E, 36 inch	4010544	79.000	Ft
0245	Culv, CI F, 12 inch	4010607	50.000	Ft
0250	Culv, CI F, 15 inch	4010608	429.000	Ft
0255	Culv, CI F, 18 inch	4010609	533.000	Ft
0260	Culv, CI F, 24 inch	4010610	390.000	Ft
0265	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0270	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0275	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	18.000	Ea
0280	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	18.000	Ea
0285	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	2.000	Ea
0290	Dr Marker Post	4011109	185.000	Ea
0295	Steel Casing Pipe, 16 inch, Jacked in Place	4011122	134.000	Ft
0300	Sewer, CI A, 12 inch, Tr Det A	4020004	59.000	Ft
0305	Sewer, CI A, 18 inch, Tr Det A	4020006	611.000	Ft
0310	Sewer, CI A, 24 inch, Tr Det A	4020007	50.000	Ft
0315	Sewer, CI A, 12 inch, Tr Det B	4020033	185.000	Ft
0320	Sewer, CI A, 18 inch, Tr Det B	4020035	806.000	Ft
0325	Sewer, CI A, 24 inch, Tr Det B	4020036	90.000	Ft
0330	Sewer, CI A, 30 inch, Tr Det B	4020037	1,372.000	Ft
0335	Sewer, CI E, 12 inch, Tr Det B	4020600	240.000	Ft
0340	Sewer, CI E, 18 inch, Tr Det B	4020602	682.000	Ft
0345	Sewer, CI E, 24 inch, Tr Det B	4020603	50.000	Ft
0350	Sewer, CI E, 30 inch, Tr Det B	4020604	291.000	Ft
0355	Sewer Tap, 12 inch	4021204	1.000	Ea

0360	Video Taping Sewer and Culv Pipe	4021275	4,782.000	Ft
0365	_ Sewer, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch, Tr Det B	4027001	105.000	Ft
0370	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0375	Dr Structure Cover, Type B	4030010	12.000	Ea
0380	Dr Structure Cover, Type G	4030040	8.000	Ea
0385	Dr Structure Cover, Type J	4030045	14.000	Ea
0390	Dr Structure, 24 inch dia	4030200	7.000	Ea
0395	Dr Structure, 48 inch dia	4030210	18.000	Ea
0400	Dr Structure, 60 inch dia	4030220	7.000	Ea
0405	Dr Structure, 72 inch dia	4030230	1.000	Ea
0410	Dr Structure, 96 inch dia	4030234	1.000	Ea
0415	Underdrain, Subbase, 6 inch	4040063	25,673.000	Ft
0420	Underdrain, Subgrade, 6 inch	4040073	4,500.000	Ft
0425	Underdrain Outlet, 6 inch	4040093	3,139.000	Ft
0430	Underdrain, Outlet Ending, 6 inch	4040113	93.000	Ea
0435	Video Inspection of Underdrain	4040200	30,173.000	Ft
0440	HMA Surface, Rem	5010005	85,228.000	Syd
0445	HMA Quality Initiative	5010007	73,036.000	Dlr
0450	Longit Joint Density Quality Initiative	5010018	178,584.000	Dlr
0455	Hand Patching	5010025	150.000	Ton
0460	HMA Approach	5010061	2,293.000	Ton
0465	HMA, 3EML	5012013	14,600.000	Ton
0470	HMA, 4EML	5012025	12,171.000	Ton
0475	HMA, 5EML	5012037	7,304.000	Ton
0480	HMA, Temp Pavt (4EML)	5012103	900.000	Ton
0485	_ Ride Incentive	5017060	27,036.000	Dlr
0490	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	170.000	Syd
0495	Driveway, Nonreinf Conc, 6 inch	8010005	231.000	Syd
0500	Curb and Gutter, Conc, Det B2	8020016	4,758.000	Ft
0505	Driveway Opening, Conc, Det M	8020050	2,157.000	Ft
0510	Shld Gutter, Conc, Det 1	8020055	11.000	Ea
0515	Shld Gutter, Conc, Det 2	8020056	4.000	Ea
0520	Spillway, Conc	8020075	114.000	Ft
0525	Curb Ramp Opening, Conc	8030030	68.000	Ft
0530	Sidewalk, Conc, 4 inch	8030044	120.000	Sft
0535	_ Brick Pavers, Rem and Salv	8037010	2,080.000	Sft
0540	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	3,488.000	Sft
0545	Post, Mailbox	8070095	20.000	Ea
0550	Fence, Protective	8080007	577.000	Ft
0555	Field Office, CI 2	8090002	9.000	Mo
0560	Field Office, Utility Fees	8090010	2,700.000	Dlr
0565	Delineator Reflector, Green	8100133	25.000	Ea
0570	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	52.000	Ea



0575	Fdn, Wood Support, Rem	8100280	43.000	Ea
0580	Installing MDOT Supplied Sign, Type III	8100302	19.000	Ea
0585	Delineator, Rem	8100349	25.000	Ea
0590	Post, Flexible, Delineator	8100360	26.000	Ea
0595	Post, Rigid, Delineator	8100361	25.000	Ea
0600	Post, Steel, 3 pound	8100371	1,382.000	Ft
0605	Post, Wood, 4 inch by 6 inch	8100380	192.000	Ft
0610	Post, Wood, 6 inch by 8 inch	8100382	356.000	Ft
0615	Sign, Type I, Rem	8100391	1.000	Ea
0620	Sign, Type IB	8100393	42.000	Sft
0625	Sign, Type II, Rem	8100397	23.000	Ea
0630	Sign, Type IIA	8100398	287.000	Sft
0635	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0640	Sign, Type III, Rem	8100403	69.000	Ea
0645	Sign, Type IIIA	8100404	78.000	Sft
0650	Sign, Type IIIB	8100405	307.000	Sft
0655	Sign, Type VA	8100424	12.000	Sft
0660	Sign, Type VB	8100425	24.000	Sft
0665	Reflective Panel for Permanent Sign Support, 6 foot	8100616	39.000	Ea
0670	Sign, Type III, Rem, Salv	8102003	3.000	Ea
0675	Ground Mtd Sign Support, Rem	8102010	94.000	Ea
0680	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0685	Recessing Pavt Mrkg, Longit	8110450	52,009.000	Ft
0690	Recessing Pavt Mrkg, Transv	8110451	19.000	Sft
0695	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	34,661.000	Ft
0700	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	17,348.000	Ft
0705	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0710	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0715	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0720	Pedestrian Type II Channelizer, Temp	8120027	150.000	Ft
0725	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0730	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0735	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0740	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0745	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	1.000	Ea
0750	Conc Barrier Ending, Temp, Det 5, Furn	8120061	1.000	Ea
0755	Conc Barrier Ending, Temp, Det 5, Oper	8120062	1.000	Ea
0760	Conc Barrier Ending, Temp, Det 5, Relocated	8120063	1.000	Ea
0765	Conc Barrier, Temp, Adj	8120080	500.000	Ft
0770	Conc Barrier, Temp, Furn	8120081	500.000	Ft
0775	Conc Barrier, Temp, Oper	8120082	500.000	Ft
0780	Delineator, Flexible, Temp, Furn	8120091	60.000	Ea
0785	Delineator, Flexible, Temp, Oper	8120092	60.000	Ea

0790	Dust Palliative, Applied	8120100	19.000	Ton
0795	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0800	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0805	Minor Traf Devices	8120170	1.000	LSUM
0810	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	11,500.000	Ft
0815	Plastic Drum, Fluorescent, Furn	8120252	470.000	Ea
0820	Plastic Drum, Fluorescent, Oper	8120253	470.000	Ea
0825	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	240.000	Ft
0830	PTS System, Temp, Furn	8120270	2.000	Ea
0835	PTS System, Temp, Oper	8120271	2.000	Ea
0840	Sign Cover	8120310	30.000	Ea
0845	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0850	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0855	Sign, Type B, Temp, Prismatic, Furn	8120350	1,250.000	Sft
0860	Sign, Type B, Temp, Prismatic, Oper	8120351	1,250.000	Sft
0865	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	209.000	Sft
0870	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	209.000	Sft
0875	Traf Regulator Control	8120370	1.000	LSUM
0880	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	17,500.000	Ft
0885	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	105,500.000	Ft
0890	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	78,000.000	Ft
0895	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0900	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0905	Pedestrian Path, Temp	8122250	400.000	Ft
0910	_ Automated Flagger Assistance Device	8127050	4.000	Ea
0915	_ Driveway Assistance Device, Portable, Temp	8127050	25.000	Ea
0920	Riprap, Plain	8130010	860.000	Syd
0925	Acer rubrum, 1 1/2 inch	8150146	5.000	Ea
0930	Picea glauca 'Densata', 4 foot	8152754	5.000	Ea
0935	_ Turf Establishment, Performance, Spec	8167011	114,215.000	Syd
0940	Monument Box	8210001	2.000	Ea
0945	Monument Preservation	8210010	2.000	Ea
0950	Protect Corners	8210020	12.000	Ea
0955	Centerline Corrugations, Milled, HMA	8220013	10,407.000	Ft
0960	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	19,343.000	Ft
0965	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0970	Hydrant, Relocate, Case 2	8230096	5.000	Ea
0975	Gate Box, Adj, Case 1	8230431	1.000	Ea
0980	Gate Box, Adj, Case 2	8230432	4.000	Ea
0985	_ Insulation Board, 2 inch	8237010	480.000	Sft
0990	Contractor Staking	8240001	1.000	LSUM
0995	Staking Plan Errors and Extras, Max \$180/hour	8240002	196.000	Hr

1000	Sanitary Sewer, DI, 8 inch, Tr Det A2	8252001	40.000	Ft
1005	Sanitary Sewer, PVC, 8 inch, Tr Det B2	8252037	102.000	Ft
1010	Sanitary Structure, 48 inch dia	8252072	3.000	Ea
1015	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	4.000	Ft
1020	Sanitary Structure Cover, Type Q	8252098	3.000	Ea
1025	Sanitary Structure, Rem	8252105	1.000	Ea
1030	Sanitary Structure Cover, Adj, Case 1	8252145	3.000	Ea
1035	Sanitary Structure Cover, Adj, Case 2	8252146	8.000	Ea
1040	_ Sanitary Sewer, PVC, 8 inch	8257001	134.000	Ft

**Section: 2**

1045	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
1050	Structures, Rem (C04 of 16033)	2040060	1.000	LSUM
1055	Flowable Fill, Non-Structural	2050148	16.000	Cyd
1060	Backfill, Structure, CIP	2060002	629.000	Cyd
1065	Backfill, Select	2060004	34.000	Cyd
1070	Excavation, Fdn	2060010	1,527.000	Cyd
1075	Subbase, LM	3010003	27.000	Cyd
1080	Underdrain, Fdn, 4 inch	4040031	179.000	Ft
1085	Underdrain Outlet, 4 inch	4040091	40.000	Ft
1090	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1095	Culv Bedding, Box Culv	4060005	102.000	Cyd
1100	_ Culv, Precast Conc Box, 16 foot by 9 foot	4067001	90.000	Ft
1105	Cofferdams, Left in Place	7040009	1.000	LSUM
1110	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	203.000	Sft
1115	_ Steel Sheet Piling, Temp, Spec	7047010	205.000	Sft
1120	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	101.000	Sft
1125	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	101.000	Sft
1130	Joint Waterproofing	7100001	114.000	Sft
1135	Riprap, Plain	8130011	379.000	Ton
1140	_ Riprap, Inside Culvert, Plain	8137031	180.000	Ton

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 011**Letting Date:** December 2, 2022**Contract ID:** 11057-201984

**Description:** 12.17 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, culverts, drainage, guardrail, fencing, signing and pavement markings on US-31 northbound from US-12 to M-139, Berrien County. This project includes a 5 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201984A	23A0029	N/A	NH 11057

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Conc Quality Initiative	1000030	493.000	Dlr
0010	Mobilization, Max \$2,993,800.00	1100001	1.000	LSUM
0015	Clearing	2010001	17.800	Acre
0020	Clearing, Fence	2010002	536.000	Sta
0025	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	42.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0045	Culv, End, Rem, Less than 24 inch	2030005	19.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0055	Dr Structure, Rem	2030011	6.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	261.000	Ft
0065	Sewer, Rem, 24 inch to 48 inch	2030016	32.000	Ft
0070	Curb and Gutter, Rem	2040020	1,813.000	Ft
0075	Fence, Rem	2040025	69,830.000	Ft
0080	Pavt, Rem	2040050	35,834.000	Syd
0085	Ditch Cleanout	2050006	15.000	Sta
0090	Embankment, CIP	2050010	26,997.000	Cyd
0095	Excavation, Earth	2050016	60,951.000	Cyd
0100	Excavation, Peat	2050017	100.000	Cyd
0105	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0110	_ Subgrade Undercutting, Modified	2057021	250.000	Cyd
0115	Obliterate Old Road	2070001	24.000	Sta
0120	Erosion Control, Check Dam, Stone	2080012	590.000	Ft
0125	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	27.000	Ea
0135	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea

0140	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0145	Erosion Control, Sediment Trap	2080034	32.000	Ea
0150	Erosion Control, Silt Fence	2080036	47,387.000	Ft
0155	_ Permeable Runoff Structure	2087001	100.000	Ft
0160	Subbase, CIP	3010002	51,484.000	Cyd
0165	Aggregate Base, 6 inch	3020016	82,954.000	Syd
0170	Maintenance Gravel	3060020	1,946.000	Ton
0175	Shld, CI II, 4 inch	3070126	5,574.000	Syd
0180	Shld, CI II, 5 inch	3070127	9,664.000	Syd
0185	Shld, CI II, 7 inch	3070129	24,676.000	Syd
0190	Shld, CI II, 6 inch, Temp	3070183	2,285.000	Syd
0195	_ Trenching, Spec	3077002	568.000	Sta
0200	_ Shld, CI II, 9 inch	3077011	7,847.000	Syd
0205	Geotextile, Separator	3080005	250.000	Syd
0210	Culv End Sect, 12 inch	4010012	13.000	Ea
0215	Culv End Sect, 15 inch	4010015	10.000	Ea
0220	Culv End Sect, 24 inch	4010024	8.000	Ea
0225	Culv End Sect, Footing	4010072	21.000	Ea
0230	Culv End Sect, Metal, 30 inch	4010099	1.000	Ea
0235	Culv End Sect, Metal, 42 inch	4010101	1.000	Ea
0240	Culv, CI A, 12 inch	4010131	2,429.000	Ft
0245	Culv, CI A, 15 inch	4010132	16.000	Ft
0250	Culv, CI A, Conc, 12 inch	4010165	8.000	Ft
0255	Culv, CI A, Conc, 15 inch	4010166	107.000	Ft
0260	Culv, CI A, Conc, 24 inch	4010168	8.000	Ft
0265	Culv, CI A, CSP, 15 inch	4010200	16.000	Ft
0270	Culv, Downspout, 12 inch	4010795	258.000	Ft
0275	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	1.000	Ea
0280	Culv, Slp End Sect, 1 on 6, 15 inch, Transv	4010950	2.000	Ea
0285	Dr Marker Post	4011109	271.000	Ea
0290	Culv, Outlet Headwall, 12 inch	4012000	5.000	Ea
0295	_ Culv Cleanout	4017001	2,259.000	Ft
0300	Sewer, CI A, 12 inch, Tr Det A	4020004	10.000	Ft
0305	Sewer, CI A, 30 inch, Tr Det A	4020008	24.000	Ft
0310	_ Sewer Pipe Coupling Device	4027050	2.000	Ea
0315	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0320	Dr Structure Cover, Type B	4030010	1.000	Ea
0325	Dr Structure Cover, Type C	4030015	6.000	Ea
0330	Dr Structure Cover, Type D	4030025	1.000	Ea
0335	Dr Structure, 48 inch dia	4030210	6.000	Ea
0340	Underdrain, Subbase, 4 inch	4040061	24,835.000	Ft
0345	Underdrain Outlet, 4 inch	4040091	2,445.000	Ft
0350	Underdrain, Outlet Ending, 4 inch	4040111	1.000	Ea
0355	_ Underdrain, Rem	4047001	592.000	Ft
0360	_ Underdrain Outlet Cleanout	4047050	148.000	Ea

0365	_ Underdrain Outlet Ending, Modified	4047050	251.000	Ea
0370	Pavt, Cleaning	5010001	1.000	LSUM
0375	Cold Milling HMA Surface	5010002	10,360.000	Syd
0380	Bump Grinding	5010004	1,000.000	Syd
0385	HMA Surface, Rem	5010005	45,865.000	Syd
0390	HMA Quality Initiative	5010007	278,628.000	Dlr
0395	Pavt for Butt Joints, Rem	5010008	2,136.000	Syd
0400	Longit Joint Density Quality Initiative	5010018	253,211.000	Dlr
0405	Pavt Joint and Crack Repr, Det 7	5010020	2,000.000	Ft
0410	Hand Patching	5010025	220.000	Ton
0415	HMA Approach	5010061	3,669.000	Ton
0420	HMA, 3EML	5012013	21,430.000	Ton
0425	HMA, 3EMH	5012014	11,630.000	Ton
0430	HMA, 4EML	5012025	45,140.000	Ton
0435	HMA, 4EMH	5012026	51,750.000	Ton
0440	HMA, 5EML	5012037	1,474.000	Ton
0445	HMA, 5EMH	5012038	4,001.000	Ton
0450	HMA, Temp Pavt (3EML)	5012101	3,351.000	Ton
0455	HMA, Temp Pavt (4EML)	5012103	2,301.000	Ton
0460	_ Asphalt Stabilized Crack Relief Layer	5017031	33,800.000	Ton
0465	_ Ride Incentive	5017060	85,575.000	Dlr
0470	Joint, Expansion, E3	6020208	144.000	Ft
0475	Conc Pavt, Bridge Approach, Reinf	6020600	303.000	Syd
0480	Cold Milling Conc Pavt	6030014	2,579.000	Syd
0485	Curb and Gutter, Conc, Det D2	8020031	1,636.000	Ft
0490	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0495	Spillway, Conc	8020075	203.000	Ft
0500	Curb and Gutter, Bridge Approach, Det 5	8022016	126.000	Ft
0505	Curb and Gutter, Bridge Approach, Det 6	8022017	78.000	Ft
0510	Guardrail, Type MGS-8	8070004	5,115.000	Ft
0515	Guardrail, Curved, Type MGS-8	8070012	913.000	Ft
0520	Guardrail, Type MGS-8, Temp	8070013	1,050.000	Ft
0525	Guardrail Approach Terminal, Type 2M	8070044	14.000	Ea
0530	Guardrail Approach Terminal, Type 2M, Temp	8070049	5.000	Ea
0535	Guardrail Departing Terminal, Type MGS	8070052	15.000	Ea
0540	Guardrail, Salv	8070075	6,754.000	Ft
0545	Guardrail Reflector	8070080	244.000	Ea
0550	Guardrail Anch, Bridge, Det M1	8070130	21.000	Ea
0555	Fence, Woven Wire with Wood Post	8080001	180.000	Ft
0560	Fence, Woven Wire with Steel Post	8080002	67,575.000	Ft
0565	Fence Gate, 12 foot, for Woven Wire	8080005	2.000	Ea
0570	Fence Gate, 16 foot, for Woven Wire	8080006	2.000	Ea
0575	Fence, Protective	8080007	1,637.000	Ft
0580	Fence, Chain Link, 72 inch	8080013	6,708.000	Ft
0585	Fence Gate, 4 foot, for 72 inch Chain Link Fence	8080023	1.000	Ea

0590	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	4.000	Ea
0595	Column, Breakaway, W8 x 13	8100120	6.000	Ea
0600	Delineator Reflector, Red	8100131	100.000	Ea
0605	Delineator Reflector, Green	8100133	33.000	Ea
0610	Delineator Reflector, White	8100134	4,942.000	Ea
0615	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	61.000	Ea
0620	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	15.000	Ea
0625	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	121.000	Ea
0630	Fdn, Breakaway, W8 x 13	8100160	6.000	Ea
0635	Fdn, Column Breakaway, Rem	8100220	10.000	Ea
0640	Fdn, Wood Support, Rem	8100280	74.000	Ea
0645	Perforated Steel Square Tube Breakaway System	8100330	11.000	Ea
0650	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
0655	Delineator, Rem	8100349	5,090.000	Ea
0660	Post, Flexible, Delineator	8100360	161.000	Ea
0665	Post, Rigid, Delineator	8100361	4,950.000	Ea
0670	Post, Steel, 3 pound	8100371	2,203.000	Ft
0675	Post, Wood, 4 inch by 6 inch	8100380	640.000	Ft
0680	Post, Wood, 6 inch by 8 inch	8100382	244.000	Ft
0685	Sign, Type I, Erect, Salv	8100390	9.000	Ea
0690	Sign, Type I, Rem	8100391	4.000	Ea
0695	Sign, Type IA	8100392	84.000	Sft
0700	Sign, Type II, Erect, Salv	8100396	48.000	Ea
0705	Sign, Type II, Rem	8100397	9.000	Ea
0710	Sign, Type IIA	8100398	111.000	Sft
0715	Sign, Type III, Erect, Salv	8100402	104.000	Ea
0720	Sign, Type III, Rem	8100403	20.000	Ea
0725	Sign, Type IIIA	8100404	50.000	Sft
0730	Sign, Type IIIB	8100405	31.000	Sft
0735	Sign, Type VA	8100424	9.000	Sft
0740	Reflective Panel for Permanent Sign Support, 3 foot	8100613	36.000	Ea
0745	Reflective Panel for Permanent Sign Support, 6 foot	8100616	51.000	Ea
0750	Sign, Type I, Rem, Salv	8102001	8.000	Ea
0755	Sign, Type II, Rem, Salv	8102002	48.000	Ea
0760	Sign, Type III, Rem, Salv	8102003	104.000	Ea
0765	Ground Mtd Sign Support, Rem	8102010	234.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	1,550.000	Ft
0775	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	120.000	Ft
0780	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	4.000	Ea
0785	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	9.000	Ea
0795	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	2.000	Ea

0800	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,911.000	Ft
0805	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,640.000	Ft
0810	Pavt Mrkg, Waterborne, 6 inch, White	8110233	197,250.000	Ft
0815	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	157,160.000	Ft
0820	Pavt Mrkg, Waterborne, 12 inch, White	8110237	19,420.000	Ft
0825	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,911.000	Ft
0830	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,640.000	Ft
0835	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	197,250.000	Ft
0840	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	157,160.000	Ft
0845	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	19,420.000	Ft
0850	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	60.000	Ft
0855	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	760.000	Ft
0860	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	178.000	Ft
0865	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	229.000	Ft
0870	Pavt Mrkg, Waterborne, 6 inch, Shadow Liquid, Black	8112091	21,948.000	Ft
0875	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	108.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	108.000	Ea
0885	Conc Barrier Ending, Temp, Det 2, Furn	8120041	8.000	Ea
0890	Conc Barrier Ending, Temp, Det 2, Oper	8120042	8.000	Ea
0895	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	12.000	Ea
0900	Conc Barrier, Temp, Furn	8120081	56,135.000	Ft
0905	Conc Barrier, Temp, Oper	8120082	56,135.000	Ft
0910	Conc Barrier, Temp, Relocated	8120083	15,445.000	Ft
0915	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	25.000	Ea
0920	Glare Screen, Temp	8120094	58,100.000	Ft
0925	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0930	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0935	Minor Traf Devices	8120170	1.000	LSUM
0940	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	140,205.000	Ft
0945	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	861.000	Ft
0950	Plastic Drum, Fluorescent, Furn	8120252	947.000	Ea
0955	Plastic Drum, Fluorescent, Oper	8120253	947.000	Ea
0960	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	126.000	Ea
0965	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	93.000	Ea
0970	Sign Cover	8120310	50.000	Ea
0975	Sign Cover, Type I	8120320	6.000	Ea
0980	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0985	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0990	Sign, Type B, Temp, Prismatic, Furn	8120350	3,490.000	Sft



0995	Sign, Type B, Temp, Prismatic, Oper	8120351	3,490.000	Sft
1000	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	680.000	Sft
1005	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	680.000	Sft
1010	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	5,795.000	Ft
1015	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	5,795.000	Ft
1020	Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8121002	5,921.000	Ft
1025	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	131,642.000	Ft
1030	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	217,640.000	Ft
1035	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	9,519.000	Ft
1040	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	37,127.000	Ft
1045	Speed Radar Trailer, Temp	8122028	2.000	Ea
1050	Delineator, Panels, Temp, Furn	8122032	591.000	Ea
1055	Delineator, Panels, Temp, Oper	8122034	591.000	Ea
1060	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	648.000	Ft
1065	_ Barrier Gate, Temp, Furn	8127050	5.000	Ea
1070	_ Barrier Gate, Temp, Open/Close	8127050	10.000	Ea
1075	_ Barrier Gate, Temp, Oper	8127050	5.000	Ea
1080	Riprap, Plain	8130010	53.000	Syd
1085	Slope Restoration, Freeway, Type A	8162013	84,874.000	Syd
1090	Slope Restoration, Freeway, Type B	8162014	142,228.000	Syd
1095	Slope Restoration, Freeway, Type C	8162015	8,521.000	Syd
1100	Slope Restoration, Freeway, Type D	8162016	566.000	Syd
1105	Protect Corners	8210020	31.000	Ea
1110	Contractor Staking	8240001	1.000	LSUM
1115	Staking Plan Errors and Extras, Max \$180/hour	8240002	294.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 012

**Letting Date:** December 2, 2022

**Contract ID:** 57011-211377

**Description:** 5.51 mi of hot mix asphalt cold milling and resurfacing, overband crack seal, single course chip seal, concrete sidewalk ramps, shoulder widening and pavement markings on M-66 from Decker Street easterly and northerly to M-55 in the city of McBain, Missaukee County. This project includes two 3-year materials and workmanship pavement warranties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211377A	22A1062	N/A	ST 57011
215268A	23A0015	N/A	ST 57011
215306A	N/A	N/A	M 57011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, Great Lake Central Railroad	1027060	1,500.000	Dlr
0010	Mobilization, Max \$249,100.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	313.000	Ft
0020	Pavt, Rem	2040050	18.000	Syd
0025	Sidewalk, Rem	2040055	162.000	Syd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0035	Aggregate Base	3020001	500.000	Ton
0040	Approach, CI II	3070021	760.000	Ton
0045	Shld, CI II	3070121	1,300.000	Ton
0050	_ Trenching, Spec	3077002	451.000	Sta
0055	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0060	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0065	Cold Milling HMA Surface	5010002	34,865.000	Syd
0070	HMA Surface, Rem	5010005	156.000	Syd
0075	HMA Quality Initiative	5010007	24,600.000	Dlr
0080	Pavt for Butt Joints, Rem	5010008	3,970.000	Syd
0085	Longit Joint Density Quality Initiative	5010018	91,238.000	Dlr
0090	Hand Patching	5010025	71.000	Ton
0095	HMA Approach	5010061	500.000	Ton
0100	HMA, 4EML	5012025	5,625.000	Ton
0105	HMA, 5EML	5012037	11,800.000	Ton
0110	Seal, Single Chip	5050001	100,588.000	Syd
0115	Curb, Conc, Det E2	8020002	116.000	Ft
0120	Curb and Gutter, Conc, Det B2	8020016	43.000	Ft

0125	Curb Ramp Opening, Conc	8030030	184.000	Ft
0130	Sidewalk, Conc, 6 inch	8030046	1,597.000	Sft
0135	_ Detectable Warning Surface, Cast Iron, Spec	8037001	159.000	Ft
0140	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	10.000	Ea
0145	Post, Flexible, Delineator	8100360	10.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0155	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0165	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	500.000	Ft
0170	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	288.000	Ft
0175	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	96.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	60,373.000	Ft
0185	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	33,527.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	60,373.000	Ft
0195	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	33,527.000	Ft
0200	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
0205	Recessing Pavt Mrkg, Longit	8110450	93,900.000	Ft
0210	Recessing Pavt Mrkg, Transv	8110451	812.000	Sft
0215	Pedestrian Type II Barricade, Temp	8120026	60.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0225	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Mobile Attenuator	8120180	1.000	Ea
0240	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	260.000	Ft
0245	Plastic Drum, Fluorescent, Furn	8120252	176.000	Ea
0250	Plastic Drum, Fluorescent, Oper	8120253	176.000	Ea
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0260	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,850.000	Ea
0265	Sign Cover	8120310	8.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0275	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	786.000	Sft
0285	Sign, Type B, Temp, Prismatic, Oper	8120351	786.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0295	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	46,000.000	Ft
0300	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0305	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0310	Pedestrian Path, Temp	8122250	300.000	Ft
0315	Pedestrian Ramp, Temp	8122251	12.000	Ea
0320	Fertilizer, Chemical Nutrient, CI A	8160020	8.000	Lb
0325	Mulch Blanket	8160027	212.000	Syd

0330	Seeding, Mixture TDS	8160037	10.000	Lb
0335	Topsoil Surface, Furn, 3 inch	8160061	212.000	Syd
0340	Monument Box	8210001	2.000	Ea
0345	Monument Preservation	8210010	2.000	Ea
0350	Centerline Corrugations, Milled, HMA	8220013	23,823.000	Ft
0355	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	45,112.000	Ft
0360	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0365	Gate Box, Adj, Case 1	8230431	3.000	Ea

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 013

**Letting Date:** December 2, 2022

**Contract ID:** 49025-214354

**Description:** Bridge rehabilitation includes expansion joint replacement, pier cap and bearing replacement and zone painting in the city of Saint Ignace, Mackinac County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214354A	23A0031	N/A	IM 49025

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Critical Path Method Schedule	1080005	15,000.000	Dir
0010	Mobilization, Max \$294,000.00	1100001	1.000	LSUM
0015	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0025	Erosion Control, Sand Bag	2080028	180.000	Ea
0030	Erosion Control, Silt Fence	2080036	300.000	Ft
0035	_ Asphalt Repr Mastic	5027001	250.000	Ft
0040	Joint, Contraction, Cp	6020200	100.000	Ft
0045	Joint, Expansion, E2	6020207	50.000	Ft
0050	Joint, Expansion, E3	6020208	9.000	Ft
0055	Joint, Expansion, E4	6020209	25.000	Ft
0060	Joint, Contraction, Crg	6030020	410.000	Ft
0065	Joint, Expansion, Erg	6030021	78.000	Ft
0070	Lane Tie, Epoxy Anchored	6030030	50.000	Ea
0075	Pavt Repr, Nonreinf Conc, 10 inch	6030048	165.000	Syd
0080	Pavt Repr, Rem	6030080	165.000	Syd
0085	Saw Cut, Intermediate	6030090	76.000	Ft
0090	_ Joint, Tied, 2.5 foot	6037001	285.000	Ft
0095	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch	6037011	82.000	Syd
0100	_ Pavt Repr, 2.5 foot, Rem	6037011	82.000	Syd
0105	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
0110	Recessing Pavt Mrkg, Longit	8110450	18,710.000	Ft
0115	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	9,540.000	Ft
0120	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	1,930.000	Ft
0125	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	8,290.000	Ft
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0135	Barricade, Type III, High Intensity, Double Sided,	8120013	30.000	Ea

	Lighted, Oper			
0140	Conc Barrier Ending, Temp, Det 2, Adj	8120040	12.000	Ea
0145	Conc Barrier Ending, Temp, Det 2, Furn	8120041	3.000	Ea
0150	Conc Barrier Ending, Temp, Det 2, Oper	8120042	3.000	Ea
0155	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	6.000	Ea
0160	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0165	Conc Barrier, Temp, Adj	8120080	5,630.000	Ft
0170	Conc Barrier, Temp, Furn	8120081	1,570.000	Ft
0175	Conc Barrier, Temp, Oper	8120082	1,570.000	Ft
0180	Conc Barrier, Temp, Relocated	8120083	3,370.000	Ft
0185	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0190	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Mobile Attenuator	8120180	2.000	Ea
0215	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	18,580.000	Ft
0220	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,470.000	Ft
0225	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	7,110.000	Ft
0230	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	870.000	Ft
0235	Plastic Drum, Fluorescent, Furn	8120252	560.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	560.000	Ea
0245	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	1.000	Ea
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	1.000	Ea
0255	Sign Cover	8120310	20.000	Ea
0260	Sign Cover, Type I	8120320	2.000	Ea
0265	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0275	Sign, Type A, Temp, Prismatic, Furn	8120340	32.000	Sft
0280	Sign, Type A, Temp, Prismatic, Oper	8120341	32.000	Sft
0285	Sign, Type B, Temp, Prismatic, Furn	8120350	1,430.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	1,430.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	138.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	138.000	Sft
0305	Traf Regulator Control	8120370	1.000	LSUM
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	49,880.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	32,960.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	6,550.000	Ft
0325	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	2,530.000	Ft

0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	5,390.000	Ft
0335	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	1,510.000	Ft
0340	Speed Radar Trailer, Temp	8122028	4.000	Ea
0345	Conc Barrier-Mtd Temp Sign System, Furn	8122192	18.000	Ea
0350	Conc Barrier-Mtd Temp Sign System, Oper	8122193	18.000	Ea
0355	Slope Restoration, Freeway, Type C	8162015	134.000	Syd
0360	Cable Pole, TS and Intcrn, Disman	8182208	2.000	Ea
0365	Cable, Sec, 600V, 1, 3/C#6	8182238	450.000	Ft
0370	Metered Serv	8182338	1.000	Ea
0375	Metered Serv, Rem	8182339	1.000	Ea
0380	Wood Pole, Cl 4, 45 foot	8182352	4.000	Ea
0385	Wood Pole, Rem	8182363	4.000	Ea
0390	Serv Disconnect	8182366	2.000	Ea
0395	Serv Disconnect, Rem	8182367	2.000	Ea
0400	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8182371	2.000	Ea
0405	Controller and Cabinet, Rem	8200030	1.000	Ea
0410	Span Wire	8200140	3.000	Ea
0415	Span Wire, Rem	8200141	3.000	Ea
0420	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
0425	Cabinet, NEMA Type	8200186	1.000	Ea
0430	TS, One Way Span Wire Mtd (LED)	8200313	2.000	Ea
0435	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
0440	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0445	Bracket, Truss, Rem	8200388	1.000	Ea
0450	Hemispherical Video Detection Camera	8200444	1.000	Ea
0455	Hemispherical Video Detection System	8200445	1.000	Ea
0460	Hemispherical Video Detection Camera, Rem	8200446	1.000	Ea
0465	TS Face, Bag	8200458	24.000	Ea
0470	TS Face, Bag, Rem	8200459	24.000	Ea
0475	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0480	Contractor Staking	8240001	1.000	LSUM
0485	Staking Plan Errors and Extras, Max \$180/hour	8240002	32.000	Hr

**Section: 2**

0490	Backfill, Structure, CIP	2060002	103.000	Cyd
0495	Excavation, Fdn	2060010	132.000	Cyd
0500	Expansion Joint Device	7060050	264.000	Ft
0505	False Decking	7060060	2,560.000	Sft
0510	Reinforcement, Steel, Epoxy Coated	7060092	71,300.000	Lb
0515	Substructure Conc	7060100	146.000	Cyd
0520	Sealing Localized Cracks (S01 of 49025)	7060220	1.000	LSUM
0525	Conc, Grade 4500	7062003	57.000	Cyd
0530	Bearing, Elastomeric, 1 3/4 inch	7070015	17,280.000	Sin

0535	Structural Steel, Mixed, Erect	7070050	11,101.000	Lb
0540	Structural Steel, Mixed, Furn and Fab	7070051	11,101.000	Lb
0545	Substructure Horizontal Surface Sealer (S01 of 49025)	7100030	105.000	Syd
0550	Hand Chipping, Other Than Deck	7120007	300.000	Cft
0555	Patch, Forming	7120017	600.000	Sft
0560	Structures, Rehabilitation, Rem Portions (S01 of 49025)	7120070	1.000	LSUM
0565	Deck Joint, Rem	7120071	264.000	Ft
0570	Reinforcement, Mechanical Splice	7120084	46.000	Ea
0575	Patching Conc, C-L	7120112	12.000	Cyd
0580	Embedded Galvanic Anode	7120120	145.000	Ea
0585	_ Bridge Joints, Clean and Seal	7127001	169.000	Ft
0590	Stiffeners, Furn, Fab, and Erect	7130060	6,084.000	Lb
0595	Support, Column, Temp	7130080	96.000	Ea
0600	Steel Structure, Cleaning, Partial, Type 4 (S01 of 49025)	7150047	1.000	LSUM
0605	Steel Structure, Coating, Partial, Type 4 (S01 of 49025)	7150048	1.000	LSUM
0610	Slope Paving Header	8130015	194.000	Ft
0615	Slope Paving, Conc	8130020	260.000	Syd

---





**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 014

**Letting Date:** December 2, 2022

**Contract ID:** 61151-201293

**Description:** Bridge reconstruction including removal and replacement and approach work on US-31BR over the Black Creek in the city of Norton Shores, Muskegon County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201293A	23A0032	N/A	ST 61151

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, Michigan Shore Railroad	1027060	13,500.000	Dlr
0010	_ Reimbursed Permit Fees	1077060	1,000.000	Dlr
0015	Mobilization, Max \$804,800.00	1100001	1.000	LSUM
0020	Dr Structure, Rem	2030011	8.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	580.000	Ft
0030	Conc Barrier, Rem	2040010	1,329.000	Ft
0035	Curb and Gutter, Rem	2040020	80.000	Ft
0040	Fence, Rem	2040025	544.000	Ft
0045	Guardrail, Rem	2040035	999.000	Ft
0050	Gutter, Rem	2040040	2,378.000	Ft
0055	Pavt, Rem	2040050	6,699.000	Syd
0060	Excavation, Earth	2050016	19,505.000	Cyd
0065	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0075	_ Embankment, CIP, Spec	2057021	5,596.000	Cyd
0080	_ Phragmites Plant Material Handling and Disposal, LM	2057021	9.000	Cyd
0085	_ PVC Liner for Expanded Polystyrene Block	2067011	7,156.000	Syd
0090	_ Conc Base Cse, Reinf, Spec	2067021	1,268.000	Cyd
0095	_ Fill, Lightweight, Expanded Polystyrene Block	2067021	3,622.000	Cyd
0100	Erosion Control, Aggregate Cover	2080010	250.000	Syd
0105	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0110	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0115	Erosion Control, Inlet Protection, Fabric Drop	2080020	42.000	Ea
0120	Erosion Control, Maintenance, Sediment Rem	2080026	41.000	Cyd
0125	Erosion Control, Sand Bag	2080028	60.000	Ea
0130	Erosion Control, Sediment Trap	2080034	18.000	Ea

0135	Erosion Control, Silt Fence	2080036	2,450.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0145	Subbase, CIP	3010002	5,616.000	Cyd
0150	Aggregate Base, 6 inch	3020016	13,405.000	Syd
0155	Open-Graded Dr Cse, CIP	3030030	566.000	Cyd
0160	_ Shld, CI II, Modified	3077031	270.000	Ton
0165	Sewer, CI E, 12 inch, Tr Det B	4020600	760.000	Ft
0170	Sewer Tap, 6 inch	4021201	8.000	Ea
0175	Video Taping Sewer and Culv Pipe	4021275	160.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0185	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0190	Dr Structure Cover, Type B	4030010	3.000	Ea
0195	Dr Structure Cover, Type D	4030025	3.000	Ea
0200	Dr Structure Cover, Type DX	4030030	12.000	Ea
0205	Dr Structure Cover, Type G	4030040	4.000	Ea
0210	Dr Structure, 24 inch dia	4030200	5.000	Ea
0215	Dr Structure, 48 inch dia	4030210	4.000	Ea
0220	Dr Structure, Adj, Add Depth	4030280	15.000	Ft
0225	Dr Structure, Cleaning	4030290	3.000	Ea
0230	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0235	Underdrain, Fdn, 6 inch	4040033	4,320.000	Ft
0240	Underdrain Outlet, 6 inch	4040093	160.000	Ft
0245	Video Inspection of Underdrain	4040200	4,320.000	Ft
0250	_ Underdrain Outlet Ending, Modified	4047050	16.000	Ea
0255	Bump Grinding	5010004	224.000	Syd
0260	HMA Surface, Rem	5010005	12,876.000	Syd
0265	HMA Quality Initiative	5010007	8,624.000	Dlr
0270	Longit Joint Density Quality Initiative	5010018	5,940.000	Dlr
0275	Hand Patching	5010025	10.000	Ton
0280	HMA Approach	5010061	80.000	Ton
0285	HMA, 3EML	5012013	1,935.000	Ton
0290	HMA, 4EML	5012025	1,290.000	Ton
0295	HMA, 5EML	5012037	997.000	Ton
0300	HMA, Temp Pavt (4EML)	5012103	450.000	Ton
0305	Joint, Expansion, E3	6020208	184.000	Ft
0310	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	366.000	Syd
0315	Lane Tie, Epoxy Anchored	6030030	175.000	Ea
0320	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	140.000	Ft
0325	Curb and Gutter, Bridge Approach, Det 2	8022011	80.000	Ft
0330	_ Valley Gutter, Conc, Modified	8027001	2,059.000	Ft
0335	Sidewalk, Conc, 4 inch	8030044	2.000	Sft
0340	Conc Barrier, Double Face, Type B	8040006	140.000	Ft
0345	Conc Barrier Backfill, CIP	8040030	5.000	Cyd
0350	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	1,063.000	Ft

0355	_ Conc Barrier, Split, Type A, Spec	8047001	80.000	Ft
0360	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0365	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0370	Guardrail Reflector	8070080	37.000	Ea
0375	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0380	Guardrail, Type MGS-8, 108 inch Post	8072180	1,502.000	Ft
0385	Fence, Woven Wire with Steel Post	8080002	605.000	Ft
0390	Fence, Protective	8080007	100.000	Ft
0395	Delineator Reflector, Green	8100133	8.000	Ea
0400	Fdn, Wood Support, Rem	8100280	8.000	Ea
0405	Post, Rigid, Delineator	8100361	8.000	Ea
0410	Post, Steel, 3 pound	8100371	249.000	Ft
0415	Post, Wood, 4 inch by 6 inch	8100380	75.000	Ft
0420	Sign, Type II, Rem	8100397	7.000	Ea
0425	Sign, Type IIA	8100398	18.000	Sft
0430	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0435	Sign, Type III, Rem	8100403	16.000	Ea
0440	Sign, Type IIIA	8100404	33.000	Sft
0445	Sign, Type IIIB	8100405	51.000	Sft
0450	Sign, Type V, Rem	8100421	9.000	Ea
0455	Sign, Type V, Erect, Salv	8100422	2.000	Ea
0460	Sign, Type VB	8100425	12.000	Sft
0465	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0470	Pavt Mrkg, Polyurea, 6 inch, White	8110094	4,700.000	Ft
0475	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	2,850.000	Ft
0480	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0485	Recessing Pavt Mrkg, Longit	8110450	7,450.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	120.000	Ea
0495	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	120.000	Ea
0500	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0505	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0510	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	1.000	Ea
0515	Conc Barrier Reflector Replacement	8120070	25.000	Ea
0520	Conc Barrier, Temp, Furn	8120081	1,460.000	Ft
0525	Conc Barrier, Temp, Oper	8120082	1,460.000	Ft
0530	Conc Barrier, Temp, Relocated	8120083	1,370.000	Ft
0535	Delineator, Flexible, Temp, Furn	8120091	40.000	Ea
0540	Delineator, Flexible, Temp, Oper	8120092	40.000	Ea
0545	Tubular Marker	8120097	190.000	Ea
0550	Tubular Marker, Replacement	8120098	10.000	Ea
0555	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0560	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0565	Lighted Arrow, Type C, Furn	8120140	3.000	Ea

0570	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0575	Minor Traf Devices	8120170	1.000	LSUM
0580	Mobile Attenuator	8120180	1.000	Ea
0585	Pavt Mrkg Cover, Type R, Black	8120200	16,550.000	Ft
0590	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,500.000	Ft
0595	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	2,890.000	Ft
0600	Plastic Drum, Fluorescent, Furn	8120252	780.000	Ea
0605	Plastic Drum, Fluorescent, Oper	8120253	780.000	Ea
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
0615	Sign Cover	8120310	20.000	Ea
0620	Sign Cover, Type I	8120320	2.000	Ea
0625	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0630	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0635	Sign, Type B, Temp, Prismatic, Furn	8120350	1,590.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	1,590.000	Sft
0645	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	70.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	70.000	Sft
0655	Traf Regulator Control	8120370	1.000	LSUM
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	24,080.000	Ft
0665	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	29,760.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	5,260.000	Ft
0675	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	3,060.000	Ft
0680	Speed Radar Trailer, Temp	8122028	2.000	Ea
0685	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,300.000	Ft
0690	Conc Barrier-Mtd Temp Sign System, Furn	8122192	30.000	Ea
0695	Conc Barrier-Mtd Temp Sign System, Oper	8122193	30.000	Ea
0700	_ Temp Guardrail Delineator	8127050	30.000	Ea
0705	Slope Restoration, Non-Freeway, Type A	8162001	734.000	Syd
0710	Slope Restoration, Non-Freeway, Type F	8162006	5,680.000	Syd
0715	TS Face, Bag	8200458	40.000	Ea
0720	TS Face, Bag, Rem	8200459	40.000	Ea
0725	Non-Freeway Shld Corrugations, Milled, HMA	8220025	140.000	Ft
0730	Contractor Staking	8240001	1.000	LSUM
0735	Staking Plan Errors and Extras, Max \$180/hour	8240002	67.000	Hr
<b>Section: 2</b>				
0740	Structures, Rem (B02-3 of 61151)	2040060	1.000	LSUM
0745	Structures, Rem (B02-4 of 61151)	2040060	1.000	LSUM
0750	Backfill, Structure, CIP	2060002	3,078.000	Cyd

0755	Aggregate	2060005	96.000	Cyd
0760	Excavation, Fdn	2060010	5,338.000	Cyd
0765	Erosion Control, Filter Bag	2080014	8.000	Ea
0770	Erosion Control, Gravel Filter Berm	2080018	400.000	Ft
0775	Erosion Control, Turbidity Curtain, Deep	2080042	500.000	Ft
0780	Geotextile, Separator	3080005	600.000	Syd
0785	Underdrain, Fdn, 4 inch	4040031	276.000	Ft
0790	Underdrain Outlet, 4 inch	4040091	70.000	Ft
0795	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0800	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	960.000	Sft
0805	_ Cofferdam, Left in Place, Spec (B02-3 of 61151)	7047051	1.000	LSUM
0810	_ Cofferdam, Left in Place, Spec (B02-4 of 61151)	7047051	1.000	LSUM
0815	_ Cofferdam, Spec (B02-3 of 61151)	7047051	1.000	LSUM
0820	_ Cofferdam, Spec (B02-4 of 61151)	7047051	1.000	LSUM
0825	Pile Driving Equipment, Furn (B02-3 of 61151)	7050002	1.000	LSUM
0830	Pile Driving Equipment, Furn (B02-4 of 61151)	7050002	1.000	LSUM
0835	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	5,210.000	Ft
0840	Test Pile, CIP Conc, 14 inch	7050023	8.000	Ea
0845	Pile, Steel, Splice	7050050	8.000	Ea
0850	Bridge Ltg, Furn and Rem (B02-3 of 61151)	7060001	1.000	LSUM
0855	Bridge Ltg, Furn and Rem (B02-4 of 61151)	7060001	1.000	LSUM
0860	Bridge Ltg, Oper and Maintain	7060002	482.000	Cyd
0865	Expansion Joint Device	7060050	194.000	Ft
0870	False Decking	7060060	14,864.000	Sft
0875	Reinforcement, Steel, Epoxy Coated	7060092	178,475.000	Lb
0880	Substructure Conc, High Performance	7060101	461.000	Cyd
0885	Superstructure Conc, Form, Finish, and Cure (B02-3 of 61151)	7060111	1.000	LSUM
0890	Superstructure Conc, Form, Finish, and Cure (B02-4 of 61151)	7060111	1.000	LSUM
0895	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02-3 of 61151)	7060112	1.000	LSUM
0900	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02-4 of 61151)	7060112	1.000	LSUM
0905	Superstructure Conc, High Performance	7060116	92.000	Cyd
0910	Superstructure Conc, Night Casting, High Performance	7060117	482.000	Cyd
0915	Sealing Localized Cracks (B02-3 of 61151)	7060220	1.000	LSUM
0920	Sealing Localized Cracks (B02-4 of 61151)	7060220	1.000	LSUM
0925	Conc, Grade 3500	7062001	739.000	Cyd
0930	Bearing, Elastomeric, 1 3/4 inch	7070015	7,104.000	Sin
0935	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	1,966.000	Lb
0940	Steel Diaphragm, Prest Conc Beam, Erect	7070054	1,966.000	Lb
0945	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	1,616.000	Ft
0950	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	1,616.000	Ft
0955	Joint Waterproofing	7100001	165.000	Sft
0960	Joint Waterproofing, Expansion	7100003	423.000	Sft

0965	_ Silane Treatment	7107010	4,999.000	Sft
0970	Bridge Barrier Railing, Type 6, High Performance	7110017	329.000	Ft
0975	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, High Performance	7112062	204.000	Ft
0980	Riprap, Plain	8130011	307.000	Ton
0985	Structure Survey During Construction (B02-3 of 61151)	8240020	1.000	LSUM
0990	Structure Survey During Construction (B02-4 of 61151)	8240020	1.000	LSUM

---



10/27/2022 1:14 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 015**Letting Date:** December 2, 2022**Contract ID:** 10031-214467

**Description:** 18.87 mi of single chip seal with a fog seal and pavement markings on US-31 from the south Benzie County line to M-115 and on M-186 from M-113 to US-131 and M-115 from west of Bridge Road to US-31, Benzie and Grand Traverse Counties. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214467A	22A1097	N/A	ST 10031
214901A	23A0017	N/A	ST 10041

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, Great Lakes Central Railroad	1027060	3,000.000	Dlr
0010	Mobilization, Max \$133,300.00	1100001	1.000	LSUM
0015	Seal, Fog	5050015	413,598.000	Syd
0020	Chip Seal, Single, Warranty	5050040	413,598.000	Syd
0025	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	484.000	Ft
0030	Pavt Mrkg, Polyurea, Xing	8110102	2.000	Ea
0035	Pavt Mrkg, Polyurea, Bike, Large Sym	8110104	2.000	Ea
0040	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	4.000	Ea
0045	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	180.000	Ft
0050	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	76.000	Ft
0055	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	289.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	200,134.000	Ft
0065	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	113,771.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	200,134.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	113,771.000	Ft
0080	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0085	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0090	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0095	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	10.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0105	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0115	Mobile Attenuator	8120180	1.000	Ea
0120	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	80.000	Ft
0125	Plastic Drum, Fluorescent, Furn	8120252	176.000	Ea

0130	Plastic Drum, Fluorescent, Oper	8120253	176.000	Ea
0135	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0140	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	800.000	Ea
0145	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	7,900.000	Ea
0150	Sign Cover	8120310	18.000	Ea
0155	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	760.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	760.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	199,000.000	Ft
0185	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0190	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea





**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 016

**Letting Date:** December 2, 2022

**Contract ID:** 33083-204907

**Description:** Bridge rehabilitation and reconstruction including deck replacement, widening, deep overlay, steel repairs, partial paint, pier, abutment, beam end and substructure repairs, barrier replacement, full depth deck repairs, removal and replacement and approach work on I-96 over M-99, Washington Street, Billwood Highway and the Grand River in the city of Lansing, Ingham County. This project includes a 2 year concrete surface coating warranty, a 2 year bridge coating warranty, and a 5 year material and workmanship concrete pavement warranty. This is an OJT VIP Pilot Project. Please see Special Provision for Preparation and Consideration of Bids on On-the-Job-Training Voluntary Incentive Program Projects.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204907A	23A0037	N/A	IM 33083
204942A	23A0039	N/A	IM 33083
210048A	23A0044	N/A	RBMP 23151

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Conc Quality Initiative	10000030	94,798.000	Dlr
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$3,669,400.00	1100001	1.000	LSUM
0020	Clearing	2010001	15.030	Acre
0025	Culv, Rem, Less than 24 inch	2030001	23.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0035	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0040	Dr Structure, Rem	2030011	6.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	390.000	Ft
0050	Curb and Gutter, Rem	2040020	1,484.000	Ft
0055	Fence, Rem	2040025	1,101.000	Ft
0060	Guardrail, Rem	2040035	8,641.000	Ft
0065	Pavt, Rem	2040050	16,267.000	Syd
0070	Exploratory Investigation, Vertical	2040080	324.000	Ft
0075	Backfill, Swamp	2050001	1,000.000	Cyd
0080	Excavation, Earth	2050016	105,823.000	Cyd
0085	Granular Blanket, Type 1	2050020	500.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0095	_ Embankment, CIP, Clay, Spec	2057021	69.000	Cyd
0100	_ Embankment, CIP, Spec	2057021	122,327.000	Cyd
0105	Aggregate	2060005	29.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	445.000	Ft

0115	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0120	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0125	Erosion Control, Maintenance, Sediment Rem	2080026	70.000	Cyd
0130	Erosion Control, Sand Bag	2080028	75.000	Ea
0135	Erosion Control, Sediment Trap	2080034	22.000	Ea
0140	Erosion Control, Silt Fence	2080036	3,506.000	Ft
0145	Subbase, CIP	3010002	27,090.000	Cyd
0150	Aggregate Base, LM	3020002	8,232.000	Cyd
0155	Aggregate Base, 6 inch	3020016	28,444.000	Syd
0160	Aggregate Base, 9 inch	3020022	114.000	Syd
0165	Open-Graded Dr Cse, 6 inch	3030006	24,757.000	Syd
0170	Open-Graded Dr Cse, CIP	3030030	996.000	Cyd
0175	_ Open-Graded Dr Cse, 9 inch	3037011	650.000	Syd
0180	Shld, CI II	3070121	109.000	Ton
0185	Shld, CI II, 3 inch	3070125	1,310.000	Syd
0190	Shld, CI II, 6 inch	3070128	9,203.000	Syd
0195	Shld, CI II, 8 inch	3070130	222.000	Syd
0200	Shld, CI II, 5 inch, Temp	3070182	5,356.000	Syd
0205	Shld, CI II, 6 inch, Temp	3070183	3,099.000	Syd
0210	Trenching	3070200	136.000	Sta
0215	_ Shld, CI II, 11 1/2 inch	3077011	4,323.000	Syd
0220	Geotextile, Separator	3080005	25,538.000	Syd
0225	Culv End Sect, 12 inch	4010012	14.000	Ea
0230	Culv End Sect, 24 inch	4010024	2.000	Ea
0235	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0240	Culv End Sect, Footing	4010072	9.000	Ea
0245	Culv, CI B, 36 inch	4010238	180.000	Ft
0250	Culv, CI E, 12 inch	4010539	204.000	Ft
0255	Culv, Downspout, 12 inch	4010795	653.000	Ft
0260	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0265	Dr Marker Post	4011109	80.000	Ea
0270	Culv, Outlet Headwall, 12 inch	4012000	14.000	Ea
0275	Sewer, CI A, 12 inch, Tr Det A	4020004	7.000	Ft
0280	Sewer, CI A, 24 inch, Tr Det A	4020007	47.000	Ft
0285	Sewer, CI A, 12 inch, Tr Det B	4020033	250.000	Ft
0290	Sewer, CI A, 24 inch, Tr Det B	4020036	97.000	Ft
0295	Sewer, CI B, 24 inch, Tr Det A	4020156	23.000	Ft
0300	Sewer, CI B, 24 inch, Tr Det B	4020186	96.000	Ft
0305	Sewer, CI E, 12 inch, Tr Det B	4020600	160.000	Ft
0310	Video Taping Sewer and Culv Pipe	4021275	144.000	Ft
0315	Dr Structure Cover, Type B	4030010	3.000	Ea
0320	Dr Structure Cover, Type D	4030025	8.000	Ea
0325	Dr Structure Cover, Type G	4030040	1.000	Ea
0330	Dr Structure, 24 inch dia	4030200	5.000	Ea
0335	Dr Structure, 48 inch dia	4030210	8.000	Ea

0340	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	15.000	Ft
0345	_ Dr Structure Cover, Type D, Modified	4037050	5.000	Ea
0350	Underdrain, Bank, 6 inch	4040003	500.000	Ft
0355	Underdrain, Pipe, Open-Graded, 6 inch	4040043	8,562.000	Ft
0360	Underdrain, Subbase, 6 inch	4040063	1,303.000	Ft
0365	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0370	Underdrain Outlet, 6 inch	4040093	1,246.000	Ft
0375	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0380	Video Inspection of Underdrain	4040200	3,025.000	Ft
0385	_ Underdrain Outlet Ending, Modified	4047050	40.000	Ea
0390	Cold Milling HMA Surface	5010002	22,970.000	Syd
0395	HMA Surface, Rem	5010005	44,978.000	Syd
0400	HMA Quality Initiative	5010007	6,528.000	Dlr
0405	Pavt for Butt Joints, Rem	5010008	2,836.000	Syd
0410	Longit Joint Density Quality Initiative	5010018	1,856.000	Dlr
0415	HMA Approach	5010061	1,121.000	Ton
0420	HMA, 5EML	5012037	2,143.000	Ton
0425	HMA, Temp Pavt (3EML)	5012101	5,539.000	Ton
0430	HMA, Temp Pavt (4EML)	5012103	4,706.000	Ton
0435	HMA, Temp Pavt (5EML)	5012105	1,650.000	Ton
0440	Joint, Contraction, Cp	6020200	8,913.000	Ft
0445	Joint, Contraction, C3p	6020201	5,217.000	Ft
0450	Joint, Expansion, E2	6020207	408.000	Ft
0455	Joint, Expansion, E3	6020208	566.000	Ft
0460	Joint, Expansion, E4	6020209	367.000	Ft
0465	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	886.000	Syd
0470	Conc Pavt, Misc, Nonreinf, 11 1/2 inch, High Performance	6020519	13,645.000	Syd
0475	Shld, Nonreinf Conc, High Performance	6020524	8,364.000	Syd
0480	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	1,410.000	Syd
0485	Joint, Contraction, Crg	6030020	199.000	Ft
0490	_ Deck Repr, Spec	7127060	40,000.000	Dlr
0495	Obstruction Rem	7180100	10,000.000	Dlr
0500	_ Temp Haul Road	8007051	1.000	LSUM
0505	Curb and Gutter, Conc, Det D1	8020030	755.000	Ft
0510	Downspout Header, Conc	8020070	14.000	Ea
0515	Curb and Gutter, Bridge Approach, Det 5	8022016	326.000	Ft
0520	Curb and Gutter, Bridge Approach, Det 6	8022017	121.000	Ft
0525	Curb and Gutter, Bridge Approach, Det 7	8022018	125.000	Ft
0530	Curb and Gutter, Bridge Approach, Det 7A	8022020	396.000	Ft
0535	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0540	Guardrail Approach Terminal, Type 2M	8070044	13.000	Ea
0545	Guardrail Approach Terminal, Type 2M, Temp	8070049	5.000	Ea
0550	Guardrail Departing Terminal, Type MGS	8070052	11.000	Ea

0555	Guardrail Departing Terminal, Type MGS, Temp	8070053	3.000	Ea
0560	Guardrail Departing Terminal, Type T, Temp	8070056	4.000	Ea
0565	Guardrail Reflector	8070080	189.000	Ea
0570	Guardrail, Reconst, Type B	8070105	150.000	Ft
0575	Guardrail Anch, Bridge, Det M1	8070130	12.000	Ea
0580	Guardrail Anch, Bridge, Det M4	8070133	8.000	Ea
0585	Guardrail Anch, Bridge, Det M7	8070136	3.000	Ea
0590	Guardrail, Temp, Type MGS-8, 72 inch Post	8072004	1,025.000	Ft
0595	Guardrail, Reconst, Type MGS-8	8072078	193.000	Ft
0600	Guardrail, Type MGS-8, 72 inch Post	8072179	5,515.000	Ft
0605	Guardrail, Temp, Type T, 84 inch Post	8072195	100.000	Ft
0610	Fence, Woven Wire with Steel Post	8080002	816.000	Ft
0615	Fence, Protective	8080007	125.000	Ft
0620	Delineator Reflector, Red	8100131	23.000	Ea
0625	Delineator Reflector, Yellow	8100132	21.000	Ea
0630	Delineator Reflector, Green	8100133	19.000	Ea
0635	Delineator Reflector, White	8100134	32.000	Ea
0640	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	6.000	Ea
0645	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	1.000	Ea
0650	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	12.000	Ea
0655	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	70.000	Ft
0660	Fdn, Truss, Rem	8100260	2.000	Ea
0665	Fdn, Wood Support, Rem	8100280	7.000	Ea
0670	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
0675	Perforated Steel Square Tube Breakaway System	8100330	3.000	Ea
0680	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	3.000	Ea
0685	Post, Flexible, Delineator	8100360	13.000	Ea
0690	Post, Rigid, Delineator	8100361	72.000	Ea
0695	Post, Steel, 3 pound	8100371	256.000	Ft
0700	Post, Wood, 4 inch by 6 inch	8100380	134.000	Ft
0705	Sign, Type I, Rem	8100391	3.000	Ea
0710	Sign, Type IA	8100392	472.000	Sft
0715	Sign, Type II, Rem	8100397	14.000	Ea
0720	Sign, Type IIA	8100398	110.000	Sft
0725	Sign, Type IIB	8100399	32.000	Sft
0730	Sign, Type III, Rem	8100403	9.000	Ea
0735	Sign, Type IIIA	8100404	24.000	Sft
0740	Sign, Type IIIB	8100405	1.000	Sft
0745	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0750	Sign, Type VB	8100425	80.000	Sft
0755	Truss, Rem	8100440	1.000	Ea
0760	Truss, Type E, 80 foot	8100490	1.000	Ea
0765	Ground Mtd Sign Support, Rem	8102010	29.000	Ea

0770	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	32,789.000	Ft
0775	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	1,720.000	Ft
0780	Recessing Pavt Mrkg, Longit	8110450	14,230.000	Ft
0785	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	9,755.000	Ft
0790	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	610.000	Ft
0795	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	7,730.000	Ft
0800	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	2,220.000	Ft
0805	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	97,110.000	Ft
0810	Pavt Mrkg, Wet Reflective Waterborne, 12 inch, White	8112146	7,250.000	Ft
0815	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	2,220.000	Ft
0820	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	8112148	68,470.000	Ft
0825	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	100.000	Ea
0830	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	100.000	Ea
0835	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0840	Conc Barrier Ending, Temp, Det 2, Adj	8120040	3.000	Ea
0845	Conc Barrier Ending, Temp, Det 2, Furn	8120041	19.000	Ea
0850	Conc Barrier Ending, Temp, Det 2, Oper	8120042	19.000	Ea
0855	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	54.000	Ea
0860	Conc Barrier Reflector Replacement	8120070	460.000	Ea
0865	Conc Barrier, Temp, Adj	8120080	27,000.000	Ft
0870	Conc Barrier, Temp, Furn	8120081	27,000.000	Ft
0875	Conc Barrier, Temp, Oper	8120082	27,000.000	Ft
0880	Conc Barrier, Temp, Relocated	8120083	44,200.000	Ft
0885	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	50.000	Ea
0890	Delineator, Flexible, Temp, Furn	8120091	100.000	Ea
0895	Delineator, Flexible, Temp, Oper	8120092	100.000	Ea
0900	Glare Screen, Temp	8120094	13,200.000	Ft
0905	Glare Screen, Temp, Relocated	8120095	9,100.000	Ft
0910	Glare Screen, Temp, Complete Sect, Replaced	8120096	340.000	Ea
0915	Tubular Marker	8120097	310.000	Ea
0920	Tubular Marker, Replacement	8120098	155.000	Ea
0925	High Intensity Light, Type B, Furn	8120110	21.000	Ea
0930	High Intensity Light, Type B, Oper	8120111	21.000	Ea
0935	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
0940	Lighted Arrow, Type C, Oper	8120141	9.000	Ea
0945	Ltg for Night Work	8120160	1.000	LSUM
0950	Minor Traf Devices	8120170	1.000	LSUM
0955	Mobile Attenuator	8120180	4.000	Ea
0960	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	147,290.000	Ft
0965	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,140.000	Ft
0970	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	21,170.000	Ft
0975	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	1,140.000	Ft

0980	Plastic Drum, Fluorescent, Furn	8120252	1,350.000	Ea
0985	Plastic Drum, Fluorescent, Oper	8120253	1,350.000	Ea
0990	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	570.000	Ea
0995	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	470.000	Ea
1000	Sign Cover	8120310	300.000	Ea
1005	Sign Cover, Type I	8120320	10.000	Ea
1010	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	22.000	Ea
1015	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	22.000	Ea
1020	Sign, Type A, Temp, Prismatic, Furn	8120340	2,400.000	Sft
1025	Sign, Type A, Temp, Prismatic, Oper	8120341	2,400.000	Sft
1030	Sign, Type B, Temp, Prismatic, Furn	8120350	10,380.000	Sft
1035	Sign, Type B, Temp, Prismatic, Oper	8120351	10,380.000	Sft
1040	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	7,140.000	Sft
1045	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	7,140.000	Sft
1050	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	280.000	Ft
1055	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	280.000	Ft
1060	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	186,950.000	Ft
1065	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	156,920.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	60,610.000	Ft
1075	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	53,280.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	10,200.000	Ft
1085	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	2,833.000	Ft
1090	Speed Radar Trailer, Temp	8122028	2.000	Ea
1095	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8122180	510.000	Ft
1100	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	6,820.000	Ft
1105	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	12.000	Ea
1110	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	12.000	Ea
1115	_ Barrier Gate, Temp, Furn	8127050	2.000	Ea
1120	_ Barrier Gate, Temp, Open/Close	8127050	20.000	Ea
1125	_ Barrier Gate, Temp, Oper	8127050	2.000	Ea
1130	_ Barrier Gate, Temp, Relocated	8127050	2.000	Ea
1135	_ Temp Guardrail Delineator	8127050	640.000	Ea
1140	_ Traf Speed Sensor, Portable, Temp	8127050	10.000	Ea
1145	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1150	_ Safety Contingency	8127060	40,000.000	Dir
1155	Riprap, Heavy	8130005	165.000	Syd

1160	Riprap, Plain	8130010	250.000	Syd
1165	Ditch, Plain Cobble	8140005	948.000	Syd
1170	Site Preparation, Max \$37,500.00	8150001	1.000	LSUM
1175	Watering and Cultivating, First Season, Min \$18,200.00	8150002	1.000	LSUM
1180	Watering and Cultivating, 2nd Season, Min \$22,500.00	8150003	1.000	LSUM
1185	Abies concolor, 6 foot	8150030	50.000	Ea
1190	Acer x freemanii 'Celebration', 2 inch	8150225	40.000	Ea
1195	Crataegus crusgalli 'Inermis', 2 inch	8151132	30.000	Ea
1200	Picea abies, 6 foot	8152742	50.000	Ea
1205	Quercus imbricaria, 2 inch	8153072	40.000	Ea
1210	Ulmus americana 'Delaware', 2 inch	8153909	40.000	Ea
1215	Mulch Blanket	8160027	49,311.000	Syd
1220	Mulch Blanket, High Velocity	8160028	1,800.000	Syd
1225	Seeding, Mixture CR	8160035	1,197.000	Lb
1230	Topsoil Surface, Furn, 6 inch	8160064	2,191.000	Syd
1235	Water, Sodding/Seeding	8160090	202.000	Unit
1240	Slope Restoration, Freeway, Type A	8162013	91,816.000	Syd
1245	Slope Restoration, Freeway, Type B	8162014	32,829.000	Syd
1250	Slope Restoration, Freeway, Type C	8162015	16,037.000	Syd
1255	_ Emergent Wetland Seed Mixture	8167011	2,191.000	Syd
1260	Monument Box	8210001	19.000	Ea
1265	Monument Preservation	8210010	19.000	Ea
1270	Freeway Shld Corrugations, Milled, Conc	8222000	8,184.000	Ft
1275	Freeway Shld Corrugations, Milled, HMA	8222001	33,701.000	Ft
1280	Contractor Staking	8240001	1.000	LSUM
1285	Staking Plan Errors and Extras, Max \$180/hour	8240002	396.000	Hr

**Section: 2**

1290	Structures, Rem Portions (B03-3 of 23151)	2040061	1.000	LSUM
1295	Structures, Rem Portions (B03-4 of 23151)	2040061	1.000	LSUM
1300	Backfill, Structure, CIP	2060002	6,945.000	Cyd
1305	Excavation, Fdn	2060010	16,015.000	Cyd
1310	Erosion Control, Filter Bag	2080014	12.000	Ea
1315	Erosion Control, Gravel Filter Berm	2080018	360.000	Ft
1320	Erosion Control, Turbidity Curtain, Deep	2080042	973.000	Ft
1325	Erosion Control, Turbidity Curtain, Shallow	2080044	340.000	Ft
1330	_ Flexible Intermediate Bulk Container Stone Bags	2087021	2,430.000	Cyd
1335	Road Grade Biaxial Geogrid	3082002	1,610.000	Syd
1340	Underdrain, Fdn, 4 inch	4040031	619.000	Ft
1345	Underdrain Outlet, 4 inch	4040091	290.000	Ft
1350	Underdrain, Outlet Ending, 4 inch	4040111	18.000	Ea
1355	HMA Patch, Rem	5010006	2.000	Syd
1360	Cofferdams (B03-3 of 23151)	7040007	1.000	LSUM

1365	Cofferdams (B03-4 of 23151)	7040007	1.000	LSUM
1370	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	420.000	Sft
1375	Pile Driving Equipment, Furn (B03-3 of 23151)	7050002	1.000	LSUM
1380	Pile Driving Equipment, Furn (B03-4 of 23151)	7050002	1.000	LSUM
1385	Pile, Steel, Furn and Driven, 12 inch	7050030	9,320.000	Ft
1390	Pile Point, Steel	7050039	146.000	Ea
1395	Pile, Steel, Splice	7050050	146.000	Ea
1400	_ Test Pile, Dynamic Analysis	7057050	8.000	Ea
1405	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	4.000	Ea
1410	Bridge Ltg, Furn and Rem (B03-3 of 23151)	7060001	1.000	LSUM
1415	Bridge Ltg, Furn and Rem (B03-4 of 23151)	7060001	1.000	LSUM
1420	Bridge Ltg, Furn and Rem (S01-3 of 33083)	7060001	1.000	LSUM
1425	Bridge Ltg, Furn and Rem (S01-4 of 33083)	7060001	1.000	LSUM
1430	Bridge Ltg, Furn and Rem (S02-3 of 33083)	7060001	1.000	LSUM
1435	Bridge Ltg, Furn and Rem (S02-4 of 33083)	7060001	1.000	LSUM
1440	Bridge Ltg, Oper and Maintain	7060002	2,434.000	Cyd
1445	Expansion Joint Device	7060050	719.000	Ft
1450	False Decking	7060060	104,400.000	Sft
1455	Reinforcement, Steel, Epoxy Coated	7060092	792,719.000	Lb
1460	Substructure Conc, High Performance	7060101	1,390.000	Cyd
1465	Superstructure Conc, Form, Finish, and Cure (B03-3 of 23151)	7060111	1.000	LSUM
1470	Superstructure Conc, Form, Finish, and Cure (B03-4 of 23151)	7060111	1.000	LSUM
1475	Superstructure Conc, Form, Finish, and Cure (S01-3 of 33083)	7060111	1.000	LSUM
1480	Superstructure Conc, Form, Finish, and Cure (S01-4 of 33083)	7060111	1.000	LSUM
1485	Superstructure Conc, Form, Finish, and Cure, Night Casting (B03-3 of 23151)	7060112	1.000	LSUM
1490	Superstructure Conc, Form, Finish, and Cure, Night Casting (B03-4 of 23151)	7060112	1.000	LSUM
1495	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01-3 of 33083)	7060112	1.000	LSUM
1500	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01-4 of 33083)	7060112	1.000	LSUM
1505	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02-4 of 33083)	7060112	1.000	LSUM
1510	Superstructure Conc, High Performance	7060116	218.000	Cyd
1515	Superstructure Conc, Night Casting, High Performance	7060117	2,249.000	Cyd
1520	Water Repellent Treatment, Penetrating	7060140	1,245.000	Syd
1525	Sealing Localized Cracks (B03-3 of 23151)	7060220	1.000	LSUM
1530	Sealing Localized Cracks (B03-4 of 23151)	7060220	1.000	LSUM
1535	Sealing Localized Cracks (S01-3 of 33083)	7060220	1.000	LSUM
1540	Sealing Localized Cracks (S01-4 of 33083)	7060220	1.000	LSUM
1545	Sealing Localized Cracks (S02-3 of 33083)	7060220	1.000	LSUM
1550	Sealing Localized Cracks (S02-4 of 33083)	7060220	1.000	LSUM
1555	Conc, Grade 4500HP	7062004	36.000	Cyd



1560	Bearing, Elastomeric, 2 1/2 inch	7070018	12,654.000	Sin
1565	Bearing, Elastomeric, 3 1/4 inch	7070021	2,240.000	Sin
1570	Bearing, Elastomeric, 3 1/2 inch	7070022	14,652.000	Sin
1575	Shear Developers (B03-4 of 23151)	7070040	1.000	LSUM
1580	Shear Developers (S01-3 of 33083)	7070040	1.000	LSUM
1585	Shear Developers (S01-4 of 33083)	7070040	1.000	LSUM
1590	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	12,158.000	Lb
1595	Steel Diaphragm, Prest Conc Beam, Erect	7070054	12,158.000	Lb
1600	Structural Steel, Plate, Erect	7070060	1,840.000	Lb
1605	Structural Steel, Plate, Furn and Fab	7070061	1,840.000	Lb
1610	Structural Steel, Rolled Shape, Erect	7070070	53,352.000	Lb
1615	Structural Steel, Rolled Shape, Furn and Fab	7070071	53,352.000	Lb
1620	Prest Conc Bulb-Tee Beam, Furn, 60 inch by 49 inch	7080130	2,181.000	Ft
1625	Prest Conc Bulb-Tee Beam, Erect, 60 inch by 49 inch	7080131	2,181.000	Ft
1630	Prest Conc Bulb-Tee Beam, Furn, 72 inch by 49 inch	7080140	2,547.000	Ft
1635	Prest Conc Bulb-Tee Beam, Erect, 72 inch by 49 inch	7080141	2,547.000	Ft
1640	Joint Waterproofing	7100001	1,011.000	Sft
1645	Joint Waterproofing, Expansion	7100003	576.000	Sft
1650	Conc Surface Coating, Warranty (S01-3 of 33083)	7100009	1.000	LSUM
1655	Conc Surface Coating, Warranty (S01-4 of 33083)	7100009	1.000	LSUM
1660	Conc Surface Coating, Warranty (S02-3 of 33083)	7100009	1.000	LSUM
1665	Conc Surface Coating, Warranty (S02-4 of 33083)	7100009	1.000	LSUM
1670	Substructure Horizontal Surface Sealer (S01-3 of 33083)	7100030	52.000	Syd
1675	Substructure Horizontal Surface Sealer (S01-4 of 33083)	7100030	52.000	Syd
1680	Substructure Horizontal Surface Sealer (S02-3 of 33083)	7100030	23.000	Syd
1685	Substructure Horizontal Surface Sealer (S02-4 of 33083)	7100030	23.000	Syd
1690	_ Silane Treatment	7107010	9,248.000	Sft
1695	Reflective Marker, Permanent Barrier	7110003	66.000	Ea
1700	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	1,760.000	Ft
1705	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, High Performance	7112062	1,014.000	Ft
1710	_ Bridge Barrier Railing, Reconst Portions	7117001	20.000	Ft
1715	Scarifying	7120001	835.000	Syd
1720	Hand Chipping, Other Than Deck	7120007	502.000	Cft
1725	Patch, Forming	7120017	1,004.000	Sft
1730	Bridge Deck Surface Construction	7120025	835.000	Syd
1735	Conc, Silica Fume Modified	7120027	185.000	Cyd
1740	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	194.000	Ea
1745	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	39.000	Ea
1750	Structures, Rehabilitation, Rem Portions (S01-3 of 33083)	7120070	1.000	LSUM
1755	Structures, Rehabilitation, Rem Portions (S01-4 of 33083)	7120070	1.000	LSUM

1760	Structures, Rehabilitation, Rem Portions (S02-4 of 33083)	7120070	1.000	LSUM
1765	Deck Joint, Rem	7120071	176.000	Ft
1770	Latex Conc Surface, Rem	7120072	835.000	Syd
1775	Hydrodemolition, First Pass	7120076	835.000	Syd
1780	Hydrodemolition, 2nd Pass	7120077	90.000	Syd
1785	Reinforcement, Mechanical Splice	7120084	284.000	Ea
1790	Filler Wall Conc	7120087	42.000	Cyd
1795	Flushing Cracks, Water	7120098	356.000	Ft
1800	Structural Crack, Repr	7120099	356.000	Ft
1805	Top Flanges and Beam Ends, Clean and Coat	7120100	292.000	Syd
1810	Patching Conc, C-L	7120112	24.000	Cyd
1815	Embedded Galvanic Anode	7120120	454.000	Ea
1820	Hand Chipping, Full Depth	7122000	330.000	Cft
1825	_ Hand Chipping, Spec	7127010	502.000	Sft
1830	_ Latex Modified Conc, Spec	7127020	255.000	Cft
1835	Beam Plate, Seal Perimeter	7130010	700.000	Ft
1840	Stiffeners, Furn, Fab, and Erect	7130060	1,010.000	Lb
1845	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	6,370.000	Lb
1850	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	160.000	Lb
1855	Support, Column, Temp	7130080	61.000	Ea
1860	Structures, Temp (B03-3 of 23151)	7140001	1.000	LSUM
1865	Structures, Temp, Rem (B03-3 of 23151)	7140002	1.000	LSUM
1870	Steel Structure, Cleaning, Type 4 (S01-3 of 33083)	7150045	1.000	LSUM
1875	Steel Structure, Cleaning, Type 4 (S01-4 of 33083)	7150045	1.000	LSUM
1880	Steel Structure, Coating, Type 4 (S01-3 of 33083)	7150046	1.000	LSUM
1885	Steel Structure, Coating, Type 4 (S01-4 of 33083)	7150046	1.000	LSUM
1890	_ Clean and Coat Steel Bearing	7157050	84.000	Ea
1895	Field Repr of Damaged Coating (S01-3 of 33083)	7160001	1.000	LSUM
1900	Field Repr of Damaged Coating (S01-4 of 33083)	7160001	1.000	LSUM
1905	Temp Casing-Left in Place	7180121	1,037.000	Ft
1910	_ Crosshole Sonic Logging Access Tube	7187001	5,442.000	Ft
1915	_ Drilled Shaft, Std, 42 inch	7187001	270.000	Ft
1920	_ Drilled Shaft, Std, 48 inch	7187001	1,039.000	Ft
1925	_ Crosshole Sonic Log Testing	7187050	18.000	Ea
1930	_ Drilled Shaft Equipment, Furn, Spec (B03-3 of 23151)	7187051	1.000	LSUM
1935	_ Drilled Shaft Equipment, Furn, Spec (B03-4 of 23151)	7187051	1.000	LSUM
1940	_ Obstruction Rem, Spec	7187060	30,000.000	Dir
1945	_ Utility Protection	8007001	1,165.000	Ft
1950	Slope Paving Header	8130015	940.000	Ft
1955	Slope Paving, Conc	8130020	1,392.000	Syd
1960	_ Riprap, Spec, Class II	8137031	7,150.000	Ton
1965	Structure Survey During Construction (B03-3 of 23151)	8240020	1.000	LSUM

1970	Structure Survey During Construction (B03-4 of 23151)	8240020	1.000	LSUM
1975	Structure Survey During Construction (S01-3 of 33083)	8240020	1.000	LSUM
1980	Structure Survey During Construction (S01-4 of 33083)	8240020	1.000	LSUM

---

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 017**Letting Date:** December 2, 2022**Contract ID:** 29022-113221

**Description:** 6.59 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, 2 culvert replacements, indirect left turns, signing, guardrail, carpool lot resurfacing and Bridge rehabilitation including shallow overlay deck patching, superstructure and substructure repair, approach work and pavement markings on US-127 from M-57 to north of Bagley Road and US-127 over Bad River, Bear Creek and Wolf Creek, Gratiot County. This project includes a 2 year concrete surface coating warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
113221A	23A0040	N/A	ST 29022
132043A	23A0041	N/A	NH 29011
204927A	23A0042	N/A	NH 29011
210145A	23A0043	N/A	NH 29011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, Great Lakes Central Railroad	1027060	10,000.000	Dir
0010	Mobilization, Max \$2,436,700.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.100	Acre
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	80.000	Ea
0035	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Dr Structure, Rem	2030011	5.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	330.000	Ft
0050	Curb and Gutter, Rem	2040020	1,110.000	Ft
0055	Guardrail, Rem	2040035	1,983.000	Ft
0060	Pavt, Rem	2040050	8,583.000	Syd
0065	Ditch Cleanout	2050006	250.000	Sta
0070	Embankment, CIP	2050010	16,362.000	Cyd
0075	Excavation, Earth	2050016	41,745.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0085	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	3,152.000	Ft
0095	Erosion Control, Filter Bag	2080014	6.000	Ea
0100	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0105	Erosion Control, Gravel Filter Berm	2080018	1,000.000	Ft
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea

0115	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0120	Erosion Control, Maintenance, Sediment Rem	2080026	57.000	Cyd
0125	Erosion Control, Sand Bag	2080028	1,000.000	Ea
0130	Erosion Control, Sediment Basin	2080032	38.000	Cyd
0135	Erosion Control, Sediment Trap	2080034	192.000	Ea
0140	Erosion Control, Silt Fence	2080036	9,315.000	Ft
0145	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	13,560.000	Cyd
0155	Aggregate Base, 6 inch	3020016	4,671.000	Syd
0160	Aggregate Base, 8 inch	3020020	36,991.000	Syd
0165	Aggregate Base, 12 inch	3020030	641.000	Syd
0170	Approach, CI II, 6 inch	3070028	1,978.000	Syd
0175	Shld, CI II	3070121	49.000	Ton
0180	Shld, CI II, 4 inch	3070126	47,051.000	Syd
0185	Shld, CI II, 5 inch, Temp	3070182	1,208.000	Syd
0190	Road Grade Biaxial Geogrid	3082002	1,378.000	Syd
0195	Culv End Sect, 12 inch	4010012	16.000	Ea
0200	Culv End Sect, 15 inch	4010015	2.000	Ea
0205	Culv End Sect, 18 inch	4010018	100.000	Ea
0210	Culv End Sect, 30 inch	4010030	4.000	Ea
0215	Culv End Sect, Footing	4010072	116.000	Ea
0220	Culv, CI A, 18 inch	4010133	901.000	Ft
0225	Culv, CI A, 24 inch	4010134	8.000	Ft
0230	Culv, CI A, 48 inch	4010138	368.000	Ft
0235	Culv, CI A, 84 inch	4010144	480.000	Ft
0240	Culv, CI E, 18 inch	4010541	3,590.000	Ft
0245	Culv, CI F, 12 inch	4010607	260.000	Ft
0250	Culv, CI F, 15 inch	4010608	34.000	Ft
0255	Culv, CI F, 18 inch	4010609	420.000	Ft
0260	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0265	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0270	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	22.000	Ea
0275	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	6.000	Ea
0280	Dr Marker Post	4011109	173.000	Ea
0285	_ Culv Cleanout	4017001	500.000	Ft
0290	_ Stoplog Structure	4017050	2.000	Ea
0295	Sewer, CI A, 18 inch, Tr Det A	4020006	531.000	Ft
0300	Sewer, CI A, 18 inch, Tr Det B	4020035	1,119.000	Ft
0305	Sewer, CI A, 30 inch, Tr Det B	4020037	39.000	Ft
0310	Sewer, CI E, 12 inch, Tr Det B	4020600	330.000	Ft
0315	Sewer Tap, 18 inch	4021206	1.000	Ea
0320	Sewer Tap, 60 inch	4021213	1.000	Ea
0325	Video Taping Sewer and Culv Pipe	4021275	5,499.000	Ft
0330	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0335	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea

0340	Dr Structure Cover, Type B	4030010	6.000	Ea
0345	Dr Structure Cover, Type G	4030040	6.000	Ea
0350	Dr Structure Cover, Type J	4030045	3.000	Ea
0355	Dr Structure Lead, Cleaning, 12 inch	4030112	250.000	Ft
0360	Dr Structure Lead, Cleaning, 15 inch	4030115	250.000	Ft
0365	Dr Structure Lead, Cleaning, 18 inch	4030118	250.000	Ft
0370	Dr Structure, 48 inch dia	4030210	10.000	Ea
0375	Dr Structure, 60 inch dia	4030220	5.000	Ea
0380	Dr Structure, 72 inch dia	4030230	1.000	Ea
0385	Dr Structure, 96 inch dia	4030234	1.000	Ea
0390	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	1.000	Ft
0395	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	1.000	Ft
0400	Dr Structure, Cleaning	4030290	10.000	Ea
0405	Mh Base, 60 inch, Type 1	4030421	1.000	Ea
0410	_ Dr Structure Cover, Type D, Modified	4037050	3.000	Ea
0415	Underdrain, Subbase, 6 inch	4040063	1,255.000	Ft
0420	Underdrain Outlet, 6 inch	4040093	530.000	Ft
0425	Underdrain, Outlet Ending, 6 inch	4040113	20.000	Ea
0430	Pavt, Cleaning	5010001	1.000	LSUM
0435	Cold Milling HMA Surface	5010002	302,507.000	Syd
0440	Bump Grinding	5010004	400.000	Syd
0445	HMA Surface, Rem	5010005	45,600.000	Syd
0450	HMA Quality Initiative	5010007	148,180.000	Dlr
0455	Pavt for Butt Joints, Rem	5010008	324.000	Syd
0460	Longit Joint Density Quality Initiative	5010018	435,118.000	Dlr
0465	Pavt Joint and Crack Repr, Det 7	5010020	9,500.000	Ft
0470	Pavt Joint and Crack Repr, Det 8	5010021	3,000.000	Ft
0475	Hand Patching	5010025	1,661.000	Ton
0480	HMA Approach	5010061	13,461.000	Ton
0485	HMA, 3EML	5012013	591.000	Ton
0490	HMA, 4EML	5012025	33,188.000	Ton
0495	HMA, 5EML	5012037	25,189.000	Ton
0500	HMA, Temp Pavt (3EML)	5012101	852.000	Ton
0505	HMA, Temp Pavt (4EML)	5012103	5,330.000	Ton
0510	HMA, Temp Pavt (5EML)	5012105	426.000	Ton
0515	_ Ride Incentive	5017060	92,466.000	Dlr
0520	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	65.000	Syd
0525	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	6,309.000	Syd
0530	Joint, Contraction, Cp	6020200	921.000	Ft
0535	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	576.000	Syd
0540	Cement	6030005	818.000	Ton
0545	Cold Milling Conc Pavt	6030014	5,455.000	Syd
0550	Joint, Contraction, Crg	6030020	34,320.000	Ft

0555	Joint, Expansion, Erg	6030021	1,236.000	Ft
0560	Lane Tie, Epoxy Anchored	6030030	2,595.000	Ea
0565	Non-Chloride Accelerator	6030035	4,326.000	Gal
0570	Pavt Repr, Nonreinf Conc, 13 inch	6030053	4,337.000	Syd
0575	Pavt Repr, Rem	6030080	4,337.000	Syd
0580	Saw Cut, Intermediate	6030090	4,185.000	Ft
0585	Steel Sheet Piling, Permanent	7040001	1,280.000	Sft
0590	Curb and Gutter, Conc, Det B2	8020016	2,837.000	Ft
0595	Shld Gutter, Conc, Det 2	8020056	14.000	Ea
0600	Curb and Gutter, Bridge Approach, Det 5	8022016	85.000	Ft
0605	Curb and Gutter, Bridge Approach, Det 6	8022017	107.000	Ft
0610	Sidewalk, Conc, 6 inch	8030046	10,306.000	Sft
0615	Sidewalk, Conc, 7 inch	8030047	1,291.000	Sft
0620	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0625	Guardrail Approach Terminal, Type 2M	8070044	9.000	Ea
0630	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0635	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
0640	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0645	Guardrail Post, Culv	8070070	3.000	Ea
0650	Guardrail Reflector	8070080	63.000	Ea
0655	Guardrail Anch, Bridge, Det M1	8070130	3.000	Ea
0660	Guardrail Anch, Bridge, Det M3	8070132	1.000	Ea
0665	Guardrail Anch, Bridge, Det M4	8070133	2.000	Ea
0670	Guardrail Anch, Bridge, Det M2, Curved	8072037	1.000	Ea
0675	Guardrail, Long Span, Det MGS-1	8072121	1.000	Ea
0680	Guardrail, Curved, Type T, 84 inch Post	8072143	25.000	Ft
0685	Guardrail, Curved, Type B-CRT	8072154	163.000	Ft
0690	Guardrail, Type B, 72 inch Post	8072171	50.000	Ft
0695	Guardrail, Type T, 84 inch Post	8072175	26.000	Ft
0700	Guardrail, Type MGS-8, 72 inch Post	8072179	1,408.000	Ft
0705	Delineator Reflector, Red	8100131	88.000	Ea
0710	Delineator Reflector, Yellow	8100132	366.000	Ea
0715	Delineator Reflector, White	8100134	248.000	Ea
0720	Fdn, Wood Support, Rem	8100280	32.000	Ea
0725	Installing MDOT Supplied Sign, Type III	8100302	12.000	Ea
0730	Post, Rigid, Delineator	8100361	614.000	Ea
0735	Post, Steel, 3 pound	8100371	7,816.000	Ft
0740	Post, Wood, 4 inch by 6 inch	8100380	1,000.000	Ft
0745	Post, Wood, 6 inch by 8 inch	8100382	544.000	Ft
0750	Sign, Type IB	8100393	60.000	Sft
0755	Sign, Type II, Rem	8100397	24.000	Ea
0760	Sign, Type IIA	8100398	974.000	Sft
0765	Sign, Type IIB	8100399	74.000	Sft
0770	Sign, Type III, Rem	8100403	198.000	Ea
0775	Sign, Type IIIA	8100404	1,578.000	Sft

0780	Sign, Type IIIB	8100405	1,089.000	Sft
0785	Sign, Type V, Rem	8100421	6.000	Ea
0790	Sign, Type VB	8100425	373.000	Sft
0795	Reflective Panel for Permanent Sign Support, 3 foot	8100613	152.000	Ea
0800	Reflective Panel for Permanent Sign Support, 6 foot	8100616	62.000	Ea
0805	Ground Mtd Sign Support, Rem	8102010	221.000	Ea
0810	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	204.000	Ft
0815	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	3.000	Ea
0820	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	1,500.000	Ft
0825	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,610.000	Ft
0830	Rem Spec Mrkg	8110343	310.000	Sft
0835	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	35.000	Ea
0840	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
0845	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	30.000	Ea
0850	Recessing Pavt Mrkg, Longit	8110450	155,643.000	Ft
0855	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	93,211.000	Ft
0860	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	294.000	Ft
0865	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	62,138.000	Ft
0870	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	120.000	Ea
0875	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	120.000	Ea
0880	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0885	Conc Barrier Ending, Temp, Det 2, Furn	8120041	8.000	Ea
0890	Conc Barrier Ending, Temp, Det 2, Oper	8120042	8.000	Ea
0895	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	94.000	Ea
0900	Conc Barrier Reflector Replacement	8120070	150.000	Ea
0905	Conc Barrier, Temp, Adj	8120080	3,000.000	Ft
0910	Conc Barrier, Temp, Furn	8120081	11,800.000	Ft
0915	Conc Barrier, Temp, Oper	8120082	11,800.000	Ft
0920	Conc Barrier, Temp, Relocated	8120083	33,800.000	Ft
0925	Delineator, Flexible, Temp, Furn	8120091	210.000	Ea
0930	Delineator, Flexible, Temp, Oper	8120092	210.000	Ea
0935	Glare Screen, Temp	8120094	8,400.000	Ft
0940	Glare Screen, Temp, Relocated	8120095	15,700.000	Ft
0945	Glare Screen, Temp, Complete Sect, Replaced	8120096	210.000	Ea
0950	Tubular Marker	8120097	270.000	Ea
0955	Tubular Marker, Replacement	8120098	135.000	Ea
0960	High Intensity Light, Type B, Furn	8120110	8.000	Ea
0965	High Intensity Light, Type B, Oper	8120111	8.000	Ea
0970	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0975	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0980	Ltg for Night Work	8120160	1.000	LSUM
0985	Minor Traf Devices	8120170	1.000	LSUM
0990	Mobile Attenuator	8120180	2.000	Ea



0995	Pavt Mrkg Cover, Type R, Black	8120200	3,780.000	Ft
1000	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	469,180.000	Ft
1005	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,610.000	Ft
1010	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	830.000	Ft
1015	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	160.000	Ft
1020	Plastic Drum, Fluorescent, Furn	8120252	2,130.000	Ea
1025	Plastic Drum, Fluorescent, Oper	8120253	2,130.000	Ea
1030	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	60.000	Ft
1035	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	310.000	Ea
1040	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	310.000	Ea
1045	Sign Cover	8120310	280.000	Ea
1050	Sign Cover, Type I	8120320	5.000	Ea
1055	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	11.000	Ea
1060	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	11.000	Ea
1065	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
1070	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
1075	Sign, Type B, Temp, Prismatic, Furn	8120350	9,560.000	Sft
1080	Sign, Type B, Temp, Prismatic, Oper	8120351	9,560.000	Sft
1085	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2,750.000	Sft
1090	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2,750.000	Sft
1095	Traf Regulator Control	8120370	1.000	LSUM
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	77,690.000	Ft
1105	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	87,040.000	Ft
1110	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	519,190.000	Ft
1115	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	471,200.000	Ft
1120	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	1,910.000	Ft
1125	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	3,270.000	Ft
1130	Speed Radar Trailer, Temp	8122028	2.000	Ea
1135	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	2,730.000	Ft
1140	_ Temp Guardrail Delineator	8127050	50.000	Ea
1145	Riprap, Heavy	8130005	210.000	Syd
1150	Riprap, Plain	8130010	3,030.000	Syd
1155	Riprap, Plain	8130011	840.000	Ton
1160	Mulch	8160025	6,217.000	Syd
1165	Seeding, Mixture THV	8160040	128.000	Lb
1170	Water, Sodding/Seeding	8160090	22.000	Unit
1175	Slope Restoration, Non-Freeway, Type A	8162001	235,007.000	Syd

1180	Slope Restoration, Non-Freeway, Type B	8162002	3,980.000	Syd
1185	Slope Restoration, Non-Freeway, Type C	8162003	6,026.000	Syd
1190	Slope Restoration, Non-Freeway, Type E	8162005	1,410.000	Syd
1195	Conduit, Directional Bore, 1, 3 inch	8182035	124.000	Ft
1200	Hh, Round	8182310	2.000	Ea
1205	Pedestal, Alum	8200100	2.000	Ea
1210	Pedestal, Fdn	8200105	2.000	Ea
1215	Pedestal Fdn, Rem	8200106	2.000	Ea
1220	Pedestal, Rem	8200110	2.000	Ea
1225	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
1230	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
1235	TS Head, Temp	8200453	6.000	Ea
1240	TS Face, Bag	8200458	6.000	Ea
1245	TS Face, Bag, Rem	8200459	6.000	Ea
1250	Monument Box Adj	8210005	11.000	Ea
1255	Non-Freeway Shld Corrugations, Milled, HMA	8220025	60,589.000	Ft
1260	Contractor Staking	8240001	1.000	LSUM
1265	Staking Plan Errors and Extras, Max \$180/hour	8240002	246.000	Hr

**Section: 2**

1270	Structures, Rem (C04 of 29011)	2040060	1.000	LSUM
1275	Structures, Rem (C05 of 29011)	2040060	1.000	LSUM
1280	Flowable Fill, Non-Structural	2050148	918.000	Cyd
1285	_ Excavation, Channel, Spec	2057021	1,103.000	Cyd
1290	Backfill, Structure, CIP	2060002	2,003.000	Cyd
1295	Excavation, Fdn	2060010	7,458.000	Cyd
1300	Erosion Control, Turbidity Curtain, Deep	2080042	690.000	Ft
1305	_ Articulating Conc Block System, 6 inch	2087011	630.000	Syd
1310	Underdrain, Fdn, 6 inch	4040033	770.000	Ft
1315	Culv Bedding, Box Culv	4060005	532.000	Cyd
1320	_ Culv, Precast Conc Box, 14 foot by 10 foot	4067001	171.000	Ft
1325	_ Culv, Precast Conc Box, 24 foot by 10 foot	4067001	140.000	Ft
1330	Steel Sheet Piling, Temp	7040002	1,874.000	Sft
1335	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	1,750.000	Sft
1340	_ Steel Sheet Piling, Temp, Spec	7047010	577.000	Sft
1345	_ Cofferdam, Left in Place, Spec (C04 of 29011)	7047051	1.000	LSUM
1350	Reinforcement, Steel, Epoxy Coated	7060092	47,270.000	Lb
1355	Liner, PVC, 30 mil	7060209	2,223.000	Syd
1360	Sealing Localized Cracks (B02-1 of 29011)	7060220	1.000	LSUM
1365	Sealing Localized Cracks (B02-2 of 29011)	7060220	1.000	LSUM
1370	_ Conc Pavt, Bridge Approach, Reinf, Modified	7067011	932.000	Syd
1375	Joint Waterproofing	7100001	295.000	Sft
1380	Conc Surface Coating, Warranty (B02-1 of 29011)	7100009	1.000	LSUM
1385	Conc Surface Coating, Warranty (B02-2 of 29011)	7100009	1.000	LSUM
1390	_ Silane Treatment	7107010	660.000	Sft

1395	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, Replacement, High Performance	7112110	78.000	Ft
1400	_ Bridge Barrier Railing, Type 6, Modified	7117001	132.000	Ft
1405	Scarifying	7120001	680.000	Syd
1410	Hand Chipping, Deep	7120004	66.000	Syd
1415	Hand Chipping, Other Than Deck	7120007	358.000	Cft
1420	Patch, Forming	7120017	1,432.000	Sft
1425	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	228.000	Ea
1430	Structures, Rehabilitation, Rem Portions (B02-2 of 29011)	7120070	1.000	LSUM
1435	Flushing Cracks, Water	7120098	534.000	Ft
1440	Structural Crack, Repr	7120099	534.000	Ft
1445	Patching Conc, C-L	7120112	21.000	Cyd
1450	Embedded Galvanic Anode	7120120	716.000	Ea
1455	_ Hand Chipping, Spec	7127010	256.000	Sft
1460	_ Placing and Finishing Polyester Polymer Conc Ovly	7127011	680.000	Syd
1465	_ Latex Modified Conc, Spec	7127021	5.000	Cyd
1470	_ Polyester Polymer Conc Ovly	7127021	66.000	Cyd
1475	_ Bridge Cleaning (B02-1 of 29011)	7127051	1.000	LSUM
1480	_ Bridge Cleaning (B02-2 of 29011)	7127051	1.000	LSUM
1485	_ Maintainable Drain, Steel, 4 inch	7177050	24.000	Ea
1490	_ Riprap, Spec, Class II	8137031	296.000	Ton



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 018

**Letting Date:** December 2, 2022

**Contract ID:** 24000-215822

**Description:** 1.57 mi of hot mix asphalt cold milling and resurfacing, drainage structure adjustments and pavement markings on South Division Road from US-31 to Atkins Road, Emmet County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215822A	22A1077	N/A	STUL 24000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$42,000.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	503.000	Ton
0015	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0020	Dr Structure Cover, Type B	4030010	12.000	Ea
0025	Cold Milling HMA Surface	5010002	16,021.000	Syd
0030	Pavt for Butt Joints, Rem	5010008	400.000	Syd
0035	Hand Patching	5010025	20.000	Ton
0040	HMA Approach	5010061	112.000	Ton
0045	HMA, 4EMH	5012026	2,823.000	Ton
0050	Curb Slp, HMA	8050010	2,095.000	Ft
0055	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	112.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
0075	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,266.000	Ft
0085	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,606.000	Ft
0090	Recessing Pavt Mrkg, Longit	8110450	31,872.000	Ft
0095	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	175.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	175.000	Ea
0105	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0115	Minor Traf Devices	8120170	1.000	LSUM
0120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	830.000	Ft
0125	Sign, Type B, Temp, Prismatic, Furn	8120350	1,858.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	1,858.000	Sft

0135	Traf Regulator Control	8120370	1.000	LSUM
0140	Monument Box Adj	8210005	2.000	Ea

---



10/27/2022 1:14 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 019**Letting Date:** December 2, 2022**Contract ID:** 12000-207726**Description:** Bridge construction including removal and replacement with 4-sided precast concrete box culvert and approach work on Clay Road over Union Drain, Branch County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207726A	22A0977	N/A	BRT 12000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$110,100.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	6.000	Sta
0015	Embankment, CIP	2050010	2,429.000	Cyd
0020	Excavation, Channel	2050015	281.000	Cyd
0025	Excavation, Earth	2050016	793.000	Cyd
0030	Erosion Control, Silt Fence	2080036	1,311.000	Ft
0035	Subbase, CIP	3010002	825.000	Cyd
0040	Aggregate Base, 8 inch	3020020	1,850.000	Syd
0045	Aggregate Surface Cse	3060006	50.000	Ton
0050	Maintenance Gravel	3060020	80.000	Ton
0055	Shld, CI II, 3 inch	3070125	364.000	Syd
0060	HMA, 5EL	5012036	276.000	Ton
0065	Sign, Type III, Rem	8100403	4.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,092.000	Ft
0075	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,092.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Sign, Type B, Temp, Prismatic, Furn	8120350	186.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	186.000	Sft
0105	_ Turf Establishment	8167011	2,113.000	Syd

**Section: 2**

0110	Structures, Rem	2040060	1.000	LSUM
0115	Backfill, Structure, CIP	2060002	280.000	Cyd
0120	Excavation, Fdn	2060010	534.000	Cyd
0125	Underdrain, Fdn, 4 inch	4040031	116.000	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	61.000	Cyd
0145	_ Culv, Precast Conc Box, 24 Foot by 10 Foot	4067001	48.000	Ft
0150	False Decking	7060060	429.000	Sft
0155	Joint Waterproofing	7100001	220.000	Sft
0160	Membrane, Preformed Waterproofing	7100008	1,373.000	Sft
0165	_ Riprap, Heavy, Modified	8137011	54.000	Syd

---



10/27/2022 1:14 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 020**Letting Date:** December 2, 2022**Contract ID:** 63000-214132

**Description:** Signal modernization including concrete sidewalk ramps, countdown pedestrian signals, signing and pavement markings on Auburn Avenue from Hill Street/Center Street to Carriage Circle Drive and Auburn Avenue at Hill Street/Center Street, Paddock Street, Sanford Street and at MLK Boulevard in the city of Pontiac, Oakland County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214132A	22A1003	N/A	HSIP 63000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ RCOC Inspection Fee	1027060	30,000.000	Dir
0010	Mobilization, Max \$72,900.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	336.000	Ft
0020	Pavt, Rem	2040050	69.000	Syd
0025	Sidewalk, Rem	2040055	473.000	Syd
0030	Exploratory Investigation, Vertical	2040080	100.000	Ft
0035	Embankment, CIP	2050010	79.000	Cyd
0040	Excavation, Earth	2050016	165.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0050	Backfill, Structure, CIP	2060002	15.000	Cyd
0055	Excavation, Fdn	2060010	12.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0065	Erosion Control, Silt Fence	2080036	100.000	Ft
0070	Aggregate Base, 4 inch	3020010	461.000	Syd
0075	Aggregate Base, 8 inch	3020020	89.000	Syd
0080	_ Public Utility Structure Cover, Adj, Case 1, City of Pontiac	4037050	10.000	Ea
0085	_ Public Utility Structure Cover, Adj, Case 2, City of Pontiac	4037050	1.000	Ea
0090	Hand Patching	5010025	10.000	Ton
0095	Conc Base Cse, Nonreinf, 8 inch	6020019	78.000	Syd
0100	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	14.000	Syd
0105	_ Pedestrian Bridge Removal	7137051	1.000	LSUM
0110	Curb, Conc, Det E2	8020002	314.000	Ft
0115	Curb and Gutter, Conc, Det F3	8020037	210.000	Ft
0120	Detectable Warning Surface	8030010	126.000	Ft
0125	Curb Ramp Opening, Conc	8030030	126.000	Ft



0130	Sidewalk, Conc, 4 inch	8030044	1,178.000	Sft
0135	Curb Ramp, Conc, 6 inch	8032002	2,859.000	Sft
0140	Post, Steel, 3 pound	8100371	120.000	Ft
0145	Sign, Type III, Rem	8100403	3.000	Ea
0150	Sign, Type IIIB	8100405	294.000	Sft
0155	Reflective Panel for Permanent Sign Support, 3 foot	8100613	12.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	431.000	Ft
0165	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	900.000	Ft
0170	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	126.000	Ft
0175	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0185	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0190	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,350.000	Ft
0195	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,700.000	Ft
0200	Rem Spec Mrkg	8110343	232.000	Sft
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0215	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
0225	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0235	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0245	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	950.000	Ft
0250	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM
0275	_ Turf Establishment, Special, City of Pontiac	8167011	591.000	Syd
0280	Conduit, DB, 1, 1 1/4 inch	8182047	260.000	Ft
0285	Conduit, DB, 1, 3 inch	8182050	225.000	Ft
0290	Conduit, DB, 2, 3 inch	8182053	80.000	Ft
0295	Conduit, DB, 3, 4 inch	8182057	40.000	Ft
0300	Cable Pole, Sec, Disman	8182206	1.000	Ea
0305	Cable, Sec, 600V, 1, 3/C#6	8182238	300.000	Ft
0310	Hh, Adj	8182328	2.000	Ea
0315	Hh, Rem	8182330	3.000	Ea
0320	Serv Disconnect	8182366	2.000	Ea
0325	Serv Disconnect, Rem	8182367	1.000	Ea
0330	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
0335	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea

0340	_ Conduit, Directional Bore, 2, 3 inch, RCOC	8187001	50.000	Ft
0345	Light Std Arm, Install	8190275	1.000	Ea
0350	Light Std Arm, Rem and Salv	8190278	1.000	Ea
0355	Light Std Shaft, Install	8190300	1.000	Ea
0360	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
0365	Luminaire, Install Salv	8190350	1.000	Ea
0370	Luminaire, Rem and Salv	8190365	1.000	Ea
0375	Controller and Cabinet, Rem	8200030	1.000	Ea
0380	Controller Fdn, Base Mtd	8200045	1.000	Ea
0385	Controller Fdn, Rem	8200046	1.000	Ea
0390	Global Positioning System Module	8200050	1.000	Ea
0395	Fdn, Rem	8200065	2.000	Ea
0400	Pedestal, Fdn	8200105	15.000	Ea
0405	Pushbutton and Sign	8200121	14.000	Ea
0410	Span Wire, Rem	8200141	5.000	Ea
0415	Steel Pole, Rem	8200145	2.000	Ea
0420	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0425	TS, Span Wire Mtd, Rem	8200182	16.000	Ea
0430	TS, One Way Span Wire Mtd, Salv	8200191	12.000	Ea
0435	TS, One Way Span Wire Mtd (LED)	8200313	7.000	Ea
0440	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0445	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
0450	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
0455	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	7.000	Ea
0460	TS, One Way Mast Arm Mtd (LED)	8200359	4.000	Ea
0465	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
0470	Video Traf Detection System, Rem	8200383	1.000	Ea
0475	Video Traf Detection Camera, Rem	8200384	4.000	Ea
0480	Bracket, Truss, Rem	8200388	4.000	Ea
0485	Hemispherical Video Detection Camera	8200444	4.000	Ea
0490	Hemispherical Video Detection System	8200445	2.000	Ea
0495	TS Face, Bag	8200458	16.000	Ea
0500	TS Face, Bag, Rem	8200459	16.000	Ea
0505	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0510	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
0515	Strain Pole Fdn, 6 Bolt	8200470	59.000	Ft
0520	Casing	8200480	59.000	Ft
0525	Mast Arm Pole, Cat III	8202012	1.000	Ea
0530	Mast Arm, 50 foot, Cat III	8202033	1.000	Ea
0535	_ Mast Arm Pole Fdn, 6 Bolt, RCOC	8207001	15.000	Ft
0540	_ Backplate, Retrofit, RCOC	8207050	12.000	Ea
0545	_ Backplate, TS, RCOC	8207050	11.000	Ea
0550	_ Cabinet, ITS Type, Delivered, RCOC	8207050	2.000	Ea

0555	_ Cabinet, ITS Type, RCOC	8207050	2.000	Ea
0560	_ Controller, Digital Type, Delivered, SCATS, RCOC	8207050	2.000	Ea
0565	_ Flash Beacon, Rectangular Rapid, Solar Power	8207050	8.000	Ea
0570	_ Hh, Round, 2 foot Dia, RCOC	8207050	4.000	Ea
0575	_ Hh, Square, RCOC	8207050	2.000	Ea
0580	_ Mast Arm Mtd, Sign, Type IIIB, RCOC	8207050	2.000	Ea
0585	_ Pedestal, Alum, RCOC	8207050	15.000	Ea
0590	_ Span Wire, Box, RCOC	8207050	2.000	Ea
0595	_ Street Name Sign, Illuminated, Bracket Arm, RCOC	8207050	4.000	Ea
0600	_ Street Name Sign, Illuminated, Two Way, 6 foot, RCOC	8207050	2.000	Ea
0605	_ Street Name Sign, Illuminated, Two Way, 8 foot, RCOC	8207050	2.000	Ea
0610	_ Tether Wire, Box, Bottom, RCOC	8207050	2.000	Ea
0615	_ TS, Service Rack, Metered, RCOC	8207050	1.000	Ea
0620	_ Sprinkler Line, City of Pontiac	8237001	500.000	Ft
0625	_ Sprinkler Head, Relocate, City of Pontiac	8237050	20.000	Ea
0630	_ Sprinkler Head, Replace, City of Pontiac	8237050	20.000	Ea



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 021**Letting Date:** December 2, 2022**Contract ID:** 39000-206294

**Description:** 0.82 mi of hot mix asphalt cold milling and resurfacing, drainage, concrete sidewalk and ramps, signal upgrades and pavement markings on Sprinkle Road from E N Avenue to I-94, Kalamazoo County.  
This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206294A	22A0887	N/A	STU 39000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, Grand Trunk Western Railroad	1027060	15,000.000	Dlr
0010	Mobilization, Max \$110,000.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	240.000	Ft
0025	Curb and Gutter, Rem	2040020	995.000	Ft
0030	Pavt, Rem	2040050	385.000	Syd
0035	Sidewalk, Rem	2040055	205.000	Syd
0040	Exploratory Investigation, Vertical	2040080	20.000	Ft
0045	Excavation, Earth	2050016	125.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0055	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	39.000	Ea
0065	Erosion Control, Silt Fence	2080036	300.000	Ft
0070	Subbase, CIP	3010002	795.000	Cyd
0075	Aggregate Base, 6 inch	3020016	120.000	Syd
0080	Aggregate Base, 8 inch	3020020	1,120.000	Syd
0085	Sewer, CI E, 12 inch, Tr Det B	4020600	40.000	Ft
0090	Sewer, CI E, 15 inch, Tr Det B	4020601	200.000	Ft
0095	Sewer, CI E, 18 inch, Tr Det B	4020602	20.000	Ft
0100	Sewer, CI E, 36 inch, Tr Det B	4020605	10.000	Ft
0105	Sewer Tap, 18 inch	4021206	2.000	Ea
0110	Sewer Tap, 36 inch	4021209	1.000	Ea
0115	Video Taping Sewer and Culv Pipe	4021275	245.000	Ft
0120	Dr Structure Cover, Type D	4030025	1.000	Ea
0125	Dr Structure Cover, Type J	4030045	1.000	Ea
0130	Dr Structure Cover, Type K	4030050	4.000	Ea

0135	Dr Structure, 24 inch dia	4030200	2.000	Ea
0140	Dr Structure, 48 inch dia	4030210	1.000	Ea
0145	Dr Structure, 72 inch dia	4030230	1.000	Ea
0150	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0155	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
0160	_ Sanitary Structure Cover, Adj, Modified	4037050	3.000	Ea
0165	_ Storm Cover, Modified	4037050	19.000	Ea
0170	_ Storm Structure Cover, Adj, Modified	4037050	21.000	Ea
0175	Cold Milling HMA Surface	5010002	32,465.000	Syd
0180	Hand Patching	5010025	640.000	Ton
0185	HMA Approach	5010061	20.000	Ton
0190	HMA, 5EML	5012037	3,765.000	Ton
0195	_ Void Reducing Asphalt Membrane	5017001	4,300.000	Ft
0200	_ HMA Surface, Rem, Modified	5017011	1,060.000	Syd
0205	Conc Base Cse, Nonreinf, 6 inch	6020015	100.000	Syd
0210	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8007051	1.000	LSUM
0215	Driveway, Nonreinf Conc, 6 inch	8010005	230.000	Syd
0220	Curb, Conc, Det E2	8020002	100.000	Ft
0225	Curb and Gutter, Conc, Det B2	8020016	125.000	Ft
0230	Curb and Gutter, Conc, Det C4	8020023	620.000	Ft
0235	Driveway Opening, Conc, Det M	8020050	400.000	Ft
0240	Curb Ramp Opening, Conc	8030030	190.000	Ft
0245	Sidewalk, Conc, 4 inch	8030044	545.000	Sft
0250	Curb Ramp, Conc, 6 inch	8032002	1,185.000	Sft
0255	_ Detectable Warning Surface, Modified	8037001	125.000	Ft
0260	_ Tubular Marker, Modified	8047050	10.000	Ea
0265	Post, Steel, 3 pound	8100371	490.000	Ft
0270	Sign, Type II, Rem	8100397	2.000	Ea
0275	Sign, Type IIB	8100399	50.000	Sft
0280	Sign, Type III, Rem	8100403	30.000	Ea
0285	Sign, Type IIIA	8100404	77.000	Sft
0290	Sign, Type IIIB	8100405	121.000	Sft
0295	_ Sign, Type IIB, Modified	8107010	30.000	Sft
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,000.000	Ft
0305	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,200.000	Ft
0310	Rem Spec Mrkg	8110343	300.000	Sft
0315	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	1,460.000	Ft
0320	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	610.000	Ft
0325	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	19.000	Ea
0330	_ Pavt Mrkg, Waterborne, Only	8117050	9.000	Ea
0335	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	4.000	Ea
0340	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	6.000	Ea
0345	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea

0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0355	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0360	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0365	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0375	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0380	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0385	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0390	Conc Barrier, Temp, Adj	8120080	460.000	Ft
0395	Conc Barrier, Temp, Furn	8120081	460.000	Ft
0400	Conc Barrier, Temp, Oper	8120082	460.000	Ft
0405	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0410	High Intensity Light, Type B, Oper	8120111	2.000	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	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,000.000	Ft
0435	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,000.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft
0445	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0450	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0455	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0460	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0465	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
0475	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0480	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0485	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Turf Establishment, Modified	8167011	850.000	Syd
0495	Conduit, Rem	8182000	60.000	Ft
0500	Conduit, DB, 1, 1 1/2 inch	8182048	60.000	Ft
0505	Hh, Adj	8182328	1.000	Ea
0510	Pedestal, Alum	8200100	4.000	Ea
0515	Pedestal, Fdn	8200105	4.000	Ea
0520	Pedestal Fdn, Rem	8200106	4.000	Ea
0525	Pedestal, Rem	8200110	4.000	Ea
0530	Pushbutton and Sign	8200121	4.000	Ea
0535	Pushbutton, Rem	8200122	7.000	Ea
0540	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
0545	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0550	TS, Pedestrian, One Way Bracket Arm Mtd	8200225	2.000	Ea
0555	TS, Pedestrian, One Way Pedestal Mtd	8200235	1.000	Ea
0560	TS Face, Bag	8200458	16.000	Ea

0565	TS Face, Bag, Rem	8200459	16.000	Ea
0570	Monument Box Adj	8210005	3.000	Ea
0575	Gate Box, Adj, Temp, Case 1	8230391	14.000	Ea
0580	Gate Box, Reconst, Case 1	8230411	4.000	Ea
0585	Gate Box, Adj, Case 1	8230431	14.000	Ea

---



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 022**Letting Date:** December 2, 2022**Contract ID:** 50000-212959**Description:** 2.30 mi of installation of pavement markings for shared-use path and signing along Lawrence Street, Van Dyke Avenue, Stephens Drive in the city of Center Line, Macomb County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212959A	22A1105	N/A	TAU 50000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$9,600.00	1100001	1.000	LSUM
0010	Band, Sign	8100010	9.000	Ea
0015	Post Hole Through Conc for Steel Post	8100340	7.000	Ea
0020	Post, Flexible, Delineator	8100360	111.000	Ea
0025	Post, Steel, 3 pound	8100371	390.000	Ft
0030	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0035	Sign, Type III, Rem	8100403	2.000	Ea
0040	Sign, Type IIIA	8100404	12.000	Sft
0045	Sign, Type IIIB	8100405	170.000	Sft
0050	Pavt Mrkg, Polyurea, 4 inch, White	8110091	3,350.000	Ft
0055	Pavt Mrkg, Polyurea, 6 inch, White	8110094	11,450.000	Ft
0060	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	42.000	Ea
0065	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	1,150.000	Ft
0070	Pavt Mrkg, Polyurea, Sharrow Sym	8110115	41.000	Ea
0075	Rem Spec Mrkg	8110343	228.000	Sft
0080	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0085	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	2.000	Ea
0090	Scarification, for Polyurea Spec Mrkg	8112159	2,374.000	Sft
0095	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	42.000	Ea
0100	_ Pavt Mrkg, Bike Lane, Green	8117010	180.000	Sft
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	350.000	Ft





11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 023**Letting Date:** December 2, 2022**Contract ID:** 03000-206321

**Description:** 0.26 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and ramps, drainage improvements and pavement markings on 40th Street from Industrial Avenue to US-31 in the city of Holland, Allegan County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206321A	22A0875	N/A	STUL 03000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Audio Video Route Survey	1077051	1.000	LSUM
0010	Mobilization, Max \$63,000.00	1100001	1.000	LSUM
0015	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	544.000	Ft
0025	Sewer, Rem, 24 inch to 48 inch	2030016	101.000	Ft
0030	_ Retaining Wall, Rem	2037050	1.000	Ea
0035	Curb and Gutter, Rem	2040020	25.000	Ft
0040	Guardrail, Rem	2040035	116.000	Ft
0045	Pavt, Rem	2040050	62.000	Syd
0050	Sidewalk, Rem	2040055	16.000	Syd
0055	Excavation, Earth	2050016	1,472.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0075	Erosion Control, Silt Fence	2080036	630.000	Ft
0080	_ Aggregate Base, 21AA, 8 inch, Modified	3027011	5,082.000	Syd
0085	Maintenance Gravel	3060020	100.000	Ton
0090	Shld, CI II	3070121	92.000	Ton
0095	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0100	Culv, Reinf Conc Ellip, HE CI II, 48 inch by 76 inch	4010863	56.000	Ft
0105	Outfall Label	4011115	1.000	Ea
0110	Sewer, CI A, 12 inch, Tr Det A	4020004	59.000	Ft
0115	Sewer, CI E, 12 inch, Tr Det B	4020600	1,076.000	Ft
0120	Sewer, CI E, 48 inch, Tr Det B	4020607	374.000	Ft
0125	Sewer Tap, 12 inch	4021204	5.000	Ea
0130	Sewer Tap, 15 inch	4021205	1.000	Ea
0135	Video Taping Sewer and Culv Pipe	4021275	1,509.000	Ft

0140	Dr Structure Cover, Type B	4030010	10.000	Ea
0145	Dr Structure Cover, Type E	4030035	2.000	Ea
0150	Dr Structure, 48 inch dia	4030210	8.000	Ea
0155	Dr Structure, 72 inch dia	4030230	3.000	Ea
0160	Dr Structure, 96 inch dia	4030234	1.000	Ea
0165	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0170	Dr Structure, Temp Lowering	4030390	3.000	Ea
0175	_ Sleeve, 6 inch PVC	4037001	33.000	Ft
0180	_ Yard Drain Connection	4037001	100.000	Ft
0185	_ Sanitary Structure Frame and Cover	4037050	4.000	Ea
0190	Underdrain, Fdn, 6 inch	4040033	200.000	Ft
0195	Cold Milling HMA Surface	5010002	820.000	Syd
0200	HMA Surface, Rem	5010005	4,076.000	Syd
0205	Hand Patching	5010025	25.000	Ton
0210	HMA, 4EML	5012025	758.000	Ton
0215	HMA, 5EML	5012037	751.000	Ton
0220	Reinforcement, Steel, Culv and Headwall	7060091	100.000	Lb
0225	Conc, Grade 3500	7062001	5.000	Cyd
0230	Joint Waterproofing	7100001	200.000	Sft
0235	Driveway, Nonreinf Conc, 6 inch	8010005	62.000	Syd
0240	Curb and Gutter, Conc, Det F4	8020038	11.000	Ft
0245	_ Concrete Washout Area	8027050	1.000	Ea
0250	Curb Ramp Opening, Conc	8030030	14.000	Ft
0255	Sidewalk, Conc, 4 inch	8030044	46.000	Sft
0260	Curb Ramp, Conc, 6 inch	8032002	139.000	Sft
0265	_ Detectable Warning Surface, Modified	8037001	12.000	Ft
0270	_ Post, Mailbox, Modified	8077050	6.000	Ea
0275	Post, Steel, 3 pound	8100371	16.000	Ft
0280	Sign, Type III, Rem	8100403	1.000	Ea
0285	Sign, Type IIIB	8100405	8.000	Sft
0290	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,494.000	Ft
0295	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,532.000	Ft
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0305	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0310	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0315	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0325	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0330	Sign Cover	8120310	5.000	Ea
0335	Sign, Type B, Temp, Prismatic, Furn	8120350	186.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	186.000	Sft
0345	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	8.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	8.000	Sft

0355	Traf Regulator Control	8120370	1.000	LSUM
0360	Riprap, Plain	8130010	77.000	Syd
0365	Mulch Blanket	8160027	1,432.000	Syd
0370	_ Restoration	8167051	1.000	LSUM
0375	_ Modular Block Retaining Walk (Large Block)	8507010	360.000	Sft

---



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 024**Letting Date:** December 2, 2022**Contract ID:** 19042-208874

**Description:** Bridge rehabilitation including deep concrete overlay, expansion joint replacement, deck, barrier and substructure patching, prestressed concrete I-beam end blockout, substructure surface sealer, concrete surface coating, slope protection repairs and approach work on I-69 over Peacock Road, Clinton County. This project includes a 2 year concrete surface coating warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208874A	23A0046	N/A	IM 19042

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$155,700.00	1100001	1.000	LSUM
0010	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0015	Guardrail, Rem	2040035	152.000	Ft
0020	Pavt, Rem	2040050	628.000	Syd
0025	Embankment, CIP	2050010	10.000	Cyd
0030	Excavation, Earth	2050016	51.000	Cyd
0035	Erosion Control, Silt Fence	2080036	175.000	Ft
0040	Project Cleanup	2090001	1.000	LSUM
0045	Subbase, CIP	3010002	60.000	Cyd
0050	Aggregate Base, 6 inch	3020016	540.000	Syd
0055	Aggregate Base, 9 inch	3020022	50.000	Syd
0060	Aggregate Base, 12 inch	3020030	10.000	Syd
0065	Shld, CI II, 6 inch	3070128	9.000	Syd
0070	Culv, Downspout, 12 inch	4010795	10.000	Ft
0075	Pavt, Cleaning	5010001	1.000	LSUM
0080	HMA Surface, Rem	5010005	7.000	Syd
0085	Joint, Expansion, E3	6020208	229.000	Ft
0090	Joint, Pressure Relief	6020213	179.000	Ft
0095	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	590.000	Syd
0100	Joint, Expansion, Erg	6030021	176.000	Ft
0105	Curb and Gutter, Bridge Approach, Det 1	8022010	33.000	Ft
0110	Curb and Gutter, Bridge Approach, Det 3	8022012	59.000	Ft
0115	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0120	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0125	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0130	Guardrail Reflector	8070080	18.000	Ea
0135	Guardrail, Type T, 84 inch Post	8072175	38.000	Ft

0140	Guardrail, Type MGS-8, 72 inch Post	8072179	550.000	Ft
0145	Delineator Reflector, Green	8100133	5.000	Ea
0150	Post, Rigid, Delineator	8100361	5.000	Ea
0155	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	900.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	900.000	Ft
0165	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,040.000	Ft
0170	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0175	Recessing Pavt Mrkg, Longit	8110450	9,440.000	Ft
0180	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	5,820.000	Ft
0185	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	4,660.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0200	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0205	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0210	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0215	Conc Barrier Reflector Replacement	8120070	14.000	Ea
0220	Conc Barrier, Temp, Adj	8120080	682.000	Ft
0225	Conc Barrier, Temp, Furn	8120081	694.000	Ft
0230	Conc Barrier, Temp, Oper	8120082	694.000	Ft
0235	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0240	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0245	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0255	Ltg for Night Work	8120160	1.000	LSUM
0260	Minor Traf Devices	8120170	1.000	LSUM
0265	Mobile Attenuator	8120180	2.000	Ea
0270	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	14,300.000	Ft
0275	Plastic Drum, Fluorescent, Furn	8120252	220.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	220.000	Ea
0285	Sign Cover	8120310	10.000	Ea
0290	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
0295	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0300	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0305	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,280.000	Sft
0315	Sign, Type B, Temp, Prismatic, Oper	8120351	1,280.000	Sft
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	8,100.000	Ft
0325	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	15,250.000	Ft
0330	Speed Radar Trailer, Temp	8122028	2.000	Ea
0335	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,296.000	Ft

0340	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
0345	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0350	Slope Restoration, Freeway, Type E	8162017	80.000	Syd
0355	Contractor Staking	8240001	1.000	LSUM
0360	Staking Plan Errors and Extras, Max \$180/hour	8240002	13.000	Hr

**Section: 2**

0365	Backfill, Structure, CIP	2060002	3.000	Cyd
0370	Excavation, Fdn	2060010	3.000	Cyd
0375	HMA Patch, Rem	5010006	22.000	Syd
0380	Bridge Ltg, Furn and Rem (S14 of 19042)	7060001	1.000	LSUM
0385	Bridge Ltg, Furn and Rem (S15 of 19042)	7060001	1.000	LSUM
0390	Bridge Ltg, Oper and Maintain	7060002	165.000	Cyd
0395	Expansion Joint Device	7060050	240.000	Ft
0400	False Decking	7060060	13,044.000	Sft
0405	Reinforcement, Steel, Epoxy Coated	7060092	8,072.000	Lb
0410	Sealing Localized Cracks (S14 of 19042)	7060220	1.000	LSUM
0415	Sealing Localized Cracks (S15 of 19042)	7060220	1.000	LSUM
0420	Conc, Grade 4500HP	7062004	36.000	Cyd
0425	Metal Mesh Panels	7070120	5,682.000	Sft
0430	Joint Waterproofing	7100001	372.000	Sft
0435	Conc Surface Coating, Warranty (S14 of 19042)	7100009	1.000	LSUM
0440	Conc Surface Coating, Warranty (S15 of 19042)	7100009	1.000	LSUM
0445	Substructure Horizontal Surface Sealer (S14 of 19042)	7100030	45.000	Syd
0450	Substructure Horizontal Surface Sealer (S15 of 19042)	7100030	45.000	Syd
0455	_ Silane Treatment	7107010	2,936.000	Sft
0460	Hand Chipping, Other Than Deck	7120007	40.000	Cft
0465	Patch, Full Depth	7120010	1.000	Cyd
0470	Patch, Forming	7120017	155.000	Sft
0475	Bridge Deck Surface Construction	7120025	1,428.000	Syd
0480	Conc, Silica Fume Modified	7120027	129.000	Cyd
0485	Deck Joint, Rem	7120071	248.000	Ft
0490	Latex Conc Surface, Rem	7120072	1,428.000	Syd
0495	Hydrodemolition, First Pass	7120076	1,428.000	Syd
0500	Hydrodemolition, 2nd Pass	7120077	144.000	Syd
0505	Flushing Cracks, Water	7120098	40.000	Ft
0510	Structural Crack, Repr	7120099	40.000	Ft
0515	Patching Conc, C-L	7120112	3.000	Cyd
0520	Hand Chipping, Full Depth	7122000	9.000	Cft
0525	_ Hand Chipping, Spec	7127010	72.000	Sft
0530	_ Latex Modified Conc, Spec	7127021	3.000	Cyd
0535	Support, Column, Temp	7130080	1.000	Ea
0540	Slope Paving, Conc	8130020	10.000	Syd



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 025

**Letting Date:** December 2, 2022

**Contract ID:** 04012-213188

**Description:** 19.51 mi of single course chip seal with fog seal on M-33 from north of Home Drive to north of Island Lake Road and on M-65 from north of M-32 to south of Detour Street, Oscoda, Alpena and Presque Isle Counties. This project includes a 2-year single chip seal pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213188A	23A0049	N/A	ST 04012

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$129,900.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0015	_ Shld, CI II, Modified	3077031	1,714.000	Ton
0020	Overband Crack Fill, Lane	5020003	39.100	Lnmi
0025	Seal, Fog	5050015	351,387.000	Syd
0030	Chip Seal, Single, Warranty	5050040	351,387.000	Syd
0035	Pavt Mrkg, Waterborne, 6 inch, White	8110233	205,800.000	Ft
0040	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	49,020.000	Ft
0045	Rem Spec Mrkg	8110343	513.000	Sft
0050	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0055	Protective Ovly, Snowmobile Trail Crossing	8110550	57.000	Syd
0060	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	205,800.000	Ft
0065	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	8112148	49,020.000	Ft
0070	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,450.000	Ea
0075	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,450.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0085	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	2,900.000	Ea
0100	Sign Cover	8120310	15.000	Ea
0105	Sign, Type B, Temp, Prismatic, Furn	8120350	3,309.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	3,309.000	Sft
0115	Traf Regulator Control	8120370	1.000	LSUM
0120	_ Automated Flagger Assistance Device	8127050	2.000	Ea
0125	_ Pilot Car	8127051	1.000	LSUM



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 026

**Letting Date:** December 2, 2022

**Contract ID:** 14121-214939

**Description:** 14.79 mi of hot mix asphalt cold milling and resurfacing, full depth concrete pavement repairs and pavement markings on US-12 from east of M-139 continuing on M-60 to west of Leet Road, Berrien and Cass Counties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214939A	23A0048	N/A	NH 14121

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$493,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	50.000	Ft
0015	Pavt, Rem	2040050	567.000	Syd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0025	_ Trenching, Spec	3077002	170.000	Sta
0030	_ Shld, CI III, 1 inch	3077011	3,280.000	Syd
0035	Cold Milling HMA Surface	5010002	4,928.000	Syd
0040	HMA Quality Initiative	5010007	5,568.000	Dlr
0045	Hand Patching	5010025	25.000	Ton
0050	HMA Approach	5010061	228.000	Ton
0055	HMA, 4EML	5012025	2,531.000	Ton
0060	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	567.000	Syd
0065	Joint, Contraction, Cp	6020200	3,748.000	Ft
0070	Joint, Expansion, E2	6020207	110.000	Ft
0075	Cement	6030005	411.000	Ton
0080	Joint, Contraction, Crg	6030020	82,536.000	Ft
0085	Joint, Expansion, Erg	6030021	1,700.000	Ft
0090	Lane Tie, Epoxy Anchored	6030030	8,920.000	Ea
0095	Non-Chloride Accelerator	6030035	17,458.000	Gal
0100	Pavt Repr, Nonreinf Conc, 10 inch	6030048	29,758.000	Syd
0105	Pavt Repr, Rem	6030080	29,758.000	Syd
0110	Saw Cut, Intermediate	6030090	11,544.000	Ft
0115	_ Joint, Tied, 2.5 foot	6037001	3,875.000	Ft
0120	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch	6037011	1,094.000	Syd
0125	_ Pavt Repr, 2.5 foot, Rem	6037011	1,094.000	Syd
0130	Curb and Gutter, Conc, Det F5	8020039	50.000	Ft
0135	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	145.000	Ft



0140	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	2.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0155	Pavt Mrkg, Waterborne, 6 inch, White	8110233	104,100.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	84,400.000	Ft
0165	Pavt Mrkg, Waterborne, 12 inch, White	8110237	6,200.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	8,400.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	7,500.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	6,200.000	Ft
0185	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	80.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	80.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,300.000	Ea
0205	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,300.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0215	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0225	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0235	Sign Cover	8120310	15.000	Ea
0240	Sign Cover, Type I	8120320	6.000	Ea
0245	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0250	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0255	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
0260	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0265	Sign, Type B, Temp, Prismatic, Furn	8120350	2,800.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	2,800.000	Sft
0275	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0280	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0285	Traf Regulator Control	8120370	1.000	LSUM
0290	Speed Radar Trailer, Temp	8122028	2.000	Ea
0295	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	144.000	Ft
0300	Slope Restoration, Non-Freeway, Type B	8162002	50.000	Syd
0305	Contractor Staking	8240001	1.000	LSUM
0310	Staking Plan Errors and Extras, Max \$180/hour	8240002	54.000	Hr



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 027

**Letting Date:** December 2, 2022

**Contract ID:** 47013-216806

**Description:** 7.46 mi of tree removals, clearing and fence removal and replacement on US-23 from south of M-36 to north of Spencer Road, Livingston County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216806A	23A0050	N/A	NH 47013

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$54,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	9.010	Acre
0015	Clearing, Fence	2010002	64.000	Sta
0020	_ Clearing, Fence, Spec	2017002	6.000	Sta
0025	_ Clearing, Spec	2017012	0.450	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	17.000	Ea
0035	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	143.000	Ea
0045	Fence, Rem	2040025	37,391.000	Ft
0050	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0055	Erosion Control, Silt Fence	2080036	5,139.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0065	Fence, Woven Wire with Wood Post	8080001	617.000	Ft
0070	Fence, Woven Wire with Steel Post	8080002	35,703.000	Ft
0075	Fence, Temp	8080004	354.000	Ft
0080	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0085	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Plastic Drum, Fluorescent, Furn	8120252	197.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	197.000	Ea
0105	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0110	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	640.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	640.000	Sft
0125	Traf Regulator Control	8120370	1.000	LSUM
0130	_ Horticultural Work	8157040	80.000	Hr
0135	Mulch	8160025	43,609.000	Syd

0140	Mulch Anchoring	8160026	43,609.000	Syd
0145	Seeding, Mixture THV	8160040	1,600.000	Lb
0150	Contractor Staking	8240001	1.000	LSUM
0155	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr

---



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 028

**Letting Date:** December 2, 2022

**Contract ID:** 03034-212774

**Description:** Landscaping including plantings and edging installation at the Saugatuck rest area on I-196, Allegan County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212774A	N/A	N/A	M 03034

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$5,900.00	1100001	1.000	LSUM
0010	Erosion Control, Silt Fence	2080036	30.000	Ft
0015	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0020	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0025	Minor Traf Devices	8120170	1.000	LSUM
0030	Site Preparation, Max \$10,200.00	8150001	1.000	LSUM
0035	Watering and Cultivating, First Season, Min \$5,000.00	8150002	1.000	LSUM
0040	Watering and Cultivating, 2nd Season, Min \$6,100.00	8150003	1.000	LSUM
0045	Acer saccharum, 2 inch	8150192	14.000	Ea
0050	Amelanchier canadensis, tree form, 2 inch	8150320	6.000	Ea
0055	Calamagrostis x acutiflora 'Karl Foerster', # 1 cont.	8150603	25.000	Ea
0060	Catalpa speciosa, 2 inch	8150767	8.000	Ea
0065	Cornus sericea, #3 cont.	8151063	27.000	Ea
0070	Hosta 'Variety', #3 cont.	8151784	18.000	Ea
0075	Liriodendron tulipifera, 2 inch	8152177	8.000	Ea
0080	Nepeta x faassenii 'Walkers Low', #2 cont.	8152497	27.000	Ea
0085	Picea abies, 8 foot	8152743	9.000	Ea
0090	Quercus alba, 2 inch	8153031	9.000	Ea
0095	Viburnum p.f. tomentosum 'Mariesii', #3 cont.	8154113	40.000	Ea
0100	_ Steel Landscape Edging, 4 inch	8157001	300.000	Ft
0105	_ Buxus x 'Winter Gem', #3 Cont.	8157050	7.000	Ea
0110	_ Matteuccia struthiopteris, #1 Cont.	8157050	24.000	Ea
0115	_ Salvia nemorosa 'Caradonna', #1 Cont.	8157050	23.000	Ea
0120	_ Thuja plicata 'Green Giant', 4 foot	8157050	3.000	Ea
0125	_ Thuja plicata 'Green Giant', 6 foot	8157050	6.000	Ea



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 029**Letting Date:** December 2, 2022**Contract ID:** 70016-212951

**Description:** 0.50 mi of culvert replacement with a precast concrete box 15 foot by 12 foot including road reconstruction, drainage, guardrail and pavement markings on US-31 over the tributary to Smith Bayou in the village of Spring Lake, Ottawa County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212951A	23A0076	N/A	NH 70016

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$286,500.00	1100001	1.000	LSUM
0010	Clearing, Fence	2010002	3.000	Sta
0015	Tree, Rem, 6 inch to 18 inch	2020004	22.000	Ea
0020	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0025	Dr Structure, Rem	2030011	3.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	142.000	Ft
0035	Sewer, Rem, 24 inch to 48 inch	2030016	216.000	Ft
0040	Conc Barrier, Rem	2040010	108.000	Ft
0045	Fence, Rem	2040025	253.000	Ft
0050	Guardrail, Rem	2040035	172.000	Ft
0055	Structures, Rem	2040060	1.000	LSUM
0060	Excavation, Earth	2050016	2,876.000	Cyd
0065	_ Embankment, CIP, Spec	2057021	78.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0075	Erosion Control, Silt Fence	2080036	453.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0085	Subbase, CIP	3010002	949.000	Cyd
0090	Aggregate Base, 8 inch	3020020	1,640.000	Syd
0095	Shld, CI II, 8 inch	3070130	52.000	Syd
0100	Road Grade Biaxial Geogrid	3082002	1,286.000	Syd
0105	Culv End Sect, 18 inch	4010018	1.000	Ea
0110	Culv End Sect, Footing	4010072	1.000	Ea
0115	Dr Marker Post	4011109	1.000	Ea
0120	Outfall Label	4011115	1.000	Ea
0125	Sewer, CI A, 12 inch, Tr Det B	4020033	35.000	Ft
0130	Sewer, CI A, 18 inch, Tr Det B	4020035	84.000	Ft
0135	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea

0140	Dr Structure Cover, Type B	4030010	1.000	Ea
0145	Dr Structure Cover, Type DX	4030030	2.000	Ea
0150	Dr Structure, 48 inch dia	4030210	2.000	Ea
0155	Dr Structure, 72 inch dia	4030230	1.000	Ea
0160	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	3.000	Ft
0165	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0170	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0175	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0185	HMA Surface, Rem	5010005	1,593.000	Syd
0190	HMA Quality Initiative	5010007	1,332.000	Dlr
0195	Longit Joint Density Quality Initiative	5010018	1,062.000	Dlr
0200	HMA Approach	5010061	666.000	Ton
0205	_ Conc Barrier, Double Face, Type A, Modified	8047001	108.000	Ft
0210	_ Glare Screen, Conc, Modified	8047001	108.000	Ft
0215	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0220	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0225	Guardrail Reflector	8070080	20.000	Ea
0230	Guardrail, Long Span, Det MGS-3	8072123	2.000	Ea
0235	Guardrail, Type MGS-8, 72 inch Post	8072179	738.000	Ft
0240	_ Hand Digging Guardrail Post	8077050	2.000	Ea
0245	Fence, Woven Wire with Steel Post	8080002	378.000	Ft
0250	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0255	Recessing Pavt Mrkg, Longit	8110450	3,160.000	Ft
0260	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	2,000.000	Ft
0265	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	1,160.000	Ft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	51.000	Ea
0275	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	51.000	Ea
0280	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0285	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0290	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0295	Conc Barrier Reflector Replacement	8120070	4.000	Ea
0300	Conc Barrier, Temp, Adj	8120080	489.000	Ft
0305	Conc Barrier, Temp, Furn	8120081	2,134.000	Ft
0310	Conc Barrier, Temp, Oper	8120082	2,134.000	Ft
0315	Tubular Marker	8120097	44.000	Ea
0320	Tubular Marker, Replacement	8120098	6.000	Ea
0325	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0330	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0335	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0345	Ltg for Night Work	8120160	1.000	LSUM
0350	Minor Traf Devices	8120170	1.000	LSUM

0355	Mobile Attenuator	8120180	1.000	Ea
0360	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,890.000	Ft
0365	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	530.000	Ft
0370	Plastic Drum, Fluorescent, Furn	8120252	169.000	Ea
0375	Plastic Drum, Fluorescent, Oper	8120253	169.000	Ea
0380	Sign Cover	8120310	12.000	Ea
0385	Sign Cover, Type I	8120320	2.000	Ea
0390	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
0395	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0400	Sign, Type A, Temp, Prismatic, Furn	8120340	32.000	Sft
0405	Sign, Type A, Temp, Prismatic, Oper	8120341	32.000	Sft
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	3,870.000	Sft
0415	Sign, Type B, Temp, Prismatic, Oper	8120351	3,870.000	Sft
0420	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	570.000	Sft
0425	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	570.000	Sft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	7,530.000	Ft
0435	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	9,110.000	Ft
0440	Speed Radar Trailer, Temp	8122028	2.000	Ea
0445	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,296.000	Ft
0450	Reflective Panel for Temp Sign Support, Furn	8122198	4.000	Ea
0455	Reflective Panel for Temp Sign Support, Oper	8122199	4.000	Ea
0460	_ Traf Speed Sensor, Portable, Temp	8127050	4.000	Ea
0465	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0470	Riprap, Plain	8130010	8.000	Syd
0475	Riprap, Plain	8130011	542.000	Ton
0480	_ Riprap, Inside Culvert, Plain	8137031	384.000	Ton
0485	Site Preparation, Max \$800.00	8150001	1.000	LSUM
0490	Watering and Cultivating, First Season, Min \$400.00	8150002	1.000	LSUM
0495	Watering and Cultivating, 2nd Season, Min \$500.00	8150003	1.000	LSUM
0500	Picea abies, 4 foot	8152740	8.000	Ea
0505	Slope Restoration, Freeway, Type D	8162016	884.000	Syd
0510	Freeway Shld Corrugations, Milled, HMA	8222001	233.000	Ft
0515	Contractor Staking	8240001	1.000	LSUM
0520	Staking Plan Errors and Extras, Max \$180/hour	8240002	31.000	Hr

**Section: 2**

0525	Backfill, Structure, CIP	2060002	3,297.000	Cyd
0530	Aggregate	2060005	338.000	Cyd
0535	Excavation, Fdn	2060010	5,906.000	Cyd
0540	Geotextile, Separator, Non-Woven	3082000	978.000	Syd
0545	Underdrain, Fdn, 6 inch	4040033	429.000	Ft

---

0550	Culv Bedding, Box Culv	4060005	194.000	Cyd
0555	_ Culv, Precast Conc Box, 15 foot by 12 foot	4067001	170.000	Ft
0560	_ Cofferdam, Left In Place, Spec (C01 of 70016)	7047051	1.000	LSUM
0565	Liner, PVC, 30 mil	7060209	862.000	Syd
0570	Joint Waterproofing	7100001	230.000	Sft

---





**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 030

**Letting Date:** December 2, 2022

**Contract ID:** 51011-210867

**Description:** Upgrade signal detection with hemispherical cameras and install pedestrian pushbuttons and sidewalk ramp upgrades on various routes in the city of Lake City, Antrim, Benzie, Manistee and Missaukee Counties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210867A	23A0033	N/A	NH 51011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, Great Lakes Central Railroad	1027060	2,500.000	Dir
0010	Mobilization, Max \$34,500.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	147.000	Ft
0020	Sidewalk, Rem	2040055	119.000	Syd
0025	Excavation, Earth	2050016	16.000	Cyd
0030	Subbase, CIP	3010002	16.000	Cyd
0035	HMA Surface, Rem	5010005	50.000	Syd
0040	Hand Patching	5010025	12.000	Ton
0045	Curb and Gutter, Conc, Det B2	8020016	76.000	Ft
0050	Curb and Gutter, Conc, Det F4	8020038	12.000	Ft
0055	Curb Ramp Opening, Conc	8030030	62.000	Ft
0060	Sidewalk, Clay Brick Pavers, Rem	8030051	6.000	Sft
0065	Curb Ramp, Conc, 6 inch	8032002	141.000	Sft
0070	_ Detectable Warning Surface, Metal	8037001	48.000	Ft
0075	Band, Sign	8100010	10.000	Ea
0080	Sign, Type III, Rem	8100403	4.000	Ea
0085	Sign, Type IIIA	8100404	9.000	Sft
0090	Sign, Type IIIB	8100405	13.000	Sft
0095	Ground Mtd Sign Support, Rem	8102010	1.000	Ea
0100	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	780.000	Ft
0105	Rem Spec Mrkg	8110343	104.000	Sft
0110	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0125	Minor Traf Devices	8120170	1.000	LSUM
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	330.000	Sft
0135	Sign, Type B, Temp, Prismatic, Oper	8120351	330.000	Sft

0140	Slope Restoration, Non-Freeway, Type A	8162001	20.000	Syd
0145	_ Turf Establishment, Performance	8167011	41.000	Syd
0150	Conduit, DB, 1, 1 1/2 inch	8182048	195.000	Ft
0155	Conduit, DB, 3, 3 inch	8182056	10.000	Ft
0160	Hh, Round	8182310	2.000	Ea
0165	Hh, Rem	8182330	2.000	Ea
0170	Case Sign (LED), Changeable Message, One Way, 24 inch by 30 inch	8200017	1.000	Ea
0175	Pedestal, Alum	8200100	21.000	Ea
0180	Pedestal, Fdn	8200105	16.000	Ea
0185	Pedestal Fdn, Rem	8200106	1.000	Ea
0190	Pedestal, Rem	8200110	6.000	Ea
0195	Pushbutton and Sign	8200121	26.000	Ea
0200	Pushbutton, Rem	8200122	8.000	Ea
0205	Loop Detector, Rem	8200173	4.000	Ea
0210	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0215	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	9.000	Ea
0220	TS, Pedestrian, Pedestal Mtd, Rem	8200181	12.000	Ea
0225	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
0230	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0235	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0240	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	27.000	Ea
0245	Bracket, Truss, With 9 Foot Arm	8200375	1.000	Ea
0250	Bracket, Truss, With 18 Foot Arm	8200378	6.000	Ea
0255	Video Traf Detection System, Rem	8200383	2.000	Ea
0260	Video Traf Detection Camera, Rem	8200384	4.000	Ea
0265	Bracket, Truss, Rem	8200388	3.000	Ea
0270	Wireless Vehicle Detection System, Rem	8200423	2.000	Ea
0275	Wireless Vehicle Sensor Node, Rem	8200426	20.000	Ea
0280	Hemispherical Video Detection Camera	8200444	7.000	Ea
0285	Hemispherical Video Detection System	8200445	6.000	Ea
0290	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 031

**Letting Date:** December 2, 2022

**Contract ID:** 41043-210053

**Description:** 3.70 mi of hot mix asphalt cold milling and resurfacing, construction of indirect left turn lanes and right turn lane, sidewalk ramp improvements, guardrail and pavement markings on M-21 from I-96 easterly to Grand River Road, Kent County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210053A	23A0077	N/A	NH 41043

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$534,200.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0015	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0020	Curb and Gutter, Rem	2040020	935.000	Ft
0025	Sidewalk, Rem	2040055	240.000	Syd
0030	Embankment, CIP	2050010	245.000	Cyd
0035	Excavation, Earth	2050016	4,796.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0050	_ Embankment, CIP, Spec	2057021	4,800.000	Cyd
0055	Erosion Control, Check Dam, Stone	2080012	74.000	Ft
0060	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0070	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0075	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0080	Erosion Control, Sediment Trap	2080034	1.000	Ea
0085	Erosion Control, Silt Fence	2080036	2,032.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0095	Subbase, CIP	3010002	2,421.000	Cyd
0100	Aggregate Base, 3 inch	3020008	79.000	Syd
0105	Aggregate Base, 6 inch	3020016	4,681.000	Syd
0110	Shld, CI II, 6 inch	3070128	804.000	Syd
0115	Culv End Sect, Footing	4010072	4.000	Ea
0120	Culv, CI A, 18 inch	4010133	200.000	Ft
0125	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	4.000	Ea
0130	Dr Marker Post	4011109	8.000	Ea
0135	Video Taping Sewer and Culv Pipe	4021275	100.000	Ft

0140	Dr Structure Cover, Adj, Case 1	4030005	11.000	Ea
0145	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0150	Dr Structure, Temp Lowering	4030390	12.000	Ea
0155	Underdrain, Subbase, 6 inch	4040063	200.000	Ft
0160	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0165	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0170	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0175	Cold Milling HMA Surface	5010002	184,374.000	Syd
0180	Bump Grinding	5010004	500.000	Syd
0185	HMA Surface, Rem	5010005	4,483.000	Syd
0190	HMA Quality Initiative	5010007	58,514.000	Dlr
0195	Longit Joint Density Quality Initiative	5010018	68,600.000	Dlr
0200	HMA Approach	5010061	1,591.000	Ton
0205	HMA Approach, High Stress	5010520	132.000	Ton
0210	HMA, 4EML	5012025	12,016.000	Ton
0215	HMA, 5EML	5012037	12,770.000	Ton
0220	HMA, 4EML, High Stress	5012073	2,148.000	Ton
0225	HMA, 5EML, High Stress	5012085	1,918.000	Ton
0230	Curb and Gutter, Conc, Det B2	8020016	1,106.000	Ft
0235	Curb and Gutter, Conc, Det C6	8020025	113.000	Ft
0240	Shld Gutter, Conc, Det 2	8020056	9.000	Ea
0245	Spillway, Conc	8020075	146.000	Ft
0250	Detectable Warning Surface	8030010	93.000	Ft
0255	Curb Ramp Opening, Conc	8030030	118.000	Ft
0260	Sidewalk, Conc, 4 inch	8030044	1,529.000	Sft
0265	Sidewalk, Conc, 6 inch	8030046	720.000	Sft
0270	Curb Ramp, Conc, 6 inch	8032002	667.000	Sft
0275	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0280	Guardrail Departing Terminal, Type MGS	8070052	10.000	Ea
0285	Guardrail, Salv	8070075	2,694.000	Ft
0290	Guardrail Reflector	8070080	109.000	Ea
0295	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0300	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	38.000	Ft
0305	Guardrail, Type MGS-8, 72 inch Post	8072179	939.000	Ft
0310	Guardrail, Type MGS-8, 108 inch Post	8072180	1,863.000	Ft
0315	Delineator Reflector, Yellow	8100132	38.000	Ea
0320	Delineator Reflector, Green	8100133	12.000	Ea
0325	Delineator Reflector, White	8100134	6.000	Ea
0330	Fdn, Wood Support, Rem	8100280	4.000	Ea
0335	Delineator, Rem	8100349	24.000	Ea
0340	Post, Rigid, Delineator	8100361	56.000	Ea
0345	Post, Steel, 3 pound	8100371	912.000	Ft
0350	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0355	Post, Wood, 6 inch by 8 inch	8100382	64.000	Ft
0360	Sign, Type II, Rem	8100397	3.000	Ea

0365	Sign, Type IIA	8100398	95.000	Sft
0370	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0375	Sign, Type III, Rem	8100403	58.000	Ea
0380	Sign, Type IIIA	8100404	204.000	Sft
0385	Sign, Type IIIB	8100405	78.000	Sft
0390	Sign, Type VB	8100425	42.000	Sft
0395	Ground Mtd Sign Support, Rem	8102010	51.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	34.000	Ea
0405	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	13.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0415	Pavt Mrkg, Polyurea, 4 inch, White	8110091	17,300.000	Ft
0420	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	10,400.000	Ft
0425	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	468.000	Ft
0430	Pavt Mrkg, Polyurea, 6 inch, White	8110094	26,777.000	Ft
0435	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	18,470.000	Ft
0440	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	1,200.000	Ft
0445	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	220.000	Ft
0450	Rem Spec Mrkg	8110343	900.000	Sft
0455	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
0460	Recessing Pavt Mrkg, Longit	8110450	72,947.000	Ft
0465	Recessing Pavt Mrkg, Transv	8110451	1,888.000	Sft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0475	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0480	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0485	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	800.000	Ea
0490	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	800.000	Ea
0495	Delineator, Flexible, Temp, Furn	8120091	100.000	Ea
0500	Delineator, Flexible, Temp, Oper	8120092	100.000	Ea
0505	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0515	Ltg for Night Work	8120160	1.000	LSUM
0520	Minor Traf Devices	8120170	1.000	LSUM
0525	Pavt Mrkg Cover, Type R, Black	8120200	2,500.000	Ft
0530	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	35,000.000	Ft
0535	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	42,180.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	17,110.000	Ft
0545	Sign Cover	8120310	20.000	Ea
0550	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0555	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,099.000	Sft
0565	Sign, Type B, Temp, Prismatic, Oper	8120351	1,099.000	Sft

0570	Traf Regulator Control	8120370	1.000	LSUM
0575	Speed Radar Trailer, Temp	8122028	2.000	Ea
0580	Riprap, Plain	8130010	63.000	Syd
0585	Site Preparation, Max \$5,500.00	8150001	1.000	LSUM
0590	Watering and Cultivating, First Season, Min \$700.00	8150002	1.000	LSUM
0595	Watering and Cultivating, 2nd Season, Min \$800.00	8150003	1.000	LSUM
0600	Malus 'Sentinel', 1 1/2 inch	8152325	5.000	Ea
0605	Picea omorika, 4 foot	8152786	3.000	Ea
0610	Mulch Blanket	8160027	397.000	Syd
0615	_ Slope Restoration, Type A	8167011	10,863.000	Syd
0620	_ Slope Restoration, Type B	8167011	3,744.000	Syd
0625	_ Slope Restoration, Type C	8167011	900.000	Syd
0630	Conduit, DB, 1, 1 1/2 inch	8182048	25.000	Ft
0635	Conduit, DB, 3, 3 inch	8182056	25.000	Ft
0640	Hh, Polymer Conc	8182309	2.000	Ea
0645	_ Conduit, DB, 1, 1 inch	8187001	20.000	Ft
0650	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0655	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
0660	Hemispherical Video Detection Camera	8200444	1.000	Ea
0665	Hemispherical Video Detection System	8200445	1.000	Ea
0670	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
0675	Strain Pole Fdn, 6 Bolt	8200470	14.000	Ft
0680	Casing	8200480	11.000	Ft
0685	Non-Freeway Shld Corrugations, Milled, HMA	8220025	29,664.000	Ft
0690	Gate Box, Adj, Case 1	8230431	1.000	Ea
0695	Contractor Staking	8240001	1.000	LSUM
0700	Staking Plan Errors and Extras, Max \$180/hour	8240002	59.000	Hr
0705	Lightning Protection, Pole	8260021	1.000	Ea



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 032**Letting Date:** December 2, 2022**Contract ID:** 40023-213621**Description:** 14.20 mi of hot mix asphalt crack treatment, warranty and asphalt repair mastic on M-72, US-31, M-22 and US-131, Manistee, Leelanau, Grand Traverse, and Kalkaska Counties. This project includes a 2 year pavement performance warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213621A	23A0081	N/A	NH 83013

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$41,600.00	1100001	1.000	LSUM
0010	HMA Crack Treatment, Lane, Warranty	5020027	33.230	Lnmi
0015	_ Asphalt Repr Mastic	5027001	22,000.000	Ft
0020	Pavt Mrkg, Waterborne, 6 inch, White	8110233	173,667.000	Ft
0025	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	103,782.000	Ft
0030	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0035	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0040	Minor Traf Devices	8120170	1.000	LSUM
0045	Mobile Attenuator	8120180	1.000	Ea
0050	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0055	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0060	Sign Cover	8120310	9.000	Ea
0065	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0070	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	1,152.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	1,152.000	Sft
0085	Traf Regulator Control	8120370	1.000	LSUM
0090	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0095	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 033**Letting Date:** December 2, 2022**Contract ID:** 33045-202023**Description:** 0.05 mi of hot mix asphalt cold milling, resurfacing, traffic signal installation, sidewalk curb ramp upgrades, and pavement markings on WB I-496 at Pennsylvania Avenue in the City of Lansing, Ingham County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202023A	23A0075	N/A	HSIP 33045
217613A	N/A	N/A	M 33045

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Conc Quality Initiative	10000030	55.000	Dlr
0010	_ Railroad Protection, at Grade Crossing, CSX Transportation	1027060	15,000.000	Dlr
0015	Mobilization, Max \$35,600.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	108.000	Ft
0025	Pavt, Rem	2040050	46.000	Syd
0030	Sidewalk, Rem	2040055	64.000	Syd
0035	Embankment, CIP	2050010	104.000	Cyd
0040	Excavation, Earth	2050016	14.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0050	Aggregate Base, 4 inch	3020010	128.000	Syd
0055	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0060	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0065	Cold Milling HMA Surface	5010002	1,290.000	Syd
0070	HMA Surface, Rem	5010005	35.000	Syd
0075	HMA Quality Initiative	5010007	346.000	Dlr
0080	HMA Approach	5010061	173.000	Ton
0085	Conc Base Cse, Nonreinf, 10 inch	6020023	26.000	Syd
0090	Cold Milling Conc Pavt	6030014	220.000	Syd
0095	Lane Tie, Epoxy Anchored	6030030	66.000	Ea
0100	Curb and Gutter, Conc, Det F3	8020037	69.000	Ft
0105	Detectable Warning Surface	8030010	40.000	Ft
0110	Curb Ramp Opening, Conc	8030030	39.000	Ft
0115	Curb Ramp, Conc, 6 inch	8032002	918.000	Sft
0120	Fdn, Wood Support, Rem	8100280	2.000	Ea
0125	Post, Steel, 3 pound	8100371	28.000	Ft
0130	Post, Wood, 6 inch by 8 inch	8100382	36.000	Ft



0135	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0140	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0145	Sign, Type IIIB	8100405	6.000	Sft
0150	Sign, Type I, Rem, Salv	8102001	2.000	Ea
0155	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0160	Ground Mtd Sign Support, Rem	8102010	1.000	Ea
0165	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	324.000	Ft
0170	Pavt Mrkg, Polyurea, 6 inch, White	8110094	172.000	Ft
0175	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	123.000	Ft
0180	Rem Spec Mrkg	8110343	85.000	Sft
0185	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0190	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0195	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	1.000	Ea
0200	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0205	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0215	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0225	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	20.000	Ft
0230	Sign Cover	8120310	1.000	Ea
0235	Sign Cover, Type I	8120320	1.000	Ea
0240	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0245	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0250	Sign, Type A, Temp, Prismatic, Furn	8120340	27.000	Sft
0255	Sign, Type A, Temp, Prismatic, Oper	8120341	27.000	Sft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	505.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	505.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM
0275	_ Turf Establishment, Performance	8167011	107.000	Syd
0280	Conduit, Rem	8182000	50.000	Ft
0285	Conduit, DB, 1, 1 1/2 inch	8182048	140.000	Ft
0290	Conduit, DB, 3, 3 inch	8182056	40.000	Ft
0295	Conduit, DB, 4, 3 inch	8182059	20.000	Ft
0300	Conduit, DB, 1, 1 inch	8182060	10.000	Ft
0305	Cable, Rem	8182196	160.000	Ft
0310	Cable, Intercn, Rem	8182198	133.000	Ft
0315	Cable Pole, TS and Sec, Disman	8182209	1.000	Ea
0320	Cable Pole, TS, Disman	8182210	2.000	Ea
0325	Cable, Sec, 600V, 1, 3/C#6	8182238	200.000	Ft
0330	Hh, Polymer Conc	8182309	2.000	Ea
0335	Hh, Round	8182310	3.000	Ea
0340	Hh, Round, 3 foot dia	8182319	1.000	Ea
0345	Hh, Rem	8182330	2.000	Ea
0350	Serv Disconnect	8182366	1.000	Ea
0355	Serv Disconnect, Rem	8182367	1.000	Ea

0360	Case Sign, Rem	8200020	1.000	Ea
0365	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0370	Controller and Cabinet, Rem	8200030	1.000	Ea
0375	Controller Fdn, Base Mtd	8200045	1.000	Ea
0380	Global Positioning System Module	8200050	1.000	Ea
0385	Fdn, Rem	8200065	2.000	Ea
0390	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0395	Pedestal, Alum	8200100	4.000	Ea
0400	Pedestal, Fdn	8200105	4.000	Ea
0405	Pedestal Fdn, Rem	8200106	2.000	Ea
0410	Pedestal, Rem	8200110	2.000	Ea
0415	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dir
0420	Pushbutton and Sign	8200121	2.000	Ea
0425	Pushbutton, Rem	8200122	2.000	Ea
0430	Span Wire	8200140	3.000	Ea
0435	Span Wire, Rem	8200141	1.000	Ea
0440	Steel Pole, Rem	8200145	2.000	Ea
0445	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0450	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0455	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0460	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0465	Cabinet, NEMA Type	8200186	1.000	Ea
0470	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0475	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0480	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	1.000	Ea
0485	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0490	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0495	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0500	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0505	Emergency Pre-emption, Rem	8200415	3.000	Ea
0510	Emergency Pre-emption, Salv	8200416	3.000	Ea
0515	Hemispherical Video Detection Camera	8200444	1.000	Ea
0520	Hemispherical Video Detection System	8200445	1.000	Ea
0525	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0530	Strain Pole Fdn, 6 Bolt	8200470	62.000	Ft
0535	Casing	8200480	12.000	Ft
0540	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0545	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0550	Contractor Staking	8240001	1.000	LSUM
0555	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr
0560	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0565	Lightning Protection, Pole	8260021	1.000	Ea



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 034

**Letting Date:** December 2, 2022

**Contract ID:** 19000-213858

**Description:** 48.52 mi of overband crack seal at various locations on I-96, M-99, M-79, and M-50, Eaton and Ingham Counties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213858A	23A0080	N/A	ST 19000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$21,000.00	1100001	1.000	LSUM
0010	Overband Crack Fill, Lane	5020003	48.520	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	300.000	Ea
0030	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	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	8.000	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 B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0070	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0075	Traf Regulator Control	8120370	1.000	LSUM

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 035**Letting Date:** December 2, 2022**Contract ID:** 82081-211264

**Description:** 3.24 of hot mix asphalt fine textured cold milling and resurfacing, detail joint 7 and 8 repairs, sidewalk ramp upgrades, shoulder repairs, traffic signals and pavement markings on M-153 (Ford Road) from Napier Road easterly to west of Sheldon Road, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211264A	N/A	N/A	M 82081

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$321,800.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	327.000	Ft
0015	Sidewalk, Rem	2040055	288.000	Syd
0020	Subgrade Undercutting, Type IV	2050043	767.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0030	Aggregate Base, Conditioning	3020050	5,100.000	Syd
0035	Shld, CI II	3070121	2,400.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0045	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0050	Dr Structure, Cleaning	4030290	28.000	Ea
0055	Pavt, Cleaning	5010001	1.000	LSUM
0060	Bump Grinding	5010004	550.000	Syd
0065	HMA Surface, Rem	5010005	4,600.000	Syd
0070	HMA Quality Initiative	5010007	27,162.000	Dlr
0075	Longit Joint Density Quality Initiative	5010018	45,617.000	Dlr
0080	Pavt Joint and Crack Repr, Det 7	5010020	51,087.000	Ft
0085	Hand Patching	5010025	4,127.000	Ton
0090	HMA Approach	5010061	410.000	Ton
0095	Fine Textured Pavt Milling	5010100	91,785.000	Syd
0100	HMA, 4EML	5012025	702.000	Ton
0105	HMA, 5EML	5012037	8,342.000	Ton
0110	Lane Tie, Epoxy Anchored	6030030	53.000	Ea
0115	Detectable Warning Surface	8030010	184.000	Ft
0120	Curb Ramp Opening, Conc	8030030	327.000	Ft
0125	Curb Ramp, Conc, 4 inch	8032001	2,478.000	Sft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	26.000	Ea
0135	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	58.000	Ea

0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	32.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0150	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,500.000	Ft
0155	Pavt Mrkg, Polyurea, 6 inch, White	8110094	35,000.000	Ft
0160	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	35,000.000	Ft
0165	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	200.000	Ft
0170	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	800.000	Ft
0175	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	75.000	Ea
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	75.000	Ea
0190	Pedestrian Type II Barricade, Temp	8120026	60.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,000.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,000.000	Ea
0205	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Mobile Attenuator	8120180	2.000	Ea
0225	Part Width Intersection Construction	8120190	4.000	Ea
0230	Plastic Drum, Fluorescent, Furn	8120252	1,000.000	Ea
0235	Plastic Drum, Fluorescent, Oper	8120253	1,000.000	Ea
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	2,000.000	Ft
0245	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	24.000	Ea
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	28.000	Ea
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	360.000	Ft
0260	Sign Cover	8120310	30.000	Ea
0265	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	3,000.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	3,000.000	Sft
0285	Traf Regulator Control	8120370	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	36,960.000	Ft
0295	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	36,960.000	Ft
0300	Rumble Strip, Temp, Portable, Furn	8122188	6.000	Ea
0305	Rumble Strip, Temp, Portable, Oper	8122189	6.000	Ea
0310	Slope Restoration, Non-Freeway, Type A	8162001	1,467.000	Syd
0315	_ Turf Establishment, Performance	8167011	928.000	Syd
0320	Loop Detector, Rem	8200173	1.000	Ea
0325	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0330	Video Traf Detection System, Rem	8200383	1.000	Ea

0335	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0340	Bracket, Truss, Rem	8200388	1.000	Ea
0345	Hemispherical Video Detection Camera	8200444	1.000	Ea
0350	Hemispherical Video Detection System	8200445	1.000	Ea
0355	TS Face, Bag	8200458	8.000	Ea
0360	TS Face, Bag, Rem	8200459	8.000	Ea
0365	Protect Corners	8210020	4.000	Ea
0370	Contractor Staking	8240001	1.000	LSUM
0375	Staking Plan Errors and Extras, Max \$180/hour	8240002	35.000	Hr

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 036

**Letting Date:** December 2, 2022

**Contract ID:** 13033-208435

**Description:** 0.232 miles of hot mix asphalt resurfacing and guardrail reconstruction, bridge rehabilitation including deep overlay, partial deck replacement, expansion joint replacement, structural steel repair, substructure patching, concrete surface coating, full depth deck and steel repairs, signal work, lighting and approach work on M-96 (Columbia Avenue) over I-194 in the city of Battle Creek, Calhoun County. This project includes a 2 year concrete surface coating warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208435A	23A0078	N/A	IM 13033

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Conc Quality Initiative	10000030	3,824.000	Dir
0010	Mobilization, Max \$303,300.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.080	Acre
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0025	Curb and Gutter, Rem	2040020	1,541.000	Ft
0030	Guardrail, Rem	2040035	1,409.000	Ft
0035	Pavt, Rem	2040050	1,336.000	Syd
0040	Embankment, CIP	2050010	276.000	Cyd
0045	Excavation, Earth	2050016	1,226.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0055	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0065	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0070	Erosion Control, Silt Fence	2080036	683.000	Ft
0075	Subbase, CIP	3010002	1,451.000	Cyd
0080	Aggregate Base, 6 inch	3020016	3,120.000	Syd
0085	Shld, CI II	3070121	42.000	Ton
0090	Shld, CI II, 4 inch	3070126	350.000	Syd
0095	Shld, CI II, 7 inch	3070129	57.000	Syd
0100	Culv, Downspout, 12 inch	4010795	200.000	Ft
0105	Culv, Outlet Headwall, 12 inch	4012000	4.000	Ea
0110	Video Taping Sewer and Culv Pipe	4021275	200.000	Ft
0115	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0120	Dr Structure Cover, Type B	4030010	2.000	Ea
0125	Underdrain, Subbase, 6 inch	4040063	623.000	Ft

0130	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0135	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0140	Video Inspection of Underdrain	4040200	3,477.000	Ft
0145	HMA Surface, Rem	5010005	1,493.000	Syd
0150	HMA Quality Initiative	5010007	6,692.000	Dlr
0155	Pavt for Butt Joints, Rem	5010008	2,514.000	Syd
0160	Joint and Crack, Cleanout	5010015	8,000.000	Ft
0165	Longit Joint Density Quality Initiative	5010018	28,942.000	Dlr
0170	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0175	Hand Patching	5010025	60.000	Ton
0180	HMA Approach	5010061	865.000	Ton
0185	HMA, 3EML	5012013	130.000	Ton
0190	HMA, 4EML	5012025	2,291.000	Ton
0195	Micro-Surface, Longit	5042005	2,082.000	Ft
0200	Conc Base Cse, Nonreinf, 9 inch	6020021	1,378.000	Syd
0205	Joint, Contraction, Cp	6020200	2,256.000	Ft
0210	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	478.000	Syd
0215	Lane Tie, Epoxy Anchored	6030030	1,623.000	Ea
0220	Non-Chloride Accelerator	6030035	264.000	Gal
0225	Pavt Repr, Nonreinf Conc, 10 inch	6030048	502.000	Syd
0230	Pavt Repr, Rem	6030080	132.000	Syd
0235	Saw Cut, Intermediate	6030090	100.000	Ft
0240	Aesthetic Texturing	7062005	131.000	Syd
0245	Shld Gutter, Conc, Det 1	8020055	2.000	Ea
0250	Shld Gutter, Conc, Det 2	8020056	4.000	Ea
0255	Downspout Header, Conc	8020070	4.000	Ea
0260	Spillway, Conc	8020075	109.000	Ft
0265	Curb and Gutter, Bridge Approach, Det 5	8022016	55.000	Ft
0270	Curb and Gutter, Bridge Approach, Det 7	8022018	96.000	Ft
0275	_ Curb and Gutter, Conc, Det B1, Modified	8027001	750.000	Ft
0280	_ Curb and Gutter, Conc, Det D1, Modified	8027001	458.000	Ft
0285	Curb Slp, HMA	8050010	499.000	Ft
0290	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0295	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0300	Guardrail Reflector	8070080	37.000	Ea
0305	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0310	Guardrail, Type MGS-8, 72 inch Post	8072179	900.000	Ft
0315	Guardrail, Type MGS-8, 108 inch Post	8072180	315.000	Ft
0320	Band, Sign	8100010	2.000	Ea
0325	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0330	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
0335	Delineator Reflector, Red	8100131	7.000	Ea
0340	Delineator Reflector, Green	8100133	19.000	Ea
0345	Delineator Reflector, White	8100134	22.000	Ea
0350	Fdn, Wood Support, Rem	8100280	16.000	Ea



0355	Post, Rigid, Delineator	8100361	48.000	Ea
0360	Post, Steel, 3 pound	8100371	462.000	Ft
0365	Post, Wood, 4 inch by 6 inch	8100380	90.000	Ft
0370	Post, Wood, 6 inch by 8 inch	8100382	206.000	Ft
0375	Sign, Type I, Erect, Salv	8100390	3.000	Ea
0380	Sign, Type II, Erect, Salv	8100396	9.000	Ea
0385	Sign, Type II, Rem	8100397	6.000	Ea
0390	Sign, Type III, Erect, Salv	8100402	28.000	Ea
0395	Sign, Type III, Rem	8100403	6.000	Ea
0400	Sign, Type IIIB	8100405	5.000	Sft
0405	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0410	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0415	Sign, Type I, Rem, Salv	8102001	3.000	Ea
0420	Sign, Type II, Rem, Salv	8102002	9.000	Ea
0425	Sign, Type III, Rem, Salv	8102003	28.000	Ea
0430	Ground Mtd Sign Support, Rem	8102010	70.000	Ea
0435	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	1.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0445	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,420.000	Ft
0455	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	15,996.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	9,420.000	Ft
0465	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	15,996.000	Ft
0470	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,225.000	Ft
0475	Rem Spec Mrkg	8110343	48.000	Sft
0480	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0485	Recessing Pavt Mrkg, Longit	8110450	23,926.000	Ft
0490	Recessing Pavt Mrkg, Transv	8110451	375.000	Sft
0495	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	260.000	Ft
0500	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 12 inch, Yellow	8117001	375.000	Ft
0505	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	45.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	45.000	Ea
0515	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
0520	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
0525	Conc Barrier, Temp, Furn	8120081	1,220.000	Ft
0530	Conc Barrier, Temp, Oper	8120082	1,220.000	Ft
0535	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0540	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0545	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0555	Minor Traf Devices	8120170	1.000	LSUM
0560	Mobile Attenuator	8120180	2.000	Ea
0565	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	17,273.000	Ft

0570	Plastic Drum, Fluorescent, Furn	8120252	589.000	Ea
0575	Plastic Drum, Fluorescent, Oper	8120253	589.000	Ea
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	130.000	Ft
0585	Sign Cover	8120310	75.000	Ea
0590	Sign Cover, Type I	8120320	11.000	Ea
0595	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0600	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0605	Sign, Type A, Temp, Prismatic, Furn	8120340	314.000	Sft
0610	Sign, Type A, Temp, Prismatic, Oper	8120341	314.000	Sft
0615	Sign, Type B, Temp, Prismatic, Furn	8120350	4,352.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	4,352.000	Sft
0625	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	19,817.000	Ft
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	25,549.000	Ft
0635	Speed Radar Trailer, Temp	8122028	2.000	Ea
0640	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,296.000	Ft
0645	Conc Barrier-Mtd Temp Sign System, Furn	8122192	6.000	Ea
0650	Conc Barrier-Mtd Temp Sign System, Oper	8122193	6.000	Ea
0655	Riprap, Plain	8130010	29.000	Syd
0660	Fertilizer, Chemical Nutrient, CI A	8160020	105.000	Lb
0665	Mulch	8160025	2,212.000	Syd
0670	Mulch Anchoring	8160026	2,212.000	Syd
0675	Seeding, Mixture TUF	8160042	101.000	Lb
0680	Topsoil Surface, Furn, 4 inch	8160062	2,212.000	Syd
0685	_ Slope Restoration, Non-Phosphorous Fertilizer	8167011	50.000	Syd
0690	Conduit, Rem	8182000	10.000	Ft
0695	Conduit, DB, 1, 1 1/2 inch	8182048	45.000	Ft
0700	Conduit, DB, 3, 3 inch	8182056	35.000	Ft
0705	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0710	Conduit, DB, 1, 1 inch	8182060	80.000	Ft
0715	Conduit, Schedule 80, 1 inch	8182144	185.000	Ft
0720	DB Cable, in Conduit, 600V, 1/C#8	8182188	370.000	Ft
0725	Cable, Sec, Rem	8182199	30.000	Ft
0730	Cable Pole, TS and Sec, Disman	8182209	1.000	Ea
0735	Cable, Sec, 600V, 1, 3/C#6	8182238	30.000	Ft
0740	Cable, Equipment Grounding Wire, 1/C#8	8182292	185.000	Ft
0745	Hh, Polymer Conc	8182309	2.000	Ea
0750	Hh, Round	8182310	4.000	Ea
0755	Hh, Round, 3 foot dia	8182319	1.000	Ea
0760	Hh, Rem	8182330	1.000	Ea
0765	Wood Pole, Rem	8182363	3.000	Ea
0770	Serv Disconnect	8182366	1.000	Ea

0775	Serv Disconnect, Rem	8182367	1.000	Ea
0780	_ Gateway Light System	8197051	1.000	LSUM
0785	Case Sign, Rem	8200020	3.000	Ea
0790	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0795	Controller and Cabinet, Rem	8200030	1.000	Ea
0800	Controller Fdn, Base Mtd	8200045	1.000	Ea
0805	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0810	Span Wire	8200140	3.000	Ea
0815	Span Wire, Rem	8200141	3.000	Ea
0820	Span Wire Tether	8200142	3.000	Ea
0825	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0830	Cabinet, NEMA Type	8200186	1.000	Ea
0835	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0840	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0845	TS, Antenna, Rem	8200368	2.000	Ea
0850	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0855	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	1.000	Ea
0860	Hemispherical Video Detection Camera	8200444	1.000	Ea
0865	Hemispherical Video Detection System	8200445	1.000	Ea
0870	TS Head, Adj	8200452	9.000	Ea
0875	TS Face, Bag	8200458	4.000	Ea
0880	TS Face, Bag, Rem	8200459	4.000	Ea
0885	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0890	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
0895	Strain Pole Fdn, 6 Bolt	8200470	64.000	Ft
0900	Casing	8200480	52.000	Ft
0905	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0910	Backplate, TS	8200501	7.000	Ea
0915	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0920	Freeway Shld Corrugations, Milled, HMA	8222001	2,082.000	Ft
0925	Contractor Staking	8240001	1.000	LSUM
0930	Staking Plan Errors and Extras, Max \$180/hour	8240002	30.000	Hr
0935	Lightning Protection, Pole	8260021	1.000	Ea

---

**Section: 2**

0940	Asbestos Materials, Rem and Disposal	2040001	5,900.000	Dlr
0945	_ Liner, PVC, 15 mil, Spec	2087011	346.000	Syd
0950	HMA Patch, Rem	5010006	29.000	Syd
0955	Bridge Ltg, Furn and Rem (S02 of 13033)	7060001	1.000	LSUM
0960	Bridge Ltg, Oper and Maintain	7060002	219.000	Cyd
0965	Expansion Joint Device	7060050	322.000	Ft
0970	False Decking	7060060	7,046.000	Sft
0975	Reinforcement, Steel, Epoxy Coated	7060092	33,918.000	Lb
0980	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 13033)	7060112	1.000	LSUM

0985	Superstructure Conc, Night Casting, High Performance	7060117	66.000	Cyd
0990	Sealing Localized Cracks (S02 of 13033)	7060220	1.000	LSUM
0995	Conc, Grade 4500HP	7062004	54.000	Cyd
1000	Shear Developers (S02 of 13033)	7070040	1.000	LSUM
1005	Joint Waterproofing	7100001	245.000	Sft
1010	Conc Surface Coating, Warranty (S02 of 13033)	7100009	1.000	LSUM
1015	Substructure Horizontal Surface Sealer (S02 of 13033)	7100030	43.000	Syd
1020	_ Silane Treatment	7107010	3,478.000	Sft
1025	Reflective Marker, Permanent Barrier Supplemental Description	7110003	6.000	Ea
1030	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, High Performance	7112062	342.000	Ft
1035	Scarifying	7120001	1,196.000	Syd
1040	Hand Chipping, Other Than Deck	7120007	48.000	Cft
1045	Patch, Full Depth	7120010	14.000	Cyd
1050	Patch, Forming	7120017	192.000	Sft
1055	Bridge Deck Surface Construction	7120025	1,350.000	Syd
1060	Conc, Silica Fume Modified	7120027	153.000	Cyd
1065	Structures, Rehabilitation, Rem Portions (S02 of 13033)	7120070	1.000	LSUM
1070	Deck Joint, Rem	7120071	328.000	Ft
1075	Hydrodemolition, First Pass	7120076	1,196.000	Syd
1080	Hydrodemolition, 2nd Pass	7120077	48.000	Syd
1085	Top Flanges and Beam Ends, Clean and Coat	7120100	33.000	Syd
1090	Patching Conc, C-L	7120112	2.000	Cyd
1095	Embedded Galvanic Anode	7120120	820.000	Ea
1100	Hand Chipping, Full Depth	7122000	378.000	Cft
1105	_ Bridge Cleaning (S02 of 13033)	7127051	1.000	LSUM
1110	Beam Plate, Seal Perimeter	7130010	1,413.000	Ft
1115	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	466.000	Lb
1120	Steel Structure, Cleaning, Partial, Type 4 (S02 of 13033)	7150047	1.000	LSUM
1125	Steel Structure, Coating, Partial, Type 4 (S02 of 13033)	7150048	1.000	LSUM
1130	Field Repr of Damaged Coating (S02 of 13033)	7160001	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 037

**Letting Date:** December 2, 2022

**Contract ID:** 66051-208494

**Description:** 22.18 mi of hot mix asphalt overlay, culvert replacement, ESS pavement sensor replacement, gravel shoulders and pavement markings on M-26 from M-38 to Twin Lakes Road, on M-38 from M-26 to Firesteel Road and on US-45 from the Baltimore River north to M-26, Ontonagon and Houghton Counties. This project includes two 3 year materials and workmanship pavement warranties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208494A	N/A	N/A	M 66051
211073A	N/A	N/A	M 66032
212878A	N/A	N/A	M 66042

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, Escanaba and Lake Superior Railroad	1027060	1,500.000	Dir
0010	Mobilization, Max \$599,200.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.100	Acre
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0025	Guardrail, Rem	2040035	100.000	Ft
0030	Berm Grading	2050008	11.000	Sta
0035	Embankment, CIP	2050010	415.000	Cyd
0040	Embankment, LM	2050011	50.000	Cyd
0045	Excavation, Channel	2050015	34.000	Cyd
0050	Excavation, Earth	2050016	955.000	Cyd
0055	Erosion Control, Check Dam, Stone	2080012	10.000	Ft
0060	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0065	Erosion Control, Sand Bag	2080028	50.000	Ea
0070	Erosion Control, Sediment Trap	2080034	1.000	Ea
0075	Erosion Control, Silt Fence	2080036	250.000	Ft
0080	Subbase, CIP	3010002	535.000	Cyd
0085	Aggregate Base, 6 inch	3020016	524.000	Syd
0090	Approach, CI II	3070021	290.000	Ton
0095	Shld, CI II	3070121	20,471.000	Ton
0100	Shld, CI II, 4 inch	3070126	160.000	Syd
0105	Shld, CI II, 5 inch	3070127	30.000	Syd
0110	Trenching	3070200	16.000	Sta
0115	Geotextile, Separator	3080005	182.000	Syd
0120	Culv End Sect, Metal, 84 inch	4010108	2.000	Ea

0125	_ Culv, CI A, CSP, 84 inch, Polymer Coated	4017001	106.000	Ft
0130	Video Taping Sewer and Culv Pipe	4021275	108.000	Ft
0135	Underdrain, Subgrade, 6 inch	4040073	150.000	Ft
0140	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0145	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0150	Video Inspection of Underdrain	4040200	170.000	Ft
0155	Pavt, Cleaning	5010001	1.000	LSUM
0160	Cold Milling HMA Surface	5010002	13,670.000	Syd
0165	Bump Grinding	5010004	200.000	Syd
0170	HMA Surface, Rem	5010005	367.000	Syd
0175	HMA Patch, Rem	5010006	10.000	Syd
0180	HMA Quality Initiative	5010007	95,320.000	Dlr
0185	Pavt for Butt Joints, Rem	5010008	5,420.000	Syd
0190	Edge Trimming	5010009	1,025.000	Ft
0195	Longit Joint Density Quality Initiative	5010018	157,386.000	Dlr
0200	Hand Patching	5010025	62.000	Ton
0205	HMA Approach	5010061	196.000	Ton
0210	HMA, 4EML	5012025	184.000	Ton
0215	HMA, 5EL	5012036	47,218.000	Ton
0220	_ Hh, Clean	8007050	3.000	Ea
0225	_ Pavt Sensor, Invasive Condition	8007050	4.000	Ea
0230	_ Pavt Sensor, Invasive Condition, Rem	8007050	4.000	Ea
0235	_ Subsurface Temperature Probe	8007050	2.000	Ea
0240	_ Subsurface Temperature Probe, Rem and Salv	8007050	2.000	Ea
0245	Curb Slp, HMA	8050010	50.000	Ft
0250	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0255	Guardrail Reflector	8070080	76.000	Ea
0260	Guardrail Height, Adj	8070100	875.000	Ft
0265	Guardrail, Reconst, Type B	8070105	500.000	Ft
0270	Fence, Woven Wire with Steel Post	8080002	560.000	Ft
0275	Delineator Reflector, Green	8100133	46.000	Ea
0280	Delineator, Rem	8100349	46.000	Ea
0285	Post, Rigid, Delineator	8100361	46.000	Ea
0290	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	6.000	Ea
0295	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	102.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,600.000	Ft
0305	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,600.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, White	8110233	299,200.000	Ft
0315	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	112,200.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	299,200.000	Ft
0325	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	112,200.000	Ft
0330	Rem Spec Mrkg	8110343	1,232.000	Sft
0335	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0340	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0345	Pavt Mrkg, Thermopl, Rumble Strip	8110470	648.000	Ft

0350	Protective Ovly, Snowmobile Trail Crossing	8110550	850.000	Syd
0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0365	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0375	Minor Traf Devices	8120170	1.000	LSUM
0380	Plastic Drum, Fluorescent, Furn	8120252	1,510.000	Ea
0385	Plastic Drum, Fluorescent, Oper	8120253	1,510.000	Ea
0390	PTS System, Temp, Furn	8120270	1.000	Ea
0395	PTS System, Temp, Oper	8120271	1.000	Ea
0400	Sign Cover	8120310	12.000	Ea
0405	Sign, Type B, Temp, Prismatic, Furn	8120350	2,410.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	2,410.000	Sft
0415	Traf Regulator Control	8120370	1.000	LSUM
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	14,552.000	Ft
0425	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0430	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0435	Riprap, Plain	8130010	92.000	Syd
0440	Slope Restoration, Non-Freeway, Type A	8162001	2,797.000	Syd
0445	Slope Restoration, Non-Freeway, Type B	8162002	741.000	Syd
0450	Slope Restoration, Non-Freeway, Type C	8162003	25.000	Syd
0455	Monument Box	8210001	9.000	Ea
0460	Monument Box Adj	8210005	25.000	Ea
0465	Monument Preservation	8210010	28.000	Ea
0470	_ Monument Box, Rem	8217050	12.000	Ea
0475	Centerline Corrugations, Milled, HMA	8220013	144,750.000	Ft
0480	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	260,410.000	Ft
0485	Contractor Staking	8240001	1.000	LSUM
0490	Staking Plan Errors and Extras, Max \$180/hour	8240002	66.000	Hr
0495	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0500	System Integration and Testing	8260160	1.000	LSUM



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 038

**Letting Date:** December 2, 2022

**Contract ID:** 211013A

**Description:** 7.16 mi of hot mix asphalt single course overlay, shoulder aggregate, centerline corrugations and pavement markings on M-123 from north of Murphy Creek northerly to County Road 500, Luce County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211013A	N/A	N/A	M 48034

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$119,700.00	1100001	1.000	LSUM
0010	Approach, CI II	3070021	140.000	Ton
0015	Shld, CI II	3070121	2,360.000	Ton
0020	Bump Grinding	5010004	100.000	Syd
0025	HMA Quality Initiative	5010007	18,664.000	Dlr
0030	Pavt for Butt Joints, Rem	5010008	578.000	Syd
0035	Longit Joint Density Quality Initiative	5010018	37,800.000	Dlr
0040	HMA Approach	5010061	22.000	Ton
0045	HMA, 5EL	5012036	9,310.000	Ton
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	75,600.000	Ft
0055	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	12,365.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	75,600.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	12,365.000	Ft
0070	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0075	Protective Ovly, Snowmobile Trail Crossing	8110550	41.000	Syd
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0085	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Plastic Drum, Fluorescent, Furn	8120252	196.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	196.000	Ea
0105	Sign Cover	8120310	2.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	388.000	Sft
0115	Sign, Type B, Temp, Prismatic, Oper	8120351	388.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0125	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	6,040.000	Ft
0130	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0135	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea



---

0140	Monument Box Adj	8210005	9.000	Ea
0145	Protect Corners	8210020	9.000	Ea
0150	Centerline Corrugations, Milled, HMA	8220013	37,800.000	Ft
0155	Contractor Staking	8240001	1.000	LSUM
0160	Staking Plan Errors and Extras, Max \$180/hour	8240002	13.000	Hr

---



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 039**Letting Date:** December 2, 2022**Contract ID:** 63091-214046**Description:** 0.07 mi of installation of pedestrian crossing island with rectangular rapid flashing beacons on I-75BL (Perry Street) between Madison Avenue and Giddings Road in the city of Pontiac, Oakland County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214046A	23A0082	N/A	VRU 63091

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$15,200.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0015	Curb and Gutter, Rem	2040020	53.000	Ft
0020	Sidewalk, Rem	2040055	56.000	Syd
0025	Exploratory Investigation, Vertical	2040080	20.000	Ft
0030	Excavation, Earth	2050016	27.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0040	Aggregate Base, 6 inch	3020016	101.000	Syd
0045	Aggregate Base, 8 inch	3020020	37.000	Syd
0050	Aggregate Base, 10 inch	3020026	75.000	Syd
0055	HMA Surface, Rem	5010005	11.000	Syd
0060	Pavt Repr, Rem	6030080	76.000	Syd
0065	Curb and Gutter, Conc, Det F4	8020038	51.000	Ft
0070	Curb and Gutter, Conc, Det F6	8020040	40.000	Ft
0075	_ Curb and Gutter, Conc, Det F4 Modified	8027001	99.000	Ft
0080	Detectable Warning Surface	8030010	20.000	Ft
0085	Curb Ramp Opening, Conc	8030030	22.000	Ft
0090	Sidewalk, Conc, 4 inch	8030044	611.000	Sft
0095	Sidewalk, Conc, 6 inch	8030046	358.000	Sft
0100	Curb Ramp, Conc, 6 inch	8032002	182.000	Sft
0105	Band, Sign	8100010	24.000	Ea
0110	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	4.000	Ea
0115	Fdn, Wood Support, Rem	8100280	1.000	Ea
0120	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea
0125	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0130	Post, Steel, 3 pound	8100371	126.000	Ft
0135	Sign, Type II, Erect, Salv	8100396	1.000	Ea

0140	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0145	Sign, Type IIIB	8100405	96.000	Sft
0150	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0155	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0160	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0165	Ground Mtd Sign Support, Rem	8102010	4.000	Ea
0170	_ Post, Flexible, Delineator, Replaceable	8107050	4.000	Ea
0175	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0180	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	160.000	Ft
0185	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,790.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	6,405.000	Ft
0195	Pavt Mrkg, Polyurea, Yield Triangle Sym	8112173	8.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0210	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0215	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0225	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	15,475.000	Ft
0235	Plastic Drum, Fluorescent, Furn	8120252	140.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	140.000	Ea
0245	Sign Cover	8120310	2.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	427.000	Sft
0255	Sign, Type B, Temp, Prismatic, Oper	8120351	427.000	Sft
0260	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	55.000	Sft
0265	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	55.000	Sft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,090.000	Ft
0275	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,755.000	Ft
0280	Pedestrian Path, Temp	8122250	120.000	Ft
0285	Site Preparation, Max \$900.00	8150001	1.000	LSUM
0290	Watering and Cultivating, First Season, Min \$400.00	8150002	1.000	LSUM
0295	Tilia cordata 'Greenspire', 2 inch	8153862	5.000	Ea
0300	Slope Restoration, Non-Freeway, Type A	8162001	471.000	Syd
0305	Conduit, Rem	8182000	50.000	Ft
0310	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	140.000	Ft
0315	Conduit, DB, 1, 1 1/2 inch	8182048	170.000	Ft
0320	Conduit, Schedule 40, 2 inch	8182133	50.000	Ft
0325	DB Cable, in Conduit, Rem	8182197	150.000	Ft
0330	Cable, Sec, 600V, 1, 3/C#6	8182238	350.000	Ft
0335	Cable, Equipment Grounding Wire, 1/C#2	8182288	150.000	Ft
0340	Hh, Round	8182310	4.000	Ea
0345	Serv Disconnect	8182366	1.000	Ea

0350	Wood Pole, Fit Up, Sec Serv Pole	8182382	1.000	Ea
0355	Pedestal, Alum	8200100	2.000	Ea
0360	Pedestal, Fdn	8200105	3.000	Ea
0365	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
0370	Pushbutton and Sign	8200121	2.000	Ea
0375	_ Flsh Beacon, Rectangular Rapid	8207050	2.000	Ea
0380	Contractor Staking	8240001	1.000	LSUM
0385	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr

---



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 040

**Letting Date:** December 2, 2022

**Contract ID:** 32012-208696

**Description:** 10.57 mi of hot mix asphalt cold milling and resurfacing, sidewalk, concrete curb and gutter, sidewalk, joint repairs and pavement markings on M-25 from the south of Caseville to the north city limits of Caseville, from the Tuscola County line to Myers Road and from Helena Road to Fairway Drive, Huron and Tuscola Counties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208696A	N/A	N/A	M 32012
209205A	N/A	N/A	M 32091
211576A	N/A	NA	M 32011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$332,600.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	618.000	Ft
0015	Sidewalk, Rem	2040055	420.000	Syd
0020	Aggregate Base	3020001	175.000	Ton
0025	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0030	Cold Milling HMA Surface	5010002	57,900.000	Syd
0035	HMA Surface, Rem	5010005	173.000	Syd
0040	HMA Quality Initiative	5010007	91,717.000	Dlr
0045	Longit Joint Density Quality Initiative	5010018	70,300.000	Dlr
0050	Hand Patching	5010025	1,865.000	Ton
0055	HMA Approach	5010061	337.000	Ton
0060	HMA, 5EML	5012037	18,550.000	Ton
0065	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	12,310.000	Ft
0070	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	6,180.000	Ft
0075	_ Micro Cold Milling, HMA	5017011	144,800.000	Syd
0080	Curb and Gutter, Conc, Det C2	8020021	288.000	Ft
0085	Detectable Warning Surface	8030010	349.000	Ft
0090	Curb Ramp Opening, Conc	8030030	330.000	Ft
0095	Sidewalk, Conc, 6 inch	8030046	758.000	Sft
0100	Curb Ramp, Conc, 6 inch	8032002	3,582.000	Sft
0105	_ Sidewalk, Brick Pavers, Rem and Salv	8037010	524.000	Sft
0110	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
0115	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0125	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	250.000	Ft

0130	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	344.000	Ft
0135	Pavt Mrkg, Waterborne, 6 inch, White	8110233	104,464.000	Ft
0140	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	55,000.000	Ft
0145	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	104,464.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	55,000.000	Ft
0155	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0160	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	480.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	480.000	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	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0195	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0200	Sign Cover	8120310	10.000	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	838.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	838.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	5,180.000	Ft
0235	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	3,480.000	Ft
0240	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0245	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0250	Slope Restoration, Non-Freeway, Type B	8162002	250.000	Syd
0255	Monument Box	8210001	6.000	Ea
0260	Monument Preservation	8210010	6.000	Ea
0265	Centerline Corrugations, Milled, HMA	8220013	44,584.000	Ft
0270	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	89,168.000	Ft
0275	Contractor Staking	8240001	1.000	LSUM
0280	Staking Plan Errors and Extras, Max \$180/hour	8240002	12.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 041

**Letting Date:** December 2, 2022

**Contract ID:** 39025-207433

**Description:** Intelligent transportation systems device installation including CCTV cameras and microwave vehicle detection sensors on existing DMS structures on I-94, US-131, I-196 and I-69, Berrien, Kalamazoo, Calhoun, and Branch Counties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207433A	23A0083	N/A	NH 39024

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$60,700.00	1100001	1.000	LSUM
0010	Erosion Control, Silt Fence	2080036	100.000	Ft
0015	Project Cleanup	2090001	1.000	LSUM
0020	_ Conduit, Clean and Test	8007001	1,045.000	Ft
0025	_ Fiber Optic, Cable, Reinstall	8007001	355.000	Ft
0030	_ Fiber Optic, Cable, Rem	8007001	355.000	Ft
0035	_ Antenna Support, Install on Dynamic Message Sign	8007050	11.000	Ea
0040	_ Antenna Support, Rem	8007050	7.000	Ea
0045	_ Hh, Clean	8007050	14.000	Ea
0050	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0055	_ System Testing	8007051	1.000	LSUM
0060	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0065	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0075	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0080	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	368.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	368.000	Sft
0095	Slope Restoration, Freeway, Type A	8162013	10.000	Syd
0100	Slope Restoration, Freeway, Type B	8162014	10.000	Syd
0105	_ Mulch Blanket, Modified	8167011	10.000	Syd
0110	Conduit, Rem	8182000	120.000	Ft
0115	Conduit, DB, 2, 3 inch	8182053	120.000	Ft
0120	Hh, Round, 3 foot dia	8182319	4.000	Ea
0125	Contractor Staking	8240001	1.000	LSUM
0130	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr
0135	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM

0140	Microwave Vehicle Detection System	8260040	8.000	Ea
0145	Microwave Vehicle Detection System, Rem	8260043	8.000	Ea
0150	Surveillance System, Remote Site, Type A	8260157	12.000	Ea
0155	System Integration and Testing	8260160	1.000	LSUM

---





**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 042

**Letting Date:** December 2, 2022

**Contract ID:** 82000-211932

**Description:** Traffic signal modernization including box span, traffic signal back plates and adding left turn phase on various routes at multiple intersections 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
211932A	22A1084	N/A	HSIP 82000
211934A	22A1085	N/A	HSIP 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$111,400.00	1100001	1.000	LSUM
0010	_ Curb, Rem, Modified	2047001	160.000	Ft
0015	_ Sidewalk, Rem, Modified	2047011	256.000	Syd
0020	Excavation, Earth	2050016	80.000	Cyd
0025	Granular Material, CI II	2050023	80.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0035	Dr Structure Cover, Adj, Case 2	4030006	12.000	Ea
0040	Curb and Gutter, Conc, Det C4	8020023	120.000	Ft
0045	Detectable Warning Surface	8030010	40.000	Ft
0050	Curb Ramp Opening, Conc	8030030	40.000	Ft
0055	Sidewalk, Conc, 4 inch	8030044	1,130.000	Sft
0060	Sidewalk, Conc, 6 inch	8030046	320.000	Sft
0065	Curb Ramp, Conc, 6 inch	8032002	960.000	Sft
0070	Band, Sign	8100010	88.000	Ea
0075	Sign, Type IIIA	8100404	352.000	Sft
0080	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	521.000	Ft
0085	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	110.000	Ft
0090	Pavt Mrkg, Polyurea, 12 inch, White	8110111	28.000	Ft
0095	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	120.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	456.000	Ft
0105	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	40.000	Ft
0110	_ Recessing for Pavt Mrkg, 06 inch	8117001	521.000	Ft
0115	_ Recessing for Pavt Mrkg, 18 inch	8117001	120.000	Ft
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	10.000	Ea
0135	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	686.000	Ft
0155	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	120.000	Ft
0160	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	1,480.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	1,480.000	Sft
0180	Conduit, Rem	8182000	34.000	Ft
0185	Cable, Sec, Rem	8182199	540.000	Ft
0190	Cable Pole, TS, Disman	8182210	9.000	Ea
0195	Cable, Sec, 600V, 1, 3/C#6	8182238	750.000	Ft
0200	Wood Pole, Cl 4, 45 foot	8182352	7.000	Ea
0205	Wood Pole, Rem	8182363	8.000	Ea
0210	Serv Disconnect	8182366	11.000	Ea
0215	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	2.000	Ea
0220	_ Conduit, Encased, 1, 3 inch, Modified	8187001	24.000	Ft
0225	_ Conduit, Encased, 2, 3 inch, Modified	8187001	148.000	Ft
0230	_ Conduit, Encased, 3, 4 inch, Modified	8187001	37.000	Ft
0235	_ Recable, Video	8187001	400.000	Ft
0240	_ Hh, Clean	8187050	5.000	Ea
0245	_ Hh, Round, Detroit	8187050	3.000	Ea
0250	Anchor Guy	8200001	16.000	Ea
0255	Pole Guy	8200002	4.000	Ea
0260	Case Sign, Rem	8200020	8.000	Ea
0265	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	22.000	Ea
0270	Controller and Cabinet, Rem	8200030	10.000	Ea
0275	Controller and Cabinet, Salv	8200037	1.000	Ea
0280	Controller Fdn, Base Mtd	8200045	4.000	Ea
0285	Controller Fdn, Rem	8200046	4.000	Ea
0290	Fdn, Rem	8200065	5.000	Ea
0295	Louver	8200080	6.000	Ea
0300	Pedestal Fdn, Rem	8200106	9.000	Ea
0305	Pedestal, Rem	8200110	9.000	Ea
0310	Pedestal, Pushbutton, Rem	8200119	2.000	Ea
0315	Pushbutton and Sign	8200121	14.000	Ea
0320	Pushbutton, Rem	8200122	8.000	Ea
0325	Span Wire	8200140	44.000	Ea
0330	Span Wire, Rem	8200141	17.000	Ea
0335	Steel Pole, Rem	8200145	5.000	Ea
0340	Strain Pole, Steel, Anchor Base, 30 foot	8200155	22.000	Ea
0345	Strain Pole, Steel, Anchor Fdn	8200165	22.000	Ea
0350	Guy, Rem	8200167	10.000	Ea

0355	Strut Guy	8200168	10.000	Ea
0360	TS, Bracket Arm Mtd, Rem	8200175	8.000	Ea
0365	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
0370	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	33.000	Ea
0375	TS, Pedestrian, Pedestal Mtd, Rem	8200181	10.000	Ea
0380	TS, Span Wire Mtd, Rem	8200182	36.000	Ea
0385	TS, Wireless Link, Rem	8200280	1.000	Ea
0390	TS, One Way Span Wire Mtd (LED)	8200313	83.000	Ea
0395	TS, One Way Span Wire Mtd, FYA (LED)	8200314	6.000	Ea
0400	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
0405	TS, One Way Bracket Arm Mtd (LED)	8200333	3.000	Ea
0410	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0415	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	39.000	Ea
0420	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0425	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0430	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0435	Video Traf Detection Camera, Rem	8200384	2.000	Ea
0440	Bracket, Truss, Rem	8200388	1.000	Ea
0445	Video Traf Detection System, Salv	8200441	2.000	Ea
0450	Video Traf Detection Camera, Salv	8200442	1.000	Ea
0455	Junction Box, Rem	8200457	1.000	Ea
0460	Casing	8200480	60.000	Ft
0465	_ Antenna, Spectrum	8207050	7.000	Ea
0470	_ Backplate, TS, Detroit	8207050	100.000	Ea
0475	_ Cellular Data Service for 2 Year	8207050	3.000	Ea
0480	_ Controller and Cabinet, Digital Type, ITS	8207050	10.000	Ea
0485	_ Pedestal Alum, Modified	8207050	6.000	Ea
0490	_ Pedestal Fdn, Modified	8207050	2.000	Ea
0495	_ Pushbutton Support Post	8207050	2.000	Ea
0500	_ Span Wire, Adj	8207050	4.000	Ea
0505	_ Steel Pole, Paint	8207050	6.000	Ea
0510	_ TS Head, Adj, Modified	8207050	2.000	Ea
0515	_ TS, One Way Span Wire Mtd (LED), Optic	8207050	2.000	Ea
0520	_ Video Capture and Streaming System	8207050	1.000	Ea
0525	_ Video Detection and Analytics System	8207050	1.000	Ea
0530	_ Wireless Data Acquisition and Alerts System, Salv	8207050	8.000	Ea
0535	_ Wireless Data Acquisition, Alerts and Analytics System	8207050	3.000	Ea



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 043**Letting Date:** December 2, 2022**Contract ID:** 73000-212045-2**Description:** 0.57 mi of hot mix asphalt shoulder, guardrail repairs and slope stabilization on Kochville Road from Cardinal Square east to Davis Road, Saginaw County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212045A	22A0649	N/A	ER 73000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$84,500.00	1100001	1.000	LSUM
0010	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0015	Guardrail, Rem	2040035	1,292.000	Ft
0020	_ Guardrail, Rem, Modified	2047001	1,910.000	Ft
0025	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0030	Subgrade Undercutting, Type II	2050041	150.000	Cyd
0035	_ Station Grading	2057002	30.000	Sta
0040	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0045	Maintenance Gravel	3060020	50.000	Ton
0050	_ Trenching, Modified	3077002	31.000	Sta
0055	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0060	_ Manhole Cover, Collar	4037050	5.000	Ea
0065	Edge Trimming	5010009	3,020.000	Ft
0070	HMA, 4EL	5012024	252.000	Ton
0075	HMA, 5EL	5012036	189.000	Ton
0080	Guardrail, Type B	8070000	2,275.000	Ft
0085	Guardrail, Curved, Type B	8070010	25.000	Ft
0090	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0095	Guardrail Reflector	8070080	120.000	Ea
0100	_ Guardrail Approach Terminal, Type 1B	8077050	1.000	Ea
0105	_ Guardrail Approach Terminal, Type 2B	8077050	10.000	Ea
0110	Post, Steel, 3 pound	8100371	15.000	Ft
0115	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0120	Sign, Type III, Rem, Salv	8102003	1.000	Ea
0125	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,020.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,020.000	Ft
0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0145	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Plastic Drum, Fluorescent, Furn	8120252	55.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	55.000	Ea
0170	Sign Cover	8120310	57.000	Ea
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	456.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	456.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	233.000	Sft
0190	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	233.000	Sft
0195	Traf Regulator Control	8120370	1.000	LSUM
0200	Riprap, Plain	8130010	25.000	Syd
0205	_ Tied Concrete Block Mat	8137011	6,000.000	Syd
0210	Seeding, Mixture THV	8160040	500.000	Lb

---



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 044

**Letting Date:** December 2, 2022

**Contract ID:** 69000-214754

**Description:** 3.06 mi of hot mix asphalt surface removal and resurfacing, aggregate shoulders and pavement markings on Alba Road from west of Mountain Jack Road east to M-32, Otsego County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214754A	22A0808	N/A	STL 69000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$76,600.00	1100001	1.000	LSUM
0010	Excavation, Earth	2050016	333.000	Cyd
0015	Aggregate Base	3020001	265.000	Ton
0020	Approach, CI II	3070021	60.000	Ton
0025	Shld, CI II	3070121	1,270.000	Ton
0030	_ Approach, CI II, Modified (Afton Stone)	3077031	5.000	Ton
0035	Cold Milling HMA Surface	5010002	600.000	Syd
0040	HMA Surface, Rem	5010005	13,030.000	Syd
0045	Pavt for Butt Joints, Rem	5010008	84.000	Syd
0050	HMA Approach	5010061	84.000	Ton
0055	HMA, 3EML	5012013	2,154.000	Ton
0060	HMA, 4EML	5012025	60.000	Ton
0065	HMA, 5EML	5012037	4,665.000	Ton
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	32,736.000	Ft
0075	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	32,736.000	Ft
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0085	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,300.000	Ft
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	665.000	Sft
0115	Sign, Type B, Temp, Prismatic, Oper	8120351	665.000	Sft
0120	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	48.000	Sft
0125	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	48.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM
0135	Mulch Blanket, High Velocity	8160028	300.000	Syd

0140	_ Slope Restoration, Special	8167011	2,000.000	Syd
0145	Monument Box Adj	8210005	15.000	Ea
0150	Monument Preservation	8210010	15.000	Ea

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 045

**Letting Date:** December 2, 2022

**Contract ID:** 25000-207698

**Description:** 1.59 mi of hot mix asphalt shared-use path, concrete curb, gutter and ramps, storm sewer, timber boardwalk and pavement markings along Perry Road Trail from Mancour Drive to west of Gale Road, Genesee County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207698A	22A1056	N/A	TAU 25000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Reimbursed Permit Fees	1077060	800.000	Dir
0010	Mobilization, Max \$151,300.00	1100001	1.000	LSUM
0015	_ Clearing, Spec	2017002	85.000	Sta
0020	Culv, Rem, Less than 24 inch	2030001	9.000	Ea
0025	Dr Structure, Rem	2030011	3.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	1,040.000	Ft
0035	Sewer, Rem, 24 inch to 48 inch	2030016	16.000	Ft
0040	Fence, Rem	2040025	286.000	Ft
0045	Pavt, Rem	2040050	48.000	Syd
0050	Ditch Cleanout	2050006	8.000	Sta
0055	_ Subgrade Undercutting, Type IV, Modified	2057021	600.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0070	Erosion Control, Sediment Trap	2080034	5.000	Ea
0075	Erosion Control, Silt Fence	2080036	4,545.000	Ft
0080	Erosion Control, Turbidity Curtain, Shallow	2080044	15.000	Ft
0085	Subbase, CIP	3010002	800.000	Cyd
0090	_ Aggregate Base, 8 inch, Modified	3027011	12,540.000	Syd
0095	_ Open-Graded Dr Cse, 10 inch, Modified	3037011	2,500.000	Syd
0100	Aggregate Surface Cse	3060006	709.000	Ton
0105	Maintenance Gravel	3060020	200.000	Ton
0110	Geotextile, Stabilization	3080010	5,100.000	Syd
0115	Culv End Sect, Conc, 12 inch	4010047	5.000	Ea
0120	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0125	Culv End Sect, Metal, 12 inch	4010094	13.000	Ea
0130	Culv End Sect, Metal, 24 inch	4010098	1.000	Ea
0135	Culv, CI F, CSP, 12 inch	4010675	199.000	Ft



0140	Culv, CI F, CSP, 24 inch	4010678	15.000	Ft
0145	Sewer, CI A, 12 inch, Tr Det A	4020004	25.000	Ft
0150	Sewer, CI A, 12 inch, Tr Det B	4020033	1,413.000	Ft
0155	Sewer, CI A, 24 inch, Tr Det B	4020036	32.000	Ft
0160	Sewer Tap, 4 inch	4021200	3.000	Ea
0165	Sewer Tap, 6 inch	4021201	3.000	Ea
0170	Sewer Tap, 8 inch	4021202	1.000	Ea
0175	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0180	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0185	Dr Structure Cover, Type B	4030010	4.000	Ea
0190	Dr Structure Cover, Type G	4030040	8.000	Ea
0195	Dr Structure, 24 inch dia	4030200	3.000	Ea
0200	Dr Structure, 48 inch dia	4030210	9.000	Ea
0205	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	6.000	Ft
0210	Dr Structure, Tap, 4 inch	4030304	2.000	Ea
0215	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0220	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0225	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0230	Underdrain, Subgrade, 4 inch	4040071	1,460.000	Ft
0235	Underdrain Outlet, 4 inch	4040091	116.000	Ft
0240	Underdrain Outlet, 6 inch	4040093	120.000	Ft
0245	Underdrain Outlet, 8 inch	4040095	33.000	Ft
0250	Underdrain, Outlet Ending, 4 inch	4040111	5.000	Ea
0255	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
0260	Underdrain, Outlet Ending, 8 inch	4040115	1.000	Ea
0265	HMA Surface, Rem	5010005	652.000	Syd
0270	Hand Patching	5010025	40.000	Ton
0275	HMA Approach	5010061	186.000	Ton
0280	Curb and Gutter, Conc, Det B2	8020016	458.000	Ft
0285	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0290	Spillway, Conc	8020075	25.000	Ft
0295	Shared use Path, Grading	8060030	8,224.000	Ft
0300	Shared use Path, HMA	8060040	2,066.000	Ton
0305	Post, Mailbox	8070095	6.000	Ea
0310	_ Trail Fence	8087001	408.000	Ft
0315	Post, Steel, 3 pound	8100371	112.000	Ft
0320	Sign, Type III, Rem	8100403	5.000	Ea
0325	Sign, Type IIIA	8100404	3.000	Sft
0330	Sign, Type IIIB	8100405	32.000	Sft
0335	Sign, Type VB	8100425	13.000	Sft
0340	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0345	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea

0355	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0365	Minor Traf Devices	8120170	1.000	LSUM
0370	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0375	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0380	Sign Cover	8120310	5.000	Ea
0385	Sign, Type B, Temp, Prismatic, Furn	8120350	629.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	629.000	Sft
0395	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	85.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	85.000	Sft
0405	Traf Regulator Control	8120370	1.000	LSUM
0410	Riprap, Plain	8130010	111.000	Syd
0415	_ Turf Establishment, Performance	8167002	84.000	Sta
0420	Protect Corners	8210020	10.000	Ea
0425	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM

---

**Section: 2**

0430	Granular Material, CI II	2050023	2.000	Cyd
0435	Backfill, Structure, CIP	2060002	84.000	Cyd
0440	Aggregate	2060005	4.000	Cyd
0445	Excavation, Fdn	2060010	157.000	Cyd
0450	_ Aggregate Base, 6 inch, Modified	3027011	14.000	Syd
0455	Underdrain, Fdn, 4 inch	4040031	47.000	Ft
0460	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0465	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0470	Joint, Expansion, E3	6020208	15.000	Ft
0475	Conc Pavt, Bridge Approach, Reinf	6020600	14.000	Syd
0480	_ Helical Pile	7057050	42.000	Ea
0485	_ Helical Pile, Additional 7' Section	7057050	42.000	Ea
0490	_ Helical Pile, Battered	7057050	20.000	Ea
0495	_ Helical Pile, Load Test	7057050	1.000	Ea
0500	Reinforcement, Steel, Epoxy Coated	7060092	4,534.000	Lb
0505	Substructure Conc	7060100	40.000	Cyd
0510	_ Structure, Timber, Boardwalk	7097001	160.000	Ft

---



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 046**Letting Date:** December 2, 2022**Contract ID:** 57000-214792

**Description:** 2.57 mi of hot mix asphalt base crush, shape and resurface, precast concrete box culvert, concrete curb and gutter, culverts, sewer, drainage, guardrail and pavement markings on 8 Mile Road from Prosper Road north to Lotan Road, Missaukee County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214792A	22A0852	N/A	STL 57000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$153,100.00	1100001	1.000	LSUM
0010	_ Clearing, Special	2017002	136.000	Sta
0015	Culv, Rem, Less than 24 inch	2030001	13.000	Ea
0020	Culv, Rem, 24 inch to 48 inch	2030002	7.000	Ea
0025	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	126.000	Ft
0035	_ Culv, Rem, 24 inch to 48 inch, Special	2037050	2.000	Ea
0040	_ Culv, Rem, Less than 24 inch, Special	2037050	2.000	Ea
0045	Fence, Rem	2040025	360.000	Ft
0050	Guardrail, Rem	2040035	823.000	Ft
0055	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0060	Structures, Rem	2040060	1.000	LSUM
0065	Embankment, CIP	2050010	15,100.000	Cyd
0070	Excavation, Earth	2050016	17,585.000	Cyd
0075	Backfill, Structure, CIP	2060002	300.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0085	Erosion Control, Silt Fence	2080036	500.000	Ft
0090	Subbase, CIP	3010002	1,000.000	Cyd
0095	Aggregate Base	3020001	7,600.000	Ton
0100	HMA Base Crushing and Shaping	3050002	42,885.000	Syd
0105	_ HMA Base Crushing and Shaping, Special	3057011	8,260.000	Syd
0110	Approach, CI I, 6 inch	3070008	1,535.000	Syd
0115	Approach, CI II, 6 inch	3070028	1,396.000	Syd
0120	Shld, CI II, 3 inch	3070125	9,060.000	Syd
0125	Trenching	3070200	225.000	Sta
0130	Culv End Sect, 24 inch	4010024	4.000	Ea
0135	Culv End Sect, 30 inch	4010030	2.000	Ea

0140	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0145	Culv, CI A, 24 inch	4010134	110.000	Ft
0150	Culv, CI A, 30 inch	4010135	50.000	Ft
0155	Culv, CI F, 15 inch	4010608	832.000	Ft
0160	Culv, CSP Arch, CI A, 24 inch by 18 inch	4010745	42.000	Ft
0165	Culv, CSP Arch, CI A, 28 inch by 20 inch	4010746	42.000	Ft
0170	Culv, CSP Arch, CI A, 35 inch by 24 inch	4010747	134.000	Ft
0175	Culv, CSP Arch, CI A, 42 inch by 29 inch	4010748	44.000	Ft
0180	Culv, CSP Arch, CI A, 49 inch by 33 inch	4010749	100.000	Ft
0185	Culv, CSP Arch, CI A, 63 inch by 43 inch	4010750	54.000	Ft
0190	_ Culv End Sect, 24 inch by 18 inch	4017050	2.000	Ea
0195	_ Culv End Sect, 28 inch by 20 inch	4017050	2.000	Ea
0200	_ Culv End Sect, 35 inch by 24 inch	4017050	6.000	Ea
0205	_ Culv End Sect, 42 inch by 29 inch	4017050	2.000	Ea
0210	_ Culv End Sect, 49 inch by 33 inch	4017050	4.000	Ea
0215	_ Culv End Sect, 63 inch by 43 inch	4017050	2.000	Ea
0220	Sewer, CI E, 15 inch, Tr Det B	4020601	80.000	Ft
0225	Dr Structure Cover, Type G	4030040	1.000	Ea
0230	Dr Structure Cover, Type J	4030045	1.000	Ea
0235	Dr Structure, 48 inch dia	4030210	2.000	Ea
0240	Culv Bedding, Box Culv	4060005	50.000	Cyd
0245	Culv, Precast Conc Box, 10 foot by 5 foot	4060129	52.000	Ft
0250	Cold Milling HMA Surface	5010002	50.000	Syd
0255	HMA Surface, Rem	5010005	1,585.000	Syd
0260	HMA Approach	5010061	267.000	Ton
0265	HMA, 4EL	5012024	7,690.000	Ton
0270	Curb and Gutter, Conc, Det B2	8020016	284.000	Ft
0275	Driveway Opening, Conc, Det M	8020050	288.000	Ft
0280	Guardrail, Type MGS-8	8070004	438.000	Ft
0285	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0290	Post, Mailbox	8070095	7.000	Ea
0295	Guardrail, Long Span, Det MGS-3	8072123	2.000	Ea
0300	Fence, Woven Wire with Wood Post	8080001	360.000	Ft
0305	Post, Steel, 3 pound	8100371	304.000	Ft
0310	Sign, Type II, Erect, Salv	8100396	7.000	Ea
0315	Sign, Type II, Rem	8100397	7.000	Ea
0320	Sign, Type III, Rem	8100403	10.000	Ea
0325	Sign, Type IIIA	8100404	54.000	Sft
0330	Sign, Type IIIB	8100405	18.000	Sft
0335	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0340	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,200.000	Ft
0345	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,900.000	Ft
0350	Pavt Mrkg, Thermopl, Rumble Strip	8110470	697.000	Ft
0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea

0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0365	Minor Traf Devices	8120170	1.000	LSUM
0370	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0375	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	242.000	Sft
0385	Sign, Type B, Temp, Prismatic, Oper	8120351	242.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	176.000	Sft
0395	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	176.000	Sft
0400	Riprap, Plain	8130010	80.000	Syd
0405	Mulch Blanket, High Velocity	8160028	1,000.000	Syd
0410	_ Slope Restoration	8167011	19,920.000	Syd
0415	Monument Box	8210001	5.000	Ea
0420	Monument Preservation	8210010	5.000	Ea

---



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 047

**Letting Date:** December 2, 2022

**Contract ID:** 08000-208261

**Description:** 1.40 mi of hot mix asphalt overlay, chip seal and pavement markings on Airport Road from M-37 to State Road, Barry County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208261A	23A0058	N/A	STUL 08000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$29,300.00	1100001	1.000	LSUM
0010	Cold Milling HMA Surface	5010002	330.000	Syd
0015	HMA Approach	5010061	256.000	Ton
0020	HMA, 4EL	5012024	2,244.000	Ton
0025	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0030	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0035	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0040	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,500.000	Ft
0055	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0060	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0065	Traf Regulator Control	8120370	1.000	LSUM

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 048**Letting Date:** December 2, 2022**Contract ID:** 14000-207189

**Description:** 0.11 mi of hot mix asphalt reconstruction, concrete curb and gutter, sewer, sanitary sewer, drainage and pavement markings on Hilton Street from North Broadway to North O'keefe Street in the village of Cassapolis, Cass County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207189A	23A0071	N/A	STL 14000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$25,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.200	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	9.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	20.000	Ea
0025	Curb and Gutter, Rem	2040020	50.000	Ft
0030	Fence, Rem	2040025	410.000	Ft
0035	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0040	Pavt, Rem	2040050	15.000	Syd
0045	Exploratory Investigation, Vertical	2040080	8.000	Ft
0050	Subgrade Undercutting, Type II	2050041	400.000	Cyd
0055	_ Machine Grading, Modified	2057002	6.000	Sta
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0065	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	Aggregate Base, 8 inch	3020020	1,900.000	Syd
0075	Maintenance Gravel, LM	3060021	30.000	Cyd
0080	Sewer, CI E, 12 inch, Tr Det B	4020600	220.000	Ft
0085	Sewer Tap, 12 inch	4021204	1.000	Ea
0090	Dr Structure Cover, Type B	4030010	1.000	Ea
0095	Dr Structure Cover, Type G	4030040	1.000	Ea
0100	Dr Structure Cover, Type K	4030050	2.000	Ea
0105	Dr Structure, 24 inch dia	4030200	2.000	Ea
0110	Dr Structure, 48 inch dia	4030210	1.000	Ea
0115	_ Dr Structure, Leaching Basin, 60 inch dia	4037050	1.000	Ea
0120	HMA Surface, Rem	5010005	2,050.000	Syd
0125	Hand Patching	5010025	5.000	Ton
0130	HMA, 4EL	5012024	420.000	Ton
0135	Driveway, Nonreinf Conc, 6 inch	8010005	240.000	Syd

0140	Curb and Gutter, Conc, Det C4	8020023	1,200.000	Ft
0145	Spillway, Conc	8020075	10.000	Ft
0150	Post, Mailbox	8070095	1.000	Ea
0155	Post, Steel, 3 pound	8100371	50.000	Ft
0160	Sign, Type IA	8100392	10.000	Sft
0165	Sign, Type III, Rem	8100403	6.000	Ea
0170	Sign, Type IIIA	8100404	10.000	Sft
0175	Sign, Type IIIB	8100405	10.000	Sft
0180	_ Pavt Mrkg, Waterborne, 18 inch, Stop Bar	8117001	40.000	Ft
0185	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	110.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0205	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0210	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	330.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	330.000	Sft
0225	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	70.000	Sft
0230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	70.000	Sft
0235	Riprap, Plain	8130010	10.000	Syd
0240	Slope Restoration, Non-Freeway, Type B	8162002	1,600.000	Syd
0245	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0250	Gate Box, Adj, Case 1	8230431	2.000	Ea
0255	_ Copper Water Service Pipe, 1 inch	8237001	90.000	Ft
0260	_ Water Service, 1 inch	8237050	2.000	Ea
0265	Sanitary Structure Cover, Type Q	8252098	1.000	Ea
0270	Sanitary Structure, Adj, Add Depth	8252140	1.000	Ft
0275	Sanitary Structure Cover, Adj, Case 1	8252145	1.000	Ea
0280	_ Sanitary Sewer Lead, 6 inch	8257001	40.000	Ft
0285	_ Cleanout, 6 inch	8257050	2.000	Ea
0290	_ Sanitary Wye, 8 inch x 6 inch	8257050	2.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 049**Letting Date:** December 2, 2022**Contract ID:** 82000-205482-2**Description:** 6.00 mi of Advanced Transportation and Congestion Management Technologies Deployment along Livernois Avenue and East Jefferson Avenue 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
205482A	1900702	N/A	RP 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$132,400.00	1100001	1.000	LSUM
0010	_ Conduit, Clean and Test	8007001	1,020.000	Ft
0015	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	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	Mobile Attenuator	8120180	2.000	Ea
0045	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0050	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0055	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0060	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0065	Bracket, Truss, With 18 Foot Arm	8200378	14.000	Ea
0070	_ Advance/Approach Detection Sensor	8207050	16.000	Ea
0075	_ Cellular Data Service for three (3) Years	8207050	2.000	Ea
0080	_ Cellular Data Streaming for two (2) hours per month and for three (3) Years	8207050	6.000	Ea
0085	_ Combined System Hardware Unit	8207050	2.000	Ea
0090	_ Controller, Digital Type, Modified	8207050	32.000	Ea
0095	_ Controller, Rem and Salv	8207050	32.000	Ea
0100	_ Detection License	8207050	6.000	Ea
0105	_ Video Capture and Streaming System	8207050	6.000	Ea
0110	_ Video Detection and Analytics System, Stand-alone	8207050	4.000	Ea
0115	_ Lightning Protection, Pole, Modified	8267050	6.000	Ea
0120	_ Roadside Unit, Configuration	8267050	6.000	Ea
0125	_ Roadside Unit, CV	8267050	6.000	Ea
0130	_ Roadside Unit, CV, LIDAR Collection and Extraction	8267050	6.000	Ea

0135	_ Roadside Unit, CV, Map Files	8267050	6.000	Ea
0140	_ Congestion Management and Mitigation System	8267051	1.000	LSUM
0145	_ Environmental Quality Monitoring System	8267051	1.000	LSUM
0150	_ Grounding, Bonding, and Surge Protection, Modified	8267051	1.000	LSUM
0155	_ Intersection Compliance Detection and Crash Mitigation System	8267051	1.000	LSUM
0160	_ Preemption and Priority System	8267051	1.000	LSUM
0165	_ System Integration and Testing, Modified	8267051	1.000	LSUM
0170	_ Traffic Gap Generation System	8267051	1.000	LSUM

---

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 050**Letting Date:** December 2, 2022**Contract ID:** 28000-205778**Description:** 2.96 mi of hot mix asphalt overlay with chip seal interlayer and paved shoulders, concrete curb and gutter, guardrail and pavement markings on Voice Road from Garfield Road east to Pierce Road, Grand Traverse County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205778A	22A0925	N/A	STL 28000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$123,400.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	175.000	Ft
0015	Pavt, Rem	2040050	32.000	Syd
0020	Aggregate Base	3020001	4,020.000	Ton
0025	Approach, CI II	3070021	96.000	Ton
0030	Shld, CI II	3070121	681.000	Ton
0035	Trenching	3070200	278.000	Sta
0040	HMA Surface, Rem	5010005	1,730.000	Syd
0045	Pavt for Butt Joints, Rem	5010008	685.000	Syd
0050	HMA Approach	5010061	250.000	Ton
0055	HMA, 4EL	5012024	1,397.000	Ton
0060	HMA, 5EML	5012037	5,040.000	Ton
0065	Seal, Single Chip	5050001	55,879.000	Syd
0070	Driveway, Nonreinf Conc, 6 inch	8010005	33.000	Syd
0075	Curb and Gutter, Conc, Det B2	8020016	84.000	Ft
0080	Curb Slp, HMA	8050010	1,551.000	Ft
0085	Guardrail Departing Terminal, Type B	8070050	6.000	Ea
0090	Guardrail, Salv	8070075	213.000	Ft
0095	Post, Mailbox	8070095	88.000	Ea
0100	Guardrail, Reconst, Type B	8070105	813.000	Ft
0105	Guardrail, Curved, Type B, 96 inch Post	8072142	138.000	Ft
0110	Guardrail, Type MGS-8, 108 inch Post	8072180	1,450.000	Ft
0115	_ Guardrail Approach Terminal, Type 2M, MSKT	8077050	2.000	Ea
0120	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	69.000	Ft
0125	Pavt Mrkg, Waterborne, 4 inch, White	8110231	31,844.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,191.000	Ft
0135	Lighted Arrow, Type C, Furn	8120140	6.000	Ea

0140	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,388.000	Ft
0155	Plastic Drum, Fluorescent, Furn	8120252	42.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	42.000	Ea
0165	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	350.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	696.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	696.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0185	_ Slope Restoration, Type B	8167011	14,317.000	Syd
0190	Monument Box Adj	8210005	4.000	Ea

---



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 051**Letting Date:** December 2, 2022**Contract ID:** 61000-208216

**Description:** 0.87 mi of hot mix asphalt cold milling and resurfacing, watermain, storm and sanitary sewer, concrete curb, gutter and ramps and pavement markings on Mears Avenue from Zellar Road northerly to south of Gibbs Street in the city of Whitehall, Muskegon County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208216A	22A1081	N/A	STUL 61000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$139,200.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0015	Dr Structure, Rem	2030011	6.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	370.000	Ft
0025	Curb and Gutter, Rem	2040020	450.000	Ft
0030	Guardrail, Rem	2040035	50.000	Ft
0035	Pavt, Rem	2040050	230.000	Syd
0040	Sidewalk, Rem	2040055	500.000	Syd
0045	_ Machine Grading, Modified	2057002	21.000	Sta
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0055	Erosion Control, Silt Fence	2080036	500.000	Ft
0060	Subbase, CIP	3010002	2,300.000	Cyd
0065	_ Aggregate Base, 6 inch, Modified	3027011	6,200.000	Syd
0070	Driveway Maintenance, Residential	3062001	20.000	Ea
0075	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0080	Sewer, CI A, 12 inch, Tr Det B	4020033	310.000	Ft
0085	Sewer, CI A, 15 inch, Tr Det B	4020034	120.000	Ft
0090	Sewer, CI A, 18 inch, Tr Det B	4020035	760.000	Ft
0095	Sewer, CI A, 24 inch, Tr Det B	4020036	675.000	Ft
0100	Video Taping Sewer and Culv Pipe	4021275	1,865.000	Ft
0105	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0110	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0115	Dr Structure Cover, Type K	4030050	17.000	Ea
0120	Dr Structure, 24 inch dia	4030200	6.000	Ea
0125	Dr Structure, 48 inch dia	4030210	17.000	Ea
0130	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0135	_ Dr Structure Cover, Type B, Modified	4037050	9.000	Ea

0140	_ Stormwater Hydrodynamic Separator	4037051	1.000	LSUM
0145	Cold Milling HMA Surface	5010002	10,000.000	Syd
0150	HMA Surface, Rem	5010005	6,100.000	Syd
0155	Hand Patching	5010025	17.000	Ton
0160	HMA Approach	5010061	100.000	Ton
0165	HMA, 4EL	5012024	650.000	Ton
0170	HMA, 5EL	5012036	1,700.000	Ton
0175	Driveway, Nonreinf Conc, 6 inch	8010005	230.000	Syd
0180	Curb and Gutter, Conc, Det F4	8020038	3,700.000	Ft
0185	Driveway Opening, Conc, Det M	8020050	150.000	Ft
0190	Detectable Warning Surface	8030010	145.000	Ft
0195	Curb Ramp Opening, Conc	8030030	240.000	Ft
0200	Sidewalk, Conc, 4 inch	8030044	850.000	Sft
0205	Sidewalk, Conc, 6 inch	8030046	50.000	Sft
0210	Curb Ramp, Conc, 4 inch	8032001	2,300.000	Sft
0215	Curb Ramp, Conc, 6 inch	8032002	600.000	Sft
0220	Guardrail, Reconst, Type B	8070105	50.000	Ft
0225	Post, Steel, 3 pound	8100371	360.000	Ft
0230	Sign, Type III, Rem	8100403	22.000	Ea
0235	Sign, Type IIIB	8100405	102.000	Sft
0240	Reflective Panel for Permanent Sign Support, 6 foot	8100616	19.000	Ea
0245	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,800.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,800.000	Ft
0255	Protective Ovly, Snowmobile Trail Crossing	8110550	35.000	Syd
0260	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	130.000	Ft
0265	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	50.000	Ft
0270	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	600.000	Ft
0275	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0285	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0290	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0295	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	425.000	Sft
0305	Sign, Type B, Temp, Prismatic, Oper	8120351	425.000	Sft
0310	Riprap, Plain	8130010	8.000	Syd
0315	Slope Restoration, Non-Freeway, Type A	8162001	2,700.000	Syd
0320	Hydrant, Rem	8230091	3.000	Ea
0325	Gate Box, Adj, Case 1	8230431	9.000	Ea
0330	_ Water Main, DI, 6 inch, Tr Det B, Modified	8237001	155.000	Ft
0335	_ Water Main, DI, 8 inch, Tr Det B, Modified	8237001	2,000.000	Ft
0340	_ Water Service, 1 inch, Private	8237001	850.000	Ft
0345	_ Water Service, 1 inch, Public	8237001	440.000	Ft
0350	_ Fire Hydrant, Modified	8237050	4.000	Ea

---

0355	_ Gate Valve and Box, 6 inch, Modified	8237050	4.000	Ea
0360	_ Gate Valve and Box, 8 inch, Modified	8237050	6.000	Ea
0365	_ Water Main, 6 inch, Cut and Plug, Modified	8237050	8.000	Ea
0370	_ Water Main, Bend, 45 degree, 6 inch	8237050	8.000	Ea
0375	_ Water Main, Bend, 45 degree, 8 inch	8237050	14.000	Ea
0380	_ Water Main, Reducer, 8 inch x 6 inch	8237050	4.000	Ea
0385	_ Water Main, Sleeve, 6 inch	8237050	4.000	Ea
0390	_ Water Main, Sleeve, 8 inch	8237050	1.000	Ea
0395	_ Water Main, Tee, 8 inch x 6 inch	8237050	4.000	Ea
0400	_ Water Main, Tee, 8 inch x 8 inch	8237050	4.000	Ea
0405	_ Water Service, Meter Pit, 18 inch	8237050	11.000	Ea
0410	_ Water Service, Meter Pit, 24 inch	8237050	1.000	Ea
0415	Sanitary Sewer, PVC, 8 inch, Tr Det A2	8252025	121.000	Ft
0420	Sanitary Sewer, Serv Lead, PVC, 6 inch	8252122	20.000	Ft
0425	_ Sanitary Structure, 48 inch dia, Modified	8257050	2.000	Ea

---

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 052**Letting Date:** December 2, 2022**Contract ID:** 82000-212676

**Description:** 1.10 mi of hot mix asphalt cold milling and resurfacing, concrete base course, storm sewer, curb ramps, signing and pavement markings on Oakwood Boulevard from west of Beech Street southeasterly to west of Rotunda Drive 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
212676A	N/A	N/A	EDA 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$577,900.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	11.000	Ea
0015	Dr Structure, Rem	2030011	39.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	1,128.000	Ft
0025	Curb, Rem	2040021	2,095.000	Ft
0030	Pavt, Rem	2040050	11,143.000	Syd
0035	Sidewalk, Rem	2040055	2,746.000	Syd
0040	_ Pavt Repr, Remove, Patching	2047011	1,578.000	Syd
0045	_ Misc Obstruction, Rem	2047021	27.000	Cyd
0050	Excavation, Earth	2050016	812.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0060	_ Embankment, CIP, Modified	2057021	1,451.000	Cyd
0065	_ Subgrade Undercutting, Type IV, Modified	2057021	5,423.000	Cyd
0070	Project Cleanup	2090001	1.000	LSUM
0075	Subbase, CIP	3010002	693.000	Cyd
0080	_ Aggregate Base, 12 inch, Modified	3027011	897.000	Syd
0085	_ Aggregate Base, 8 inch, Modified	3027011	9,633.000	Syd
0090	_ Maintenance Aggregate, 21AA	3027031	25.000	Ton
0095	Geotextile, Stabilization	3080010	8,267.000	Syd
0100	Dr Marker Post	4011109	4.000	Ea
0105	Sewer, CI A, 12 inch, Tr Det B	4020033	917.000	Ft
0110	Sewer, CI A, 18 inch, Tr Det B	4020035	64.000	Ft
0115	Sewer, CI A, 24 inch, Tr Det B	4020036	136.000	Ft
0120	Sewer, CI A, 30 inch, Tr Det B	4020037	4,160.000	Ft
0125	Sewer Tap, 15 inch	4021205	1.000	Ea
0130	Sewer Tap, 30 inch	4021208	1.000	Ea



0135	Sewer Bulkhead, 15 inch	4021231	6.000	Ea
0140	Sewer Bulkhead, 18 inch	4021232	3.000	Ea
0145	Video Taping Sewer and Culv Pipe	4021275	4,296.000	Ft
0150	_ Sewer, CI A, 30 inch, Jacked in Place	4027001	92.000	Ft
0155	Dr Structure, Cleaning	4030290	33.000	Ea
0160	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0165	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0170	_ Catch Basin A, Cover S	4037050	30.000	Ea
0175	_ Dr Structure Cover, Adj	4037050	66.000	Ea
0180	_ Mh C, 60 inch dia, Cover A	4037050	31.000	Ea
0185	_ Underdrain, Subgrade, Shallow, 6 inch	4047001	956.000	Ft
0190	Pavt, Cleaning	5010001	1.000	LSUM
0195	HMA Surface, Rem	5010005	9,742.000	Syd
0200	Pavt for Butt Joints, Rem	5010008	487.000	Syd
0205	Pavt Joint and Crack Repr, Det 8	5010021	15,000.000	Ft
0210	_ Cold Milling HMA Surface, Modified	5017011	41,070.000	Syd
0215	_ Conditioning Existing Pavement	5017031	4,400.000	Ton
0220	_ Misc HMA Approach	5017031	62.000	Ton
0225	_ Misc HMA, 2EMH	5017031	148.000	Ton
0230	_ Misc HMA, 3EMH	5017031	1,279.000	Ton
0235	_ Misc HMA, 4EMH	5017031	4,361.000	Ton
0240	_ Misc HMA, 5EMH	5017031	3,276.000	Ton
0245	_ Misc HMA, Hand Patching	5017031	400.000	Ton
0250	_ Misc HMA, Wedge	5017031	550.000	Ton
0255	Joint, Contraction, Cp	6020200	5,351.000	Ft
0260	Joint, Expansion, E2	6020207	310.000	Ft
0265	_ Cold Weather Protection, Conc Pavt	6027011	6,000.000	Syd
0270	_ Conc Base Cse, Nonreinf, 10 inch, Modified	6027011	7,752.000	Syd
0275	_ Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	1,149.000	Syd
0280	Joint, Contraction, Crg	6030020	52.000	Ft
0285	Lane Tie, Epoxy Anchored	6030030	5,683.000	Ea
0290	Coating Galvanized Support Structures	7160010	19.000	Ea
0295	Curb, Conc, Det E4	8020004	1,430.000	Ft
0300	Curb and Gutter, Conc, Det F5	8020039	10.000	Ft
0305	Detectable Warning Surface	8030010	156.000	Ft
0310	Sidewalk, Conc, 4 inch	8030044	8,531.000	Sft
0315	Curb Ramp, Conc, 4 inch	8032001	2,211.000	Sft
0320	Band, Sign	8100010	29.000	Ea
0325	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0330	Sign, Type II, Rem	8100397	1.000	Ea
0335	Sign, Type III, Rem	8100403	45.000	Ea
0340	Sign, Type IIIA	8100404	7.000	Sft
0345	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0350	_ Sign, Type B, Perm	8107010	361.000	Sft
0355	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	695.000	Ft

0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	430.000	Ft
0365	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0375	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0380	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	14,723.000	Ft
0385	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	14,703.000	Ft
0390	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow	8110213	574.000	Ft
0395	Rem Spec Mrkg	8110343	145.000	Sft
0400	Recessing Pavt Mrkg, Longit	8110450	29,659.000	Ft
0405	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0415	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0420	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0425	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0435	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,892.000	Ft
0440	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	152.000	Ft
0445	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	12,460.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	25,737.000	Ft
0455	Plastic Drum, Fluorescent, Furn	8120252	225.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	225.000	Ea
0465	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	3.000	Ea
0470	Sign Cover	8120310	5.000	Ea
0475	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0480	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0485	Sign, Type B, Temp, Prismatic, Furn	8120350	313.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	313.000	Sft
0495	Traf Regulator Control	8120370	1.000	LSUM
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	600.000	Ft
0505	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	600.000	Ft
0510	Pedestrian Ramp, Temp	8122251	5.000	Ea
0515	Topsoil Surface, Furn, 3 inch	8160061	4,549.000	Syd
0520	Water, Sodding/Seeding	8160090	140.000	Unit
0525	_ Sodding, Modified	8167011	4,549.000	Syd
0530	Conduit, Rem	8182000	439.000	Ft
0535	Conduit, Directional Bore, 3, 3 inch	8182039	505.000	Ft
0540	Conduit, DB, 1, 1 1/2 inch	8182048	367.000	Ft
0545	Conduit, DB, 1, 3 inch	8182050	370.000	Ft
0550	Conduit, DB, 3, 3 inch	8182056	475.000	Ft
0555	Conduit, DB, 4, 3 inch	8182059	40.000	Ft

0560	DB Cable, in Conduit, Rem	8182197	255.000	Ft
0565	Cable, Sec, 600V, 1, 3/C#6	8182238	795.000	Ft
0570	Hh, Polymer Conc	8182309	8.000	Ea
0575	Hh, Round	8182310	11.000	Ea
0580	Hh, Round, 3 foot dia	8182319	3.000	Ea
0585	Serv Disconnect, Rem	8182367	1.000	Ea
0590	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	2.000	Ea
0595	_ Conduit, DB, 1, 1 inch	8187001	80.000	Ft
0600	Light Std Fdn, Rem	8190280	1.000	Ea
0605	Light Std Shaft, Rem	8190305	1.000	Ea
0610	Luminaire, Rem	8190360	1.000	Ea
0615	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	1.000	Ea
0620	Case Sign, Rem	8200020	4.000	Ea
0625	Controller and Cabinet, Rem	8200030	4.000	Ea
0630	Controller Fdn, Base Mtd	8200045	3.000	Ea
0635	Global Positioning System Module	8200050	4.000	Ea
0640	Fdn, Rem	8200065	7.000	Ea
0645	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	4.000	Ea
0650	Pedestal, Alum	8200100	8.000	Ea
0655	Pedestal, Fdn	8200105	10.000	Ea
0660	Pedestal Fdn, Rem	8200106	6.000	Ea
0665	Pedestal, Rem	8200110	6.000	Ea
0670	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
0675	Power Co. (Est. Cost to Contractor)	8200116	4,000.000	Dlr
0680	Pushbutton and Sign	8200121	6.000	Ea
0685	Pushbutton, Rem	8200122	4.000	Ea
0690	Pushbutton, Pedestal, Alum	8200123	1.000	Ea
0695	Span Wire, Rem	8200141	5.000	Ea
0700	Steel Pole, Rem	8200145	7.000	Ea
0705	TS, Pedestal Mtd, Rem	8200179	3.000	Ea
0710	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	5.000	Ea
0715	TS, Pedestrian, Pedestal Mtd, Rem	8200181	6.000	Ea
0720	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0725	Cabinet, NEMA Type	8200186	4.000	Ea
0730	TS, One Way Mast Arm Mtd	8200250	2.000	Ea
0735	TS, One Way Mast Arm Mtd, Salv	8200251	2.000	Ea
0740	TS, One Way Mast Arm Mtd, RTGA (LED)	8200301	1.000	Ea
0745	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
0750	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
0755	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0760	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0765	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	5.000	Ea
0770	TS, Pedestrian, Two Way Pedestal Mtd (LED)	8200347	3.000	Ea

Countdown				
0775	TS, One Way Mast Arm Mtd (LED)	8200359	22.000	Ea
0780	Video Traf Detection System	8200380	4.000	Ea
0785	Video Traf Detection Camera	8200381	15.000	Ea
0790	TS Head, Adj	8200452	10.000	Ea
0795	TS Head, Temp	8200453	18.000	Ea
0800	Junction Box, Rem	8200457	3.000	Ea
0805	TS Face, Bag	8200458	33.000	Ea
0810	TS Face, Bag, Rem	8200459	33.000	Ea
0815	Casing	8200480	144.000	Ft
0820	Cellular Modem, TS, 4th G	8200498	4.000	Ea
0825	Backplate, TS	8200501	28.000	Ea
0830	Mast Arm Pole, Cat I	8202010	6.000	Ea
0835	Mast Arm, 35 foot, Cat I	8202016	3.000	Ea
0840	Mast Arm, 45 foot, Cat I	8202018	2.000	Ea
0845	Mast Arm, 50 foot, Cat I	8202019	6.000	Ea
0850	Mast Arm Pole Fdn, 6 Bolt	8202034	172.000	Ft
0855	_ Controller, NEMA, ATC Type	8207050	4.000	Ea
0860	_ Pedestal Painting	8207050	8.000	Ea
0865	_ St Name Sign, Two Way, LED, 6 foot	8207050	6.000	Ea
0870	_ St Name Sign, Two Way, LED, 8 foot	8207050	2.000	Ea
0875	Staking Plan Errors and Extras, Max \$180/hour	8240002	67.000	Hr
0880	_ Contractor Staking, Modified	8247051	1.000	LSUM
0885	Sanitary Structure, 48 inch dia	8252072	2.000	Ea
0890	_ Sanitary Sewer, PVC, 15 inch, Tr Det B	8257001	88.000	Ft
0895	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0900	Lightning Protection, Pole	8260021	4.000	Ea

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 053**Letting Date:** December 2, 2022**Contract ID:** 73000-212311

**Description:** 0.54 mi of hot mix asphalt cold milling and resurfacing, storm sewer upgrades, signing and pavement markings on Front Street from Peet Road north to Liberty Street in the village of Chesaning, Saginaw County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212311A	22A0849	N/A	STL 73000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$95,100.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
0015	Tree, Rem, 6 inch to 18 inch	2020004	8.000	Ea
0020	Dr Structure, Rem	2030011	8.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	275.000	Ft
0030	Curb and Gutter, Rem	2040020	130.000	Ft
0035	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0040	Sidewalk, Rem	2040055	500.000	Syd
0045	Exploratory Investigation, Vertical	2040080	15.000	Ft
0050	_ Driveway, Rem	2047011	1,710.000	Syd
0055	Embankment, CIP	2050010	100.000	Cyd
0060	Excavation, Earth	2050016	390.000	Cyd
0065	_ Ditching	2057002	48.000	Sta
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	53.000	Ea
0075	Erosion Control, Silt Fence	2080036	500.000	Ft
0080	Aggregate Base, Conditioning	3020050	1,265.000	Syd
0085	_ Aggregate Base, Modified	3027031	220.000	Ton
0090	Maintenance Gravel	3060020	100.000	Ton
0095	Trenching	3070200	41.000	Sta
0100	_ Shld, Cl II, Modified	3077031	80.000	Ton
0105	Sewer, Cl A, 8 inch, Tr Det B	4020031	1,820.000	Ft
0110	Sewer, Cl A, 12 inch, Tr Det B	4020033	1,060.000	Ft
0115	Sewer, Cl A, 18 inch, Tr Det B	4020035	1,220.000	Ft
0120	Sewer Tap, 6 inch	4021201	1.000	Ea
0125	Sewer Tap, 15 inch	4021205	2.000	Ea
0130	Sewer Tap, 18 inch	4021206	4.000	Ea
0135	Dr Structure Cover, Type G	4030040	50.000	Ea

0140	Dr Structure Cover, Type K	4030050	3.000	Ea
0145	Dr Structure Cover, Type Q	4030065	11.000	Ea
0150	Dr Structure, 24 inch dia	4030200	18.000	Ea
0155	Dr Structure, 48 inch dia	4030210	14.000	Ea
0160	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	13.000	Ft
0165	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	38.000	Ft
0170	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0175	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0180	Dr Structure, Tap, 18 inch	4030318	3.000	Ea
0185	Dr Structure, Temp Lowering	4030390	2.000	Ea
0190	_ Dr Structure, Add Depth of 36 inch dia, 8 foot to 15 foot	4037001	28.000	Ft
0195	_ Dr Structure, 36 inch dia	4037050	17.000	Ea
0200	_ Sanitary Structure Cover, Adj	4037050	2.000	Ea
0205	_ Storm Structure Cover, Adj	4037050	3.000	Ea
0210	_ Water Structure Cover, Adj	4037050	4.000	Ea
0215	Cold Milling HMA Surface	5010002	5,960.000	Syd
0220	HMA Surface, Rem	5010005	1,620.000	Syd
0225	HMA, 13A	5010033	1,270.000	Ton
0230	HMA Approach	5010061	790.000	Ton
0235	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	663.000	Syd
0240	Curb and Gutter, Conc, Det F4	8020038	480.000	Ft
0245	Shld Gutter, Conc, Det 3	8020057	4.000	Ea
0250	Detectable Warning Surface	8030010	70.000	Ft
0255	Curb Ramp Opening, Conc	8030030	70.000	Ft
0260	_ Curb Ramp, Conc 6 inch, Modified	8037010	1,555.000	Sft
0265	_ Sidewalk, Conc, 4 inch, Modified	8037010	1,670.000	Sft
0270	_ Sidewalk, Conc, 6 inch, Modified	8037010	1,430.000	Sft
0275	Post, Mailbox	8070095	40.000	Ea
0280	Post, Steel, 3 pound	8100371	358.000	Ft
0285	Sign, Type IIA	8100398	8.000	Sft
0290	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0295	Sign, Type III, Rem	8100403	38.000	Ea
0300	Sign, Type IIIA	8100404	59.000	Sft
0305	Sign, Type IIIB	8100405	73.000	Sft
0310	Sign, Type VA	8100424	12.000	Sft
0315	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0320	_ Sign, Type IIIB, R1-6a, Curb Mounted	8107050	4.000	Ea
0325	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	260.000	Ft
0330	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	95.000	Ft
0335	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,440.000	Ft
0340	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,160.000	Ft
0345	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,440.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,160.000	Ft

0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0365	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0375	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0380	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0385	Sign, Type B, Temp, Prismatic, Furn	8120350	289.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	289.000	Sft
0395	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	144.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	144.000	Sft
0405	Traf Regulator Control	8120370	1.000	LSUM
0410	Site Preparation, Max \$5,000.00	8150001	1.000	LSUM
0415	Acer rubrum 'Red Sunset', 2 inch	8150145	15.000	Ea
0420	_ Turf Establishment, Performance	8167011	6,300.000	Syd
0425	_ Sanitary Sewer Lead, Relocate	8257050	5.000	Ea

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 054

**Letting Date:** December 2, 2022

**Contract ID:** 20000-212283

**Description:** Bridge reconstruction including one-span 21 inch prestressed concrete spread box beams, proposed in place concrete abutments with steel h-piles and approach work on County Road 612 over the Au Sable River, Crawford County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212283A	23A0005	N/A	BFP 20000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$160,800.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.040	Acre
0015	Guardrail, Rem	2040035	407.000	Ft
0020	Embankment, CIP	2050010	389.000	Cyd
0025	Excavation, Earth	2050016	834.000	Cyd
0030	Erosion Control, Silt Fence	2080036	704.000	Ft
0035	Erosion Control, Turbidity Curtain, Deep	2080042	280.000	Ft
0040	Aggregate Base, 6 inch	3020016	1,285.000	Syd
0045	_ Aggregate Base, 24 inch	3027011	290.000	Syd
0050	Aggregate Surface Cse, 6 inch	3060010	220.000	Syd
0055	Approach, CI I, 6 inch	3070008	165.000	Syd
0060	Shld, CI II, 5 inch	3070127	109.000	Syd
0065	Culv End Sect, 12 inch	4010012	1.000	Ea
0070	Sewer, CI E, 12 inch, Tr Det B	4020600	219.000	Ft
0075	Dr Structure Cover, Type B	4030010	1.000	Ea
0080	Dr Structure Cover, Type D	4030025	2.000	Ea
0085	Dr Structure, 24 inch dia	4030200	1.000	Ea
0090	Dr Structure, 48 inch dia	4030210	2.000	Ea
0095	HMA Surface, Rem	5010005	1,447.000	Syd
0100	HMA Approach	5010061	21.000	Ton
0105	HMA, 3EL	5012012	204.000	Ton
0110	HMA, 5EL	5012036	136.000	Ton
0115	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	34.000	Syd
0120	Joint, Expansion, E3	6020208	72.000	Ft
0125	Conc Pavt, Bridge Approach, Reinf	6020600	150.000	Syd
0130	_ Modular Block Retaining Wall	7067010	530.000	Sft
0135	_ Timber Retaining Wall and Steps, Rem	7097051	1.000	LSUM



0140	_ Timber Steps	7097051	1.000	LSUM
0145	Curb and Gutter, Bridge Approach, Det 5	8022016	232.000	Ft
0150	Guardrail, Type MGS-8	8070004	25.000	Ft
0155	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0160	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0165	Delineator Reflector, Green	8100133	4.000	Ea
0170	Delineator Reflector, White	8100134	12.000	Ea
0175	Post, Steel, 3 pound	8100371	112.000	Ft
0180	Sign, Type III, Rem	8100403	6.000	Ea
0185	Sign, Type IIIB	8100405	16.000	Sft
0190	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	948.000	Ft
0195	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	711.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	310.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	310.000	Sft
0225	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0235	_ Barrier Float, Temp	8127001	200.000	Ft
0240	_ Regulatory Buoy, Closed Area, Temp	8127050	4.000	Ea
0245	_ Regulatory Buoy, Danger, Temp	8127050	4.000	Ea
0250	_ Slope Restoration, Bonded Fiber Matrix	8167011	1,411.000	Syd

**Section: 2**

0255	Structures, Rem	2040060	1.000	LSUM
0260	Excavation, Channel	2050015	88.000	Cyd
0265	Backfill, Structure, CIP	2060002	280.000	Cyd
0270	Excavation, Fdn	2060010	1,294.000	Cyd
0275	Underdrain, Fdn, 4 inch	4040031	240.000	Ft
0280	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0285	Underdrain, Outlet Ending, 4 inch	4040111	3.000	Ea
0290	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0295	Cofferdams	7040007	1.000	LSUM
0300	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0305	Pile, Steel, Furn and Driven, 12 inch	7050030	2,610.000	Ft
0310	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0315	Pile, Steel, Splice	7050050	38.000	Ea
0320	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0325	Bridge Ltg, Oper and Maintain	7060002	105.000	Cyd
0330	Expansion Joint Device	7060050	37.000	Ft
0335	False Decking	7060060	3,660.000	Sft
0340	Reinforcement, Steel, Epoxy Coated	7060092	27,099.000	Lb

0345	Substructure Conc	7060100	165.000	Cyd
0350	Superstructure Conc	7060110	22.000	Cyd
0355	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0360	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0365	Superstructure Conc, Night Casting	7060113	105.000	Cyd
0370	Sealing Localized Cracks (Str 2064)	7060220	1.000	LSUM
0375	Conc, Grade 3500, Subfooting	7062000	290.000	Cyd
0380	Bearing, Elastomeric, 1 3/4 inch	7070015	3,240.000	Sin
0385	Prest Conc Box Beam, Furn, 21 inch	7080061	380.000	Ft
0390	Prest Conc Box Beam, Erect, 21 inch	7080062	380.000	Ft
0395	Joint Waterproofing	7100001	216.000	Sft
0400	Joint Waterproofing, Expansion	7100003	65.000	Sft
0405	Conc Surface Coating	7100011	300.000	Syd
0410	Bridge Railing, 2 Tube	7110008	108.000	Ft
0415	_ Riprap, Fieldstone	8137021	205.000	Cyd

---



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

### Schedule of Pay Items

Report v1

**Letting Call:** 221202 055

**Letting Date:** December 2, 2022

**Contract ID:** 47000-214076

**Description:** Installation of pedestrian crossing signs with light-emitting-diode (LED) borders on Main Street from N First Street to S West Street in the city of Brighton, Livingston County. This is a Local Agency project.

#### Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214076A	23A0067	N/A	VRU 47000

#### List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$19,200.00	1100001	1.000	LSUM
0010	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0015	Sign, Type III, Rem	8100403	3.000	Ea
0020	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0025	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0030	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0035	Minor Traf Devices	8120170	1.000	LSUM
0040	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0045	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0050	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0055	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0060	Traf Regulator Control	8120370	1.000	LSUM
0065	_ LED Crosswalk Signal, Electrical Service, Abandon	8187050	4.000	Ea
0070	Pedestal, Alum	8200100	10.000	Ea
0075	Pedestal, Fdn	8200105	14.000	Ea
0080	Pedestal Fdn, Rem	8200106	16.000	Ea
0085	Pushbutton and Sign	8200121	14.000	Ea
0090	Pushbutton, Pedestal, Alum	8200123	4.000	Ea
0095	_ LED Crosswalk Signal, Rem	8207050	16.000	Ea
0100	_ LED Crosswalk Signal, Solar Powered	8207050	10.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 056

**Letting Date:** December 2, 2022

**Contract ID:** 56000-206356

**Description:** 2.65 mi of hot mix asphalt cold milling, crushing, shaping and resurfacing, aggregate shoulders and pavement markings on various routes at multiple locations, Midland County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206356A	22A1053	N/A	STL 56000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$97,000.00	1100001	1.000	LSUM
0010	Embankment, CIP	2050010	113.000	Cyd
0015	Erosion Control, Silt Fence	2080036	400.000	Ft
0020	Aggregate Base	3020001	1,147.000	Ton
0025	HMA Base Crushing and Shaping	3050002	19,681.000	Syd
0030	Approach, CI II	3070021	236.000	Ton
0035	Shld, CI II	3070121	717.000	Ton
0040	Trenching	3070200	126.000	Sta
0045	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0050	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0055	Dr Structure, Tap, 4 inch	4030304	12.000	Ea
0060	Dr Structure, Temp Lowering	4030390	6.000	Ea
0065	Underdrain, Subbase, 4 inch	4040061	2,488.000	Ft
0070	Underdrain Outlet, 4 inch	4040091	10.000	Ft
0075	Underdrain, Outlet Ending, 4 inch	4040111	1.000	Ea
0080	Cold Milling HMA Surface	5010002	19,526.000	Syd
0085	Hand Patching	5010025	30.000	Ton
0090	HMA Approach	5010061	252.000	Ton
0095	HMA, 4EL	5012024	5,110.000	Ton
0100	HMA, 5EL	5012036	3,222.000	Ton
0105	Post, Mailbox	8070095	31.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,902.000	Ft
0115	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,676.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	27,902.000	Ft
0125	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,676.000	Ft
0130	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0135	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea

0140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0145	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,217.000	Ft
0165	Sign Cover	8120310	2.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	448.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	448.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0185	Slope Restoration, Non-Freeway, Type B	8162002	3,796.000	Syd
0190	Monument Box	8210001	2.000	Ea
0195	Monument Box Adj	8210005	5.000	Ea
0200	Monument Preservation	8210010	2.000	Ea
0205	Gate Box, Adj, Temp, Case 1	8230391	2.000	Ea
0210	Gate Box, Adj, Case 1	8230431	3.000	Ea
0215	Sanitary Structure Cover, Adj, Case 1	8252145	5.000	Ea

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 057

**Letting Date:** December 2, 2022

**Contract ID:** 28000-205711

**Description:** 0.26 mi of hot mix asphalt surface reconstruction, concrete curb, gutter, sidewalk and ramps and pavement markings on Brownson Avenue from M-113 south to Fenton Street in the village of Kingsley, Grand Traverse County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205711A	22A0919	N/A	STL 28000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$43,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	2,120.000	Ft
0015	Pavt, Rem	2040050	150.000	Syd
0020	Sidewalk, Rem	2040055	245.000	Syd
0025	Excavation, Earth	2050016	1,750.000	Cyd
0030	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0040	Aggregate Base, 8 inch	3020020	5,340.000	Syd
0045	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0050	HMA Surface, Rem	5010005	5,286.000	Syd
0055	HMA, 4EL	5012024	720.000	Ton
0060	HMA, 5EL	5012036	431.000	Ton
0065	Driveway, Nonreinf Conc, 6 inch	8010005	100.000	Syd
0070	Driveway Opening, Conc, Det M	8020050	55.000	Ft
0075	_ Curb and Gutter, Conc, Det B2, Modified	8027001	478.000	Ft
0080	_ Curb and Gutter, Conc, Det F2, Modified	8027001	1,634.000	Ft
0085	Detectable Warning Surface	8030010	45.000	Ft
0090	Curb Ramp Opening, Conc	8030030	60.000	Ft
0095	Sidewalk, Conc, 4 inch	8030044	1,375.000	Sft
0100	Curb Ramp, Conc, 4 inch	8032001	975.000	Sft
0105	Curb Slp, HMA	8050010	1,056.000	Ft
0110	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	625.000	Ft
0115	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	122.000	Ft
0120	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	12.000	Ft
0125	Pavt Mrkg, Waterborne, 4 inch, White	8110231	982.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,964.000	Ft
0135	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea

0140	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	182.000	Ft
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0155	Pedestrian Type II Channelizer, Temp	8120027	480.000	Ft
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	381.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	381.000	Sft
0175	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	143.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	143.000	Sft
0185	Pedestrian Path, Temp	8122250	40.000	Ft
0190	Pedestrian Ramp, Temp	8122251	2.000	Ea
0195	Slope Restoration, Non-Freeway, Type B	8162002	733.000	Syd
0200	Hh, Adj	8182328	8.000	Ea
0205	Monument Box	8210001	1.000	Ea
0210	Monument Box Adj	8210005	2.000	Ea
0215	Monument Preservation	8210010	3.000	Ea
0220	Gate Box, Adj, Case 1	8230431	5.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 058

**Letting Date:** December 2, 2022

**Contract ID:** 33000-213767

**Description:** 0.20 mi of intersection widening including hot mix asphalt surfacing, concrete curb, gutter and sidewalk and pavement markings on Meridian Road (north leg) at Grand River Avenue (M-43), Ingham County.  
This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213767A	22A0999	N/A	HSIP 33000
214013A	N/A	N/A	M 33082

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$74,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.020	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	9.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	6.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	9.000	Ea
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0035	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0045	Dr Structure, Rem	2030011	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	435.000	Ft
0055	Curb and Gutter, Rem	2040020	148.000	Ft
0060	Pavt, Rem	2040050	20.000	Syd
0065	Sidewalk, Rem	2040055	74.000	Syd
0070	Exploratory Investigation, Vertical	2040080	10.000	Ft
0075	_ Exploratory Trenching	2047001	25.000	Ft
0080	Embankment, CIP	2050010	500.000	Cyd
0085	Excavation, Earth	2050016	1,300.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	60.000	Cyd
0095	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0105	Erosion Control, Silt Fence	2080036	650.000	Ft
0110	_ Erosion Control, Straw Wattle, 12 inch dia	2087001	75.000	Ft
0115	Subbase, CIP	3010002	160.000	Cyd
0120	_ Aggregate Base, 21AA	3027031	360.000	Ton
0125	HMA Base Crushing and Shaping	3050002	3,010.000	Syd
0130	Maintenance Gravel, LM	3060021	50.000	Cyd



0135	Approach, CI III	3070041	50.000	Ton
0140	Shld, CI III	3070141	47.000	Ton
0145	_ Geogrid, Triaxial, Base	3087011	660.000	Syd
0150	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0155	Culv End Sect, Footing	4010072	1.000	Ea
0160	Culv, CI F, 12 inch	4010607	50.000	Ft
0165	Dr Marker Post	4011109	7.000	Ea
0170	Sewer, CI IV, 12 inch, Tr Det B	4020987	568.000	Ft
0175	Sewer, CI IV, 12 inch, Tr Det D	4021050	124.000	Ft
0180	Sewer Tap, 12 inch	4021204	1.000	Ea
0185	Dr Structure Cover, Type B	4030010	2.000	Ea
0190	Dr Structure Cover, Type E	4030035	3.000	Ea
0195	Dr Structure Cover, Type G	4030040	1.000	Ea
0200	Dr Structure Cover, Type J	4030045	6.000	Ea
0205	Dr Structure, 24 inch dia	4030200	4.000	Ea
0210	Dr Structure, 48 inch dia	4030210	8.000	Ea
0215	_ Dr Structure, Orifice Outlet	4037050	8.000	Ea
0220	Underdrain, Pipe, Open-Graded, 8 inch	4040045	535.000	Ft
0225	Underdrain, Pipe, Open-Graded, 12 inch	4040049	68.000	Ft
0230	Underdrain, Subgrade, 4 inch	4040071	100.000	Ft
0235	_ Underdrain, Trench, Open-Graded	4047001	43.000	Ft
0240	HMA Surface, Rem	5010005	68.000	Syd
0245	Pavt for Butt Joints, Rem	5010008	471.000	Syd
0250	Hand Patching	5010025	30.000	Ton
0255	HMA Approach	5010061	179.000	Ton
0260	HMA, 3EML	5012013	679.000	Ton
0265	HMA, 4EML	5012025	408.000	Ton
0270	_ Modular Block Wall	8007010	185.000	Sft
0275	Driveway, Nonreinf Conc, 7 inch	8010006	13.000	Syd
0280	Curb and Gutter, Conc, Det B2	8020016	640.000	Ft
0285	_ Detectable Warning Surface, Cast Iron	8037010	28.000	Sft
0290	_ Sidewalk Ramp, ADA, Modified	8037010	212.000	Sft
0295	_ Sidewalk, Conc, Modified, 4 inch	8037010	759.000	Sft
0300	Post, Mailbox	8070095	5.000	Ea
0305	Delineator Reflector, Green	8100133	7.000	Ea
0310	Delineator Reflector, White	8100134	1.000	Ea
0315	Fdn, Wood Support, Rem	8100280	4.000	Ea
0320	Post, Rigid, Delineator	8100361	1.000	Ea
0325	Post, Steel, 3 pound	8100371	45.000	Ft
0330	Post, Wood, 6 inch by 8 inch	8100382	64.000	Ft
0335	Sign, Type II, Rem	8100397	2.000	Ea
0340	Sign, Type IIA	8100398	53.000	Sft
0345	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0350	Sign, Type III, Rem	8100403	1.000	Ea
0355	Sign, Type IIIB	8100405	11.000	Sft

0360	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0365	Ground Mtd Sign Support, Rem	8102010	7.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	68.000	Ft
0375	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0385	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	104.000	Ft
0390	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	74.000	Ft
0395	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,684.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,900.000	Ft
0405	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0415	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0420	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	90.000	Ea
0425	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	90.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0435	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0445	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,760.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,760.000	Ft
0455	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0465	Sign Cover	8120310	12.000	Ea
0470	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0475	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	937.000	Sft
0485	Sign, Type B, Temp, Prismatic, Oper	8120351	937.000	Sft
0490	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	243.000	Sft
0495	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	243.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0505	Ditch, Plain Cobble	8140005	6.000	Syd
0510	_ Arboricultural Work	8157040	16.000	Hr
0515	_ Slope Restoration, Type II-ES	8167011	2,023.000	Syd
0520	_ Slope Restoration, Type III-ES	8167011	300.000	Syd
0525	Conduit, DB, 1, 1 1/2 inch	8182048	60.000	Ft
0530	Conduit, DB, 3, 3 inch	8182056	60.000	Ft
0535	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0540	Cable, Sec, 600V, 1, 3/C#6	8182238	70.000	Ft
0545	Hh, Polymer Conc	8182309	2.000	Ea
0550	Hh, Round	8182310	3.000	Ea
0555	Hh, Round, 3 foot dia	8182319	1.000	Ea
0560	Serv Disconnect	8182366	1.000	Ea
0565	Serv Disconnect, Rem	8182367	1.000	Ea

0570	_ Conduit, DB, 1, 1 inch	8187001	20.000	Ft
0575	Case Sign, Rem	8200020	1.000	Ea
0580	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0585	Controller and Cabinet, Rem	8200030	1.000	Ea
0590	Controller Fdn, Base Mtd	8200045	1.000	Ea
0595	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0600	Power Co. (Est. Cost to Contractor)	8200116	5,025.000	Dir
0605	Pushbutton and Sign	8200121	2.000	Ea
0610	Span Wire	8200140	3.000	Ea
0615	Span Wire, Rem	8200141	1.000	Ea
0620	Span Wire Tether	8200142	3.000	Ea
0625	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0630	Cabinet, NEMA Type	8200186	1.000	Ea
0635	TS, One Way Span Wire Mtd (LED)	8200313	5.000	Ea
0640	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0645	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
0650	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0655	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0660	Hemispherical Video Detection Camera	8200444	1.000	Ea
0665	Hemispherical Video Detection System	8200445	1.000	Ea
0670	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
0675	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
0680	Strain Pole Fdn, 6 Bolt	8200470	56.000	Ft
0685	Casing	8200480	42.000	Ft
0690	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0695	Backplate, TS	8200501	7.000	Ea
0700	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0705	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0710	Lightning Protection, Pole	8260021	1.000	Ea

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 059**Letting Date:** December 2, 2022**Contract ID:** 58000-212218**Description:** 0.10 mi of hot mix asphalt approach, earth excavation, storm sewer, signing, slope restoration and pavement markings on Newburg Road at GTW Railroad, Monroe County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212218A	23A0010	N/A	STRH 58000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, Grand Trunk Western Railroad	1027060	10,000.000	Dir
0010	Mobilization, Max \$39,900.00	1100001	1.000	LSUM
0015	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0025	Dr Structure, Abandon	2030010	1.000	Ea
0030	_ Headwall, Rem	2037050	2.000	Ea
0035	Fence, Rem	2040025	70.000	Ft
0040	Embankment, CIP	2050010	3,250.000	Cyd
0045	Excavation, Earth	2050016	1,750.000	Cyd
0050	_ Ditching	2057002	14.000	Sta
0055	Aggregate Base, 5 inch	3020012	3,000.000	Syd
0060	Driveway Maintenance, Residential	3062001	9.000	Ea
0065	Approach, CI II	3070021	50.000	Ton
0070	Shld, CI II, 4 inch	3070126	775.000	Syd
0075	Steel Casing Pipe, 42 inch, Jacked in Place	4011173	48.000	Ft
0080	Sewer, CI A, 12 inch, Tr Det A	4020004	247.000	Ft
0085	Sewer, CI A, 30 inch, Tr Det A	4020008	24.000	Ft
0090	Sewer, CI E, 12 inch, Tr Det B	4020600	125.000	Ft
0095	Sewer, CI E, 30 inch, Tr Det B	4020604	48.000	Ft
0100	Dr Structure Cover, Type G	4030040	3.000	Ea
0105	Dr Structure, 48 inch dia	4030210	1.000	Ea
0110	Dr Structure, 72 inch dia	4030230	2.000	Ea
0115	HMA Surface, Rem	5010005	250.000	Syd
0120	Pavt for Butt Joints, Rem	5010008	75.000	Syd
0125	HMA, 13A	5010033	775.000	Ton
0130	Post, Steel, 3 pound	8100371	120.000	Ft
0135	Sign, Type III, Rem	8100403	8.000	Ea

0140	Sign, Type IIIB	8100405	36.000	Sft
0145	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	66.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,300.000	Ft
0155	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Sign, Type B, Temp, Prismatic, Furn	8120350	152.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	152.000	Sft
0205	Traf Regulator Control	8120370	1.000	LSUM
0210	Slope Restoration, Non-Freeway, Type D	8162004	4,500.000	Syd

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 060**Letting Date:** December 2, 2022**Contract ID:** 03000-209368

**Description:** 1.72 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on Washington Street from the west city limits of Otsego to Farmer Street and Dix Street from Farmer Street to M-89 in the city of Otsego, Allegan County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209368A	23A0059	N/A	STUL 03000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$56,200.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	605.000	Ft
0015	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0020	Pavt, Rem	2040050	10.000	Syd
0025	Sidewalk, Rem	2040055	260.000	Syd
0030	Dr Structure Cover, Adj, Case 1	4030005	51.000	Ea
0035	Dr Structure Cover, Type Q	4030065	31.000	Ea
0040	Cold Milling HMA Surface	5010002	35,300.000	Syd
0045	Pavt for Butt Joints, Rem	5010008	50.000	Syd
0050	HMA, 4EL	5012024	4,000.000	Ton
0055	Conc Base Cse, Nonreinf, 6 inch	6020015	140.000	Syd
0060	Curb and Gutter, Conc, Det B2	8020016	45.000	Ft
0065	Curb and Gutter, Conc, Det C4	8020023	320.000	Ft
0070	Detectable Warning Surface	8030010	127.000	Ft
0075	Curb Ramp Opening, Conc	8030030	240.000	Ft
0080	Sidewalk, Conc, 4 inch	8030044	1,410.000	Sft
0085	Curb Ramp, Conc, 6 inch	8032002	1,685.000	Sft
0090	Post, Steel, 3 pound	8100371	924.000	Ft
0095	Sign, Type III, Rem	8100403	79.000	Ea
0100	Sign, Type IIIA	8100404	192.000	Sft
0105	Sign, Type IIIB	8100405	141.000	Sft
0110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	905.000	Ft
0115	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,200.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,300.000	Ft
0125	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0135	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea

---

0140	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0145	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	Slope Restoration, Non-Freeway, Type B	8162002	50.000	Syd
0185	Water Shutoff, Adj, Case 1	8230421	24.000	Ea

---



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 061**Letting Date:** December 2, 2022**Contract ID:** 20000-216728**Description:** Bridge reconstruction including superstructure replacement with a timber superstructure, guardrail and approach work on County Road 612 over Big Creek, Crawford County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216728A	23A0008	N/A	HIPB 20000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$37,600.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	346.000	Ft
0015	Erosion Control, Maintenance, Sediment Rem	2080026	25.000	Cyd
0020	Erosion Control, Silt Fence	2080036	200.000	Ft
0025	Aggregate Base	3020001	80.000	Ton
0030	HMA Surface, Rem	5010005	582.000	Syd
0035	HMA Approach	5010061	97.000	Ton
0040	Guardrail, Type MGS-8	8070004	63.000	Ft
0045	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0050	_ Guardrail Anch, Bridge, Det M1, Modified	8077050	4.000	Ea
0055	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0060	Sign, Type III, Rem	8100403	2.000	Ea
0065	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	308.000	Ft
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0075	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	116.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	116.000	Sft
0095	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	149.000	Sft
0100	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	149.000	Sft
0105	_ Slope Restoration, Bonded Fiber Matrix	8167011	250.000	Syd
<b>Section: 2</b>				
0110	Structures, Rem Portions	2040061	1.000	LSUM
0115	Backfill, Structure, CIP	2060002	229.000	Cyd
0120	Excavation, Fdn	2060010	229.000	Cyd
0125	_ Timber Bridge Erect	7097051	1.000	LSUM



0130	_ Timber Bridge Furn	7097051	1.000	LSUM
0135	Membrane, Preformed Waterproofing	7100008	1,110.000	Sft

---



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 062

**Letting Date:** December 2, 2022

**Contract ID:** 08000-215633

**Description:** 338.03 mi of countywide edge and centerline pavement markings on various routes, Barry County.  
This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215633A	23A0007	N/A	HIC 08000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$28,200.00	1100001	1.000	LSUM
0010	_ Pavt Mrkg, Waterborne, 4 inch, White, Modified	2047001	3,517,416.000	Ft
0015	_ Pavt Mrkg, Waterborne, 4 inch, Yellow, Modified	2047001	2,395,433.000	Ft
0020	Minor Traf Devices	8120170	1.000	LSUM



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 063**Letting Date:** December 2, 2022**Contract ID:** 59000-212258

**Description:** Bridge rehabilitation of six structures including epoxy overlay, railing and beam crack sealing and transverse joint resealing on Blackmer Road over Fish Creek, River Road over the Flat River and Fleck Road (County Road 544) over the Flat River, Montcalm County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212258A	23A0002	N/A	BFPO 59000
212259A	23A0003	N/A	BFP 59000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$28,100.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,213.000	Ft
0015	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	828.000	Ft
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	52.000	Ea
0025	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	52.000	Ea
0030	Minor Traf Devices	8120170	1.000	LSUM
0035	Sign, Type B, Temp, Prismatic, Furn	8120350	1,303.000	Sft
0040	Sign, Type B, Temp, Prismatic, Oper	8120351	1,303.000	Sft
0045	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	500.000	Sft
0050	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	500.000	Sft
<b>Section: 2</b>				
0055	False Decking	7060060	808.000	Sft
0060	_ Silane Treatment	7107010	9,908.000	Sft
0065	Hand Chipping, Other Than Deck	7120007	30.000	Cft
0070	Patch, Forming	7120017	60.000	Sft
0075	Epoxy Ovly	7120020	2,435.000	Syd
0080	Flushing Cracks, Water	7120098	50.000	Ft
0085	Structural Crack, Repr	7120099	50.000	Ft
0090	Patching Conc, C-L	7120112	2.000	Cyd
0095	_ Bridge Joints, Clean and Seal	7127001	291.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 064

**Letting Date:** December 2, 2022

**Contract ID:** 28000-207712

**Description:** Bridge rehabilitation including superstructure replacement with steel beams and approach work on North Cass Street over Boardman River and South Union Street over Boardman River in the city of Traverse City, Grand Traverse County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207712A	N/A	N/A	MCS 28000
208117A	N/A	N/A	MCS 28000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$263,100.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0015	Dr Structure, Rem	2030011	4.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	79.000	Ft
0025	Curb and Gutter, Rem	2040020	296.000	Ft
0030	Curb, Rem	2040021	216.000	Ft
0035	Fence, Rem	2040025	62.000	Ft
0040	Pavt, Rem	2040050	1,000.000	Syd
0045	Sidewalk, Rem	2040055	217.000	Syd
0050	_ Barrier Float	2047001	290.000	Ft
0055	_ Sidewalk, Rem, Modified	2047010	2,010.000	Sft
0060	_ Pavt, Rem, Modified	2047011	29.000	Syd
0065	_ Regulatory Buoy, Closed Area	2047050	20.000	Ea
0070	Embankment, CIP	2050010	194.000	Cyd
0075	Excavation, Earth	2050016	955.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0085	Erosion Control, Silt Fence	2080036	155.000	Ft
0090	Subbase, CIP	3010002	527.000	Cyd
0095	Aggregate Base	3020001	335.000	Ton
0100	Aggregate Base, 8 inch	3020020	156.000	Syd
0105	_ Aggregate Base, Modified	3027031	98.000	Ton
0110	Sewer, CI A, 12 inch, Tr Det B	4020033	136.000	Ft
0115	Sewer Tap, 24 inch	4021207	1.000	Ea
0120	Sewer Tap, 48 inch	4021211	1.000	Ea
0125	_ Traverse City Outlet Cover	4027050	3.000	Ea
0130	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea

0135	Dr Structure Cover, Type B	4030010	1.000	Ea
0140	Dr Structure Cover, Type D	4030025	1.000	Ea
0145	Dr Structure Cover, Type K	4030050	7.000	Ea
0150	Dr Structure, 24 inch dia	4030200	3.000	Ea
0155	Dr Structure, 48 inch dia	4030210	5.000	Ea
0160	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	1.000	Ft
0165	Drop Inlet, Type 1	4030395	1.000	Ea
0170	HMA Surface, Rem	5010005	668.000	Syd
0175	Hand Patching	5010025	6.000	Ton
0180	HMA, 4EL	5012024	299.000	Ton
0185	Conc Pavt, Bridge Approach, Reinf	6020600	152.000	Syd
0190	_ Reinforced Concrete Wall Cap	7067001	16.000	Ft
0195	_ Concrete Steps	7067010	39.000	Sft
0200	_ Structure Name Plate, Salvage and Replace	7067050	2.000	Ea
0205	_ Pedestrian Railing	7117001	106.000	Ft
0210	Curb, Conc, Det E1	8020001	6.000	Ft
0215	Curb and Gutter, Conc, Det C6	8020025	25.000	Ft
0220	Curb and Gutter, Conc, Det F4	8020038	310.000	Ft
0225	Driveway Opening, Conc, Det M	8020050	142.000	Ft
0230	Valley Gutter, Conc	8020060	6.000	Ft
0235	_ Curb and Gutter, Bridge Approach, Modified	8027001	84.000	Ft
0240	Detectable Warning Surface	8030010	36.000	Ft
0245	Curb Ramp Opening, Conc	8030030	150.000	Ft
0250	Sidewalk, Conc, 4 inch	8030044	1,194.000	Sft
0255	Sidewalk, Conc, 6 inch	8030046	1,422.000	Sft
0260	Curb Ramp, Conc, 6 inch	8032002	957.000	Sft
0265	_ Brick Paver, Install Salv	8037010	126.000	Sft
0270	_ Brick Pavers, Rem and Salv	8037010	125.000	Sft
0275	_ Sidewalk, Clay Brick Pavers, Modified	8037010	1,125.000	Sft
0280	_ Portable Security Fence	8087001	582.000	Ft
0285	_ Security Fence	8087001	230.000	Ft
0290	Sign, Type III, Rem	8100403	3.000	Ea
0295	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	400.000	Ft
0300	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	400.000	Ft
0305	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	82.000	Ft
0310	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	198.000	Ft
0315	_ Pavt Mrkg, Waterborne, 24 Inch, Crosswalk, White	8117001	112.000	Ft
0320	_ Pavt Mrkg, Waterborne, International Symbol	8117050	4.000	Ea
0325	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0335	Pedestrian Type II Barricade, Temp	8120026	32.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM

0345	Plastic Drum, Fluorescent, Furn	8120252	64.000	Ea
0350	Plastic Drum, Fluorescent, Oper	8120253	64.000	Ea
0355	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0360	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0365	Sign, Type B, Temp, Prismatic, Furn	8120350	577.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	577.000	Sft
0375	_ Boardwalk Barricade	8127001	24.000	Ft
0380	Fertilizer, Chemical Nutrient, CI A	8160020	5.000	Lb
0385	Mulch	8160025	124.000	Syd
0390	Mulch Anchoring	8160026	124.000	Syd
0395	Seeding, Mixture TUF	8160042	8.000	Lb
0400	Topsoil Surface, Furn, 4 inch	8160062	124.000	Syd
0405	Light Std Fdn	8190279	1.000	Ea
0410	Light Std Fdn, Rem	8190280	1.000	Ea
0415	_ Foundation Base, Type A	8197050	4.000	Ea
0420	_ Light Std, Install Salv	8197050	1.000	Ea
0425	_ Light Std, Salv	8197050	1.000	Ea
0430	_ Water Serv, Cut and Plug	8237050	2.000	Ea

**Section: 2**

0435	Structures, Rem Portions (SN 3074)	2040061	1.000	LSUM
0440	Structures, Rem Portions (SN 3077)	2040061	1.000	LSUM
0445	Backfill, Structure, CIP	2060002	223.000	Cyd
0450	Excavation, Fdn	2060010	499.000	Cyd
0455	_ Aggregate Base, Modified	3027031	30.000	Ton
0460	Underdrain, Fdn, 4 inch	4040031	367.000	Ft
0465	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0470	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0475	Conc Pavt, Bridge Approach, Reinf	6020600	24.000	Syd
0480	Bridge Ltg, Furn and Rem (SN 3074)	7060001	1.000	LSUM
0485	Bridge Ltg, Furn and Rem (SN 3077)	7060001	1.000	LSUM
0490	Bridge Ltg, Oper and Maintain	7060002	286.000	Cyd
0495	Conduit, 3 inch	7060030	322.000	Ft
0500	Expansion Joint Device	7060050	46.000	Ft
0505	Expansion Joint Device, Cover Plate	7060051	20.000	Ft
0510	False Decking	7060060	13,787.000	Sft
0515	Reinforcement, Steel, Epoxy Coated	7060092	67,278.000	Lb
0520	Substructure Conc	7060100	102.000	Cyd
0525	Superstructure Conc	7060110	210.000	Cyd
0530	Superstructure Conc, Form, Finish, and Cure (SN 3074)	7060111	1.000	LSUM
0535	Superstructure Conc, Form, Finish, and Cure (SN 3077)	7060111	1.000	LSUM
0540	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 3074)	7060112	1.000	LSUM
0545	Superstructure Conc, Form, Finish, and Cure, Night	7060112	1.000	LSUM

## Casting (SN 3077)

0550	Superstructure Conc, Night Casting	7060113	272.000	Cyd
0555	Water Repellent Treatment, Penetrating	7060140	146.000	Syd
0560	Bearing, Elastomeric, 1 1/2 inch	7070014	3,300.000	Sin
0565	Bearing, Elastomeric, 2 1/4 inch	7070017	2,835.000	Sin
0570	Shear Developers (SN 3074)	7070040	1.000	LSUM
0575	Shear Developers (SN 3077)	7070040	1.000	LSUM
0580	Structural Steel, Mixed, Erect	7070050	14,642.000	Lb
0585	Structural Steel, Mixed, Furn and Fab	7070051	14,642.000	Lb
0590	Structural Steel, Rolled Shape, Erect	7070070	256,310.000	Lb
0595	Structural Steel, Rolled Shape, Furn and Fab	7070071	256,310.000	Lb
0600	Joint Waterproofing	7100001	902.000	Sft
0605	Conc Surface Coating	7100011	425.000	Syd
0610	_ FRP Fascia Panels, Erect (SN 3074)	7107051	1.000	LSUM
0615	_ FRP Fascia Panels, Furn (SN 3074)	7107051	1.000	LSUM
0620	_ Bridge Railing, 2 Tube,Modified	7117001	150.000	Ft
0625	_ Bridge Railing, 4 Tube,Modified	7117001	99.000	Ft
0630	_ Railing, Special	7117001	156.000	Ft
0635	Hand Chipping, Other Than Deck	7120007	50.000	Cft
0640	Patch, Forming	7120017	150.000	Sft
0645	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	514.000	Ea
0650	Flushing Cracks, Water	7120098	20.000	Ft
0655	Structural Crack, Repr	7120099	20.000	Ft
0660	Patching Conc, C-L	7120112	2.000	Cyd
0665	_ Bridge Railing End Wall	7127050	4.000	Ea
0670	_ Sidewalk, Conc, Variable	8037010	127.000	Sft
0675	_ Conduit, 3/4 Inch, Special	8187001	310.000	Ft



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 065**Letting Date:** December 2, 2022**Contract ID:** 13000-207393

**Description:** 1.48 mi of hot mix asphalt cold milling and resurfacing and installation of recessed wet reflective centerline and edgeline pavement markings on O Drive N (Morgan Road) from 6 Mile Road (North Avenue) to M-66, Calhoun County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207393A	23A0054	N/A	STUL 13000
207469A	23AA0057	N/A	CRSM 13000
214631A	23A0060	N/A	HSIP 13000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$98,900.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Curb and Gutter, Rem	2040020	220.000	Ft
0020	Pavt, Rem	2040050	404.000	Syd
0025	Sidewalk, Rem	2040055	27.000	Syd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0035	Subbase, CIP	3010002	46.000	Cyd
0040	Aggregate Base, 8 inch	3020020	92.000	Syd
0045	Approach, CI I	3070001	7.000	Ton
0050	Culv, CI E, 12 inch	4010539	40.000	Ft
0055	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0060	Dr Structure, Temp Lowering	4030390	5.000	Ea
0065	_ Dr Structure Cover, Adj, Case 1, Modified	4037001	5.000	Ft
0070	Cold Milling HMA Surface	5010002	37,508.000	Syd
0075	Pavt for Butt Joints, Rem	5010008	1,875.000	Syd
0080	Hand Patching	5010025	11.000	Ton
0085	HMA, 4EML	5012025	2,508.000	Ton
0090	HMA, 5EML	5012037	2,508.000	Ton
0095	HMA, 4EML, High Stress	5012073	1,163.000	Ton
0100	HMA, 5EML, High Stress	5012085	1,179.000	Ton
0105	Curb and Gutter, Conc, Det B2	8020016	220.000	Ft
0110	Detectable Warning Surface	8030010	40.000	Ft
0115	Curb Ramp Opening, Conc	8030030	40.000	Ft
0120	Sidewalk, Conc, 6 inch	8030046	200.000	Sft
0125	Curb Ramp, Conc, 6 inch	8032002	200.000	Sft



0130	Post, Steel, 3 pound	8100371	406.000	Ft
0135	Sign, Type III, Rem	8100403	23.000	Ea
0140	Sign, Type IIIA	8100404	62.000	Sft
0145	Sign, Type IIIB	8100405	103.000	Sft
0150	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	72.000	Ft
0155	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	162.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0165	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0170	Recessing Pavt Mrkg, Longit	8110450	25,242.000	Ft
0175	Recessing Pavt Mrkg, Transv	8110451	638.000	Sft
0180	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	321.000	Ft
0185	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	14,699.000	Ft
0190	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	10,222.000	Ft
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0205	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	271.000	Ea
0215	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	271.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0225	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	672.000	Ft
0245	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0250	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0255	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0260	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0265	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
0270	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	1,020.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,020.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	21.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	21.000	Sft
0295	Traf Regulator Control	8120370	1.000	LSUM
0300	Riprap, Plain	8130011	17.000	Ton
0305	Slope Restoration, Non-Freeway, Type B	8162002	6,969.000	Syd
0310	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	250.000	Ft
0315	Conduit, Directional Bore, 3, 3 inch	8182039	250.000	Ft
0320	Conduit, DB, 1, 1 1/2 inch	8182048	150.000	Ft
0325	Conduit, DB, 3, 3 inch	8182056	150.000	Ft
0330	Conduit, DB, 4, 3 inch	8182059	50.000	Ft
0335	Cable Pole, TS and Sec, Disman	8182209	3.000	Ea

0340	Cable, Sec, 600V, 1, 3/C#6	8182238	200.000	Ft
0345	Hh, Round	8182310	3.000	Ea
0350	Hh, Round, 3 foot dia	8182319	1.000	Ea
0355	Serv Disconnect	8182366	1.000	Ea
0360	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0365	Case Sign, Rem	8200020	1.000	Ea
0370	Controller and Cabinet, Rem	8200030	1.000	Ea
0375	Controller Fdn, Base Mtd	8200045	1.000	Ea
0380	Pedestal, Alum	8200100	2.000	Ea
0385	Pedestal, Fdn	8200105	3.000	Ea
0390	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
0395	Pushbutton and Sign	8200121	8.000	Ea
0400	Pushbutton, Pedestal, Alum	8200123	1.000	Ea
0405	Span Wire, Rem	8200141	3.000	Ea
0410	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0415	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
0420	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0425	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0430	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0435	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0440	Wireless Vehicle Sensor Node, Salv	8200427	6.000	Ea
0445	Hemispherical Video Detection Camera	8200444	1.000	Ea
0450	Hemispherical Video Detection System	8200445	1.000	Ea
0455	Casing	8200480	30.000	Ft
0460	Backplate, TS	8200501	12.000	Ea
0465	Mast Arm Pole, Cat I	8202010	2.000	Ea
0470	Mast Arm, 45 foot, Cat I	8202018	2.000	Ea
0475	Mast Arm Pole Fdn, 6 Bolt	8202034	36.000	Ft
0480	_ Cabinet, NEMA Type, Modified	8207050	1.000	Ea
0485	_ Controller, NEMA, ATC Type, Modified	8207050	1.000	Ea
0490	_ Mast Arm, 55 foot, Cat I	8207050	1.000	Ea
0495	_ Mast Arm, 60 foot, Cat I	8207050	1.000	Ea
0500	_ Street Name Sign, Two Way, Illuminated	8207050	4.000	Ea
0505	_ TS, Managed Field Ethernet Switch, Layer 2, Copper, Modified	8207050	1.000	Ea
0510	Monument Box Adj	8210005	2.000	Ea
0515	Gate Box, Adj, Case 1	8230431	3.000	Ea



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 066

**Letting Date:** December 2, 2022

**Contract ID:** 13000-215999

**Description:** 2.95 mi of removal of trees and brush within the right of way along T Drive N from 23 Mile Road to Monroe Road, Calhoun 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
215999A	23A0063	N/A	HRRR 13000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$8,505.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	150.000	Sta
0015	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0020	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0025	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0030	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0035	Minor Traf Devices	8120170	1.000	LSUM
0040	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0045	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0050	Traf Regulator Control	8120370	1.000	LSUM
0055	Slope Restoration, Non-Freeway, Type A	8162001	500.000	Syd



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 067

**Letting Date:** December 2, 2022

**Contract ID:** 73033-211095

**Description:** 2.01 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-84 from McCarty Road northerly to Kochville Road, Saginaw County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211095A	23A0089	N/A	NH 73033

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$168,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	58.000	Ft
0015	Excavation, Earth	2050016	28.000	Cyd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0025	Subbase, CIP	3010002	28.000	Cyd
0030	Aggregate Base	3020001	5.000	Ton
0035	Dr Structure Cover, Adj, Case 1, Modified	4030004	60.000	Ea
0040	Cold Milling HMA Surface	5010002	80,300.000	Syd
0045	Bump Grinding	5010004	2,000.000	Syd
0050	HMA Surface, Rem	5010005	84.000	Syd
0055	HMA Quality Initiative	5010007	15,750.000	Dlr
0060	Pavt for Butt Joints, Rem	5010008	2,000.000	Syd
0065	Longit Joint Density Quality Initiative	5010018	42,000.000	Dlr
0070	Pavt Joint and Crack Repr, Det 7	5010020	3,000.000	Ft
0075	Pavt Joint and Crack Repr, Det 8	5010021	10,000.000	Ft
0080	Hand Patching	5010025	1,200.000	Ton
0085	HMA Approach, High Stress	5010520	275.000	Ton
0090	HMA, 5EML, High Stress	5012085	6,400.000	Ton
0095	Conc Base Cse, Nonreinf, 6 inch	6020015	7.000	Syd
0100	Curb and Gutter, Conc, Det F1	8020035	58.000	Ft
0105	Detectable Warning Surface	8030010	58.000	Ft
0110	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0115	Curb Ramp, Conc, 6 inch	8032002	725.000	Sft
0120	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	3,550.000	Ft
0125	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	500.000	Ft
0130	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	22.000	Ea
0135	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	11.000	Ea
0140	Recessing Pavt Mrkg, Longit	8110450	32,500.000	Ft

0145	Recessing Pavt Mrkg, Transv	8110451	700.000	Sft
0150	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	7,500.000	Ft
0155	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	25,000.000	Ft
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0170	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0185	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0195	Ltg for Night Work	8120160	1.000	LSUM
0200	Minor Traf Devices	8120170	1.000	LSUM
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,000.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,000.000	Ft
0215	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0220	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0225	Sign Cover	8120310	6.000	Ea
0230	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0235	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0255	Pedestrian Path, Temp	8122250	100.000	Ft
0260	Pedestrian Ramp, Temp	8122251	5.000	Ea
0265	_ Turf Establishment, Performance	8167011	2,500.000	Syd
0270	Radar Vehicle Presence Stop-Bar Detector System	8200510	6.000	Ea
0275	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	18.000	Ea
0280	Monument Box	8210001	4.000	Ea
0285	Monument Preservation	8210010	4.000	Ea
0290	Protect Corners	8210020	4.000	Ea
0295	Gate Box, Adj, Case 1	8230431	20.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 068

**Letting Date:** December 2, 2022

**Contract ID:** 20015-201971

**Description:** 136.29 mi of freeway signing upgrades, overhead sign structures, guardrail and install delineators along I-75 from the south of city limits of West Branch to the north city limits of Mackinaw City, Ogemaw, Roscommon, Crawford, Otsego, Cheboygan and Emmet Counties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201971A	23A0036	N/A	IMG 20015

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$526,500.00	1100001	1.000	LSUM
0010	Embankment, CIP	2050010	37.000	Cyd
0015	Excavation, Earth	2050016	32.000	Cyd
0020	Guardrail, Type T	8070002	25.000	Ft
0025	Guardrail, Type MGS-8	8070004	188.000	Ft
0030	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0035	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0040	Guardrail, Reconst, Type T	8070109	127.000	Ft
0045	Band, Sign	8100010	3.000	Ea
0050	Bridge Sign Connection, Bolt Replacement	8100020	6.000	Ea
0055	Bridge Sign Connection, Conc, Type A1	8100031	71.000	Ea
0060	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
0065	Bridge Sign Connection, Steel, Type H	8100067	1.000	Ea
0070	Bridge Sign Connection, Type A, Rem	8100080	70.000	Ea
0075	Bridge Sign Connection, Type E, Rem	8100084	1.000	Ea
0080	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
0085	Cantilever, Type E	8100104	1.000	Ea
0090	Column, Breakaway, W8 x 13	8100120	144.000	Ea
0095	Column, Breakaway, W8 x 18	8100121	92.000	Ea
0100	Delineator Reflector, Red	8100131	971.000	Ea
0105	Delineator Reflector, Yellow	8100132	133.000	Ea
0110	Delineator Reflector, Green	8100133	850.000	Ea
0115	Delineator Reflector, White	8100134	5,828.000	Ea
0120	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	311.000	Ea
0125	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	99.000	Ea
0130	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	133.000	Ea

0135	Fdn, Breakaway, W8 x 13	8100160	138.000	Ea
0140	Fdn, Breakaway, W8 x 18	8100161	92.000	Ea
0145	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	26.000	Ft
0150	Fdn, Column Breakaway, Rem	8100220	206.000	Ea
0155	Fdn, Truss Sign Structure Type E, 48 inch dia, Cased	8100250	138.000	Ft
0160	Fdn, Truss, Rem	8100260	6.000	Ea
0165	Fdn, Wood Support, Rem	8100280	1,173.000	Ea
0170	Installing MDOT Supplied Sign, Type I	8100300	2.000	Ea
0175	Installing MDOT Supplied Sign, Type II	8100301	3.000	Ea
0180	Installing MDOT Supplied Sign, Type III	8100302	170.000	Ea
0185	Median Barrier Connection, Conc	8100310	4.000	Ea
0190	Perforated Steel Square Tube Breakaway System	8100330	236.000	Ea
0195	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	12.000	Ea
0200	Delineator, Rem	8100349	7,500.000	Ea
0205	Post, Flexible, Delineator	8100360	864.000	Ea
0210	Post, Rigid, Delineator	8100361	6,678.000	Ea
0215	Post, Steel, 3 pound	8100371	33,003.000	Ft
0220	Post, Wood, 4 inch by 6 inch	8100380	7,951.000	Ft
0225	Post, Wood, 6 inch by 8 inch	8100382	7,422.000	Ft
0230	Sign, Type I, Rem	8100391	288.000	Ea
0235	Sign, Type IA	8100392	24,572.000	Sft
0240	Sign, Type IB	8100393	1,016.000	Sft
0245	Sign, Type II, Erect, Salv	8100396	4.000	Ea
0250	Sign, Type II, Rem	8100397	800.000	Ea
0255	Sign, Type IIA	8100398	6,661.000	Sft
0260	Sign, Type IIB	8100399	2,173.000	Sft
0265	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0270	Sign, Type III, Rem	8100403	1,818.000	Ea
0275	Sign, Type IIIA	8100404	6,320.000	Sft
0280	Sign, Type IIIB	8100405	3,972.000	Sft
0285	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0290	Sign, Type V, Rem	8100421	4.000	Ea
0295	Sign, Type VA	8100424	306.000	Sft
0300	Sign, Type VB	8100425	4,300.000	Sft
0305	Truss, Rem	8100440	3.000	Ea
0310	Truss, Type E, 85 foot	8100491	1.000	Ea
0315	Truss, Type E, 100 foot	8100494	1.000	Ea
0320	Reflective Panel for Permanent Sign Support, 3 foot	8100613	476.000	Ea
0325	Reflective Panel for Permanent Sign Support, 6 foot	8100616	681.000	Ea
0330	Sign, Type II, Rem, Salv	8102002	5.000	Ea
0335	Ground Mtd Sign Support, Rem	8102010	3,656.000	Ea
0340	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	7.000	Ft
0345	Barricade, Type III, High Intensity, Double Sided,	8120012	15.000	Ea

	Lighted, Furn			
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0355	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0365	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0370	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0375	Conc Barrier, Temp, Furn	8120081	250.000	Ft
0380	Conc Barrier, Temp, Oper	8120082	250.000	Ft
0385	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0390	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0395	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0405	Ltg for Night Work 0.5% of total before LSUM	8120160	1.000	LSUM
0410	Minor Traf Devices	8120170	1.000	LSUM
0415	Mobile Attenuator	8120180	2.000	Ea
0420	Plastic Drum, Fluorescent, Furn	8120252	3,410.000	Ea
0425	Plastic Drum, Fluorescent, Oper	8120253	3,410.000	Ea
0430	Sign Cover	8120310	5.000	Ea
0435	Sign Cover, Type I	8120320	2.000	Ea
0440	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	7.000	Ea
0445	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	7.000	Ea
0450	Sign, Type A, Temp, Prismatic, Furn	8120340	440.000	Sft
0455	Sign, Type A, Temp, Prismatic, Oper	8120341	440.000	Sft
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	4,044.000	Sft
0465	Sign, Type B, Temp, Prismatic, Oper	8120351	4,044.000	Sft
0470	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	440.000	Sft
0475	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	440.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0485	Speed Radar Trailer, Temp	8122028	2.000	Ea
0490	Slope Restoration, Freeway, Type A	8162013	4,361.000	Syd
0495	Slope Restoration, Freeway, Type B	8162014	673.000	Syd
0500	Contractor Staking	8240001	1.000	LSUM
0505	Staking Plan Errors and Extras, Max \$180/hour	8240002	55.000	Hr





**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 069

**Letting Date:** December 2, 2022

**Contract ID:** 211044A

**Description:** 0.36 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, drainage structure repairs, brick paver crosswalk removals and pavement markings on I-75BS from Power Canal to Portage Avenue in Sault Ste Marie, Chippewa County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211044A	23A0107	N/A	ST 17032

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$66,500.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	777.000	Ft
0015	Pavt, Rem	2040050	1,313.000	Syd
0020	Sidewalk, Rem	2040055	254.000	Syd
0025	Excavation, Earth	2050016	82.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0035	Aggregate Base	3020001	30.000	Ton
0040	Aggregate Base, 6 inch	3020016	1,434.000	Syd
0045	Dr Structure Cover, Adj, Case 1	4030005	25.000	Ea
0050	Dr Structure Cover, Adj, Case 2	4030006	9.000	Ea
0055	Dr Structure Cover, Type K	4030050	1.000	Ea
0060	_ Dr Structure Repr, Add Depth, Flexible Pavt	4037001	56.000	Ft
0065	_ Dr Structure, Cementitious Coating	4037001	22.000	Ft
0070	_ Dr Structure Repr, Flexible Pavt	4037050	21.000	Ea
0075	Cold Milling HMA Surface	5010002	9,572.000	Syd
0080	Bump Grinding	5010004	100.000	Syd
0085	HMA Surface, Rem	5010005	76.000	Syd
0090	HMA Quality Initiative	5010007	3,184.000	Dlr
0095	Longit Joint Density Quality Initiative	5010018	6,100.000	Dlr
0100	Hand Patching	5010025	37.000	Ton
0105	HMA Approach	5010061	592.000	Ton
0110	HMA, 5EML	5012037	963.000	Ton
0115	Curb and Gutter, Conc, Det C4	8020023	377.000	Ft
0120	Curb Ramp Opening, Conc	8030030	431.000	Ft
0125	Sidewalk, Clay Brick Pavers, Rem	8030051	6,046.000	Sft
0130	_ Detectable Warning Surface, Modified	8037001	480.000	Ft
0135	_ Brick Pavers, Rem and Salv	8037010	283.000	Sft

0140	_ Curb Ramp, Conc, 6 inch, Decorative	8037010	8,292.000	Sft
0145	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	283.000	Sft
0150	Post, Steel, 3 pound	8100371	105.000	Ft
0155	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0160	Sign, Type IIIB	8100405	44.000	Sft
0165	Sign, Type III, Rem, Salv	8102003	10.000	Ea
0170	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,350.000	Ft
0175	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	450.000	Ft
0180	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	163.000	Ft
0185	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,970.000	Ft
0190	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,790.000	Ft
0195	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,970.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	2,790.000	Ft
0205	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0210	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0215	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
0220	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0225	Recessing Pavt Mrkg, Longit	8110450	5,760.000	Ft
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0235	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea
0240	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
0245	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0255	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0265	Ltg for Night Work	8120160	1.000	LSUM
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	650.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	650.000	Sft
0285	Traf Regulator Control	8120370	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	200.000	Ft
0295	Pedestrian Ramp, Temp	8122251	6.000	Ea
0300	Slope Restoration, Non-Freeway, Type B	8162002	142.000	Syd
0305	Hh, Adj	8182328	13.000	Ea
0310	TS Face, Bag	8200458	5.000	Ea
0315	TS Face, Bag, Rem	8200459	5.000	Ea
0320	Monument Preservation	8210010	4.000	Ea
0325	Gate Box, Adj, Case 1	8230431	8.000	Ea
0330	Contractor Staking	8240001	1.000	LSUM
0335	Staking Plan Errors and Extras, Max \$180/hour	8240002	7.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 070

**Letting Date:** December 2, 2022

**Contract ID:** 76012-208867

**Description:** 7.21 mi of single course chip seal with fog seal, bump grinding, shoulder gravel, pavement markings, culvert removal, construction of proposed culvert on Wilkinson and M-52 to Johnstone and M-52 Northbound and Southbound on Shiawassee County This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208867A	N/A	N/A	M 76012
211344A	23A0106	N/A	ST 76012

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$330,400.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.000	Acre
0015	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0020	Guardrail, Rem	2040035	1,500.000	Ft
0025	Embankment, CIP	2050010	2,700.000	Cyd
0030	Excavation, Earth	2050016	12,000.000	Cyd
0035	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0045	Erosion Control, Silt Fence	2080036	2,400.000	Ft
0050	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	900.000	Syd
0055	Subbase, CIP	3010002	1,950.000	Cyd
0060	Aggregate Base, 6 inch	3020016	3,600.000	Syd
0065	Shld, CI II	3070121	451.000	Ton
0070	_ Shld, CL II, Modified	3077031	560.000	Ton
0075	Culv End Sect, 15 inch	4010015	1.000	Ea
0080	Culv End Sect, Footing	4010072	1.000	Ea
0085	Sewer, CI A, 12 inch, Tr Det A	4020004	151.000	Ft
0090	Sewer, CI A, 15 inch, Tr Det A	4020005	84.000	Ft
0095	Sewer, CI A, 12 inch, Tr Det B	4020033	326.000	Ft
0100	Sewer, CI A, 15 inch, Tr Det B	4020034	33.000	Ft
0105	Video Taping Sewer and Culv Pipe	4021275	594.000	Ft
0110	Dr Structure Cover, Type B	4030010	3.000	Ea
0115	Dr Structure Cover, Type C	4030015	5.000	Ea
0120	Dr Structure, 48 inch dia	4030210	8.000	Ea
0125	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	22.000	Ft

0130	Bump Grinding	5010004	500.000	Syd
0135	HMA Surface, Rem	5010005	3,400.000	Syd
0140	HMA Quality Initiative	5010007	2,500.000	Dlr
0145	Longit Joint Density Quality Initiative	5010018	2,150.000	Dlr
0150	Pavt Joint and Crack Repr, Det 7	5010020	500.000	Ft
0155	Hand Patching	5010025	45.000	Ton
0160	HMA Approach	5010061	1,060.000	Ton
0165	Overband Crack Fill, Lane	5020003	15.380	Lnmi
0170	Seal, Fog	5050015	147,300.000	Syd
0175	Chip Seal, Single, Warranty	5050040	147,300.000	Syd
0180	Curb and Gutter, Conc, Det D2	8020031	1,400.000	Ft
0185	Guardrail, Type MGS-8	8070004	850.000	Ft
0190	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0195	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0200	Guardrail Reflector	8070080	84.000	Ea
0205	Guardrail, Curved, Type B-CRT	8072154	55.000	Ft
0210	Guardrail, Type MGS-8, 108 inch Post	8072180	480.000	Ft
0215	Delineator Reflector, Green	8100133	4.000	Ea
0220	Post, Rigid, Delineator	8100361	4.000	Ea
0225	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0235	Pavt Mrkg, Waterborne, 6 inch, White	8110233	75,160.000	Ft
0240	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	21,070.000	Ft
0245	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	75,160.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	21,070.000	Ft
0255	Rem Spec Mrkg	8110343	430.000	Sft
0260	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0275	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	170.000	Ea
0280	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	170.000	Ea
0285	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0295	Minor Traf Devices	8120170	1.000	LSUM
0300	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0305	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0310	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	200.000	Ea
0315	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,800.000	Ea
0320	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0325	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0335	Sign, Portable, Changeable Message, NTCIP-	8120333	2.000	Ea

	Compliant, Oper			
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	492.000	Sft
0345	Sign, Type B, Temp, Prismatic, Oper	8120351	492.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0355	Slope Restoration, Non-Freeway, Type C	8162003	5,210.000	Syd
0360	Centerline Corrugations, Milled, HMA	8220013	37,570.000	Ft
0365	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	1,210.000	Ft

**Section: 2**

0370	_ Structures, Rem (C02 of 76012)	2047051	1.000	LSUM
0375	Backfill, Structure, CIP	2060002	5,401.000	Cyd
0380	Excavation, Fdn	2060010	6,816.000	Cyd
0385	Erosion Control, Filter Bag	2080014	5.000	Ea
0390	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0395	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0400	Erosion Control, Sand Bag	2080028	200.000	Ea
0405	Erosion Control, Turbidity Curtain, Shallow	2080044	40.000	Ft
0410	_ Liner, PVC, 30 mil	2087011	1,001.000	Syd
0415	Underdrain, Fdn, 6 inch	4040033	429.000	Ft
0420	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0425	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0430	Culv Bedding, Box Culv	4060005	161.000	Cyd
0435	_ Culv, Precast Conc Box, 14 foot by 12 foot	4067001	192.000	Ft
0440	Steel Sheet Piling, Permanent	7040001	468.000	Sft
0445	Cofferdams (C02 of 76012)	7040007	1.000	LSUM
0450	Cofferdams, Left in Place (C02 of 76012)	7040009	1.000	LSUM
0455	Reinforcement, Steel, Epoxy Coated	7060092	3,798.000	Lb
0460	Conc, Grade 3500HP	7062002	42.000	Cyd
0465	Shear Developers	7070040	1.000	LSUM
0470	Joint Waterproofing	7100001	132.000	Sft
0475	_ Riprap, Inside Culvert, Class II	8137031	504.000	Ton
0480	_ Riprap, Spec, Class II	8137031	1,095.000	Ton



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 071

**Letting Date:** December 2, 2022

**Contract ID:** 77091-201174

**Description:** 0.15 mi of intersection reconstruction to a single lane roundabout with signal removal, lighting, drainage improvements, signing and pavement markings on M-136 at North Road, St. Clair County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201174A	23A0108	N/A	CPMG 77091

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$118,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.100	Acre
0015	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Curb and Gutter, Rem	2040020	145.000	Ft
0035	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0040	Pavt, Rem	2040050	3,450.000	Syd
0045	Exploratory Investigation, Vertical	2040080	20.000	Ft
0050	Embankment, CIP	2050010	1,740.000	Cyd
0055	Excavation, Earth	2050016	6,590.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0070	_ Non Haz Contaminated Material Handling and Disposal (PFAS), LM	2057021	680.000	Cyd
0075	Erosion Control, Check Dam, Stone	2080012	220.000	Ft
0080	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0085	Erosion Control, Maintenance, Sediment Rem	2080026	15.000	Cyd
0090	Erosion Control, Sediment Trap	2080034	11.000	Ea
0095	Erosion Control, Silt Fence	2080036	1,630.000	Ft
0100	Subbase, CIP	3010002	4,700.000	Cyd
0105	Aggregate Base, 6 inch	3020016	6,680.000	Syd
0110	Aggregate Base, 10 inch	3020026	10.000	Syd
0115	_ Aggregate Base, 13 inch	3027011	440.000	Syd
0120	Driveway Maintenance, Residential	3062001	5.000	Ea
0125	_ Approach, CI II, Modified	3077031	235.000	Ton
0130	_ Shld, CI II, Modified	3077031	110.000	Ton
0135	Culv End Sect, 12 inch	4010012	6.000	Ea

0140	Culv End Sect, Footing	4010072	6.000	Ea
0145	Culv, CI F, 12 inch	4010607	144.000	Ft
0150	Dr Marker Post	4011109	11.000	Ea
0155	Video Taping Sewer and Culv Pipe	4021275	144.000	Ft
0160	Underdrain, Subbase, 6 inch	4040063	800.000	Ft
0165	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0170	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0175	Video Inspection of Underdrain	4040200	800.000	Ft
0180	HMA Surface, Rem	5010005	6,800.000	Syd
0185	HMA Quality Initiative	5010007	9,400.000	Dlr
0190	Pavt for Butt Joints, Rem	5010008	123.000	Syd
0195	Longit Joint Density Quality Initiative	5010018	5,400.000	Dlr
0200	HMA, 3EML	5012013	850.000	Ton
0205	HMA, 4EML, High Stress	5012073	570.000	Ton
0210	HMA, 5EML, High Stress	5012085	430.000	Ton
0215	Joint, Contraction, Cp	6020200	160.000	Ft
0220	Joint, Expansion, E2	6020207	40.000	Ft
0225	_ Conc Pavt, Decorative, Nonreinf, 12 inch	6027011	300.000	Syd
0230	_ Conc Pavt, Decorative, Nonreinf, 6 inch	6027011	440.000	Syd
0235	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	10.000	Syd
0240	Curb, Conc, Det E1	8020001	235.000	Ft
0245	Curb and Gutter, Conc, Det B2	8020016	1,160.000	Ft
0250	Shld Gutter, Conc, Det 2	8020056	6.000	Ea
0255	Spillway, Conc	8020075	75.000	Ft
0260	_ Curb and Gutter, Conc, Det B2, Modified	8027001	1,063.000	Ft
0265	_ Curb and Gutter, Conc, Det D1, Modified	8027001	300.000	Ft
0270	_ Curb and Gutter, Conc, Det D2, Modified	8027001	22.000	Ft
0275	Post, Mailbox	8070095	2.000	Ea
0280	Delineator Reflector, Green	8100133	12.000	Ea
0285	Fdn, Wood Support, Rem	8100280	16.000	Ea
0290	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
0295	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
0300	Delineator, Rem	8100349	9.000	Ea
0305	Post, Rigid, Delineator	8100361	6.000	Ea
0310	Post, Steel, 3 pound	8100371	367.000	Ft
0315	Post, Wood, 4 inch by 6 inch	8100380	92.000	Ft
0320	Post, Wood, 6 inch by 8 inch	8100382	42.000	Ft
0325	Sign, Type II, Rem	8100397	2.000	Ea
0330	Sign, Type IIA	8100398	8.000	Sft
0335	Sign, Type IIB	8100399	24.000	Sft
0340	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0345	Sign, Type III, Rem	8100403	67.000	Ea
0350	Sign, Type IIIA	8100404	56.000	Sft
0355	Sign, Type IIIB	8100405	136.000	Sft
0360	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea

0365	Sign, Type III, Rem, Salv	8102003	4.000	Ea
0370	Ground Mtd Sign Support, Rem	8102010	40.000	Ea
0375	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	3.000	Ea
0380	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,400.000	Ft
0385	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	4,170.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	70.000	Ft
0395	Recessing Pavt Mrkg, Longit	8110450	7,570.000	Ft
0400	Recessing Pavt Mrkg, Transv	8110451	70.000	Sft
0405	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0415	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	2,090.000	Ft
0425	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,100.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,100.000	Ft
0435	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	400.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0445	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0450	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0455	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	37.000	Ft
0460	Sign Cover	8120310	60.000	Ea
0465	Sign Cover, Type I	8120320	3.000	Ea
0470	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0475	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0480	Sign, Type A, Temp, Prismatic, Furn	8120340	109.000	Sft
0485	Sign, Type A, Temp, Prismatic, Oper	8120341	109.000	Sft
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	2,778.000	Sft
0495	Sign, Type B, Temp, Prismatic, Oper	8120351	2,778.000	Sft
0500	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	357.000	Sft
0505	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	357.000	Sft
0510	Temp Rumble Strips (Orange), Stop Condition	8122186	1,100.000	Ft
0515	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	540.000	Ft
0520	Reflective Panel for Temp Sign Support, Furn	8122198	8.000	Ea
0525	Reflective Panel for Temp Sign Support, Oper	8122199	8.000	Ea
0530	Riprap, Plain	8130010	45.000	Syd
0535	Site Preparation, Max \$2,500.00	8150001	1.000	LSUM
0540	Watering and Cultivating, First Season, Min \$1,200.00	8150002	1.000	LSUM
0545	Watering and Cultivating, 2nd Season, Min \$1,500.00	8150003	1.000	LSUM
0550	Panicum virgatum 'Northwind', #2 cont.	8152573	84.000	Ea



0555	Picea abies, 4 foot	8152740	4.000	Ea
0560	Picea glauca, 4 foot	8152757	4.000	Ea
0565	_ Steel Landscape Edging, 4 inch	8157001	135.000	Ft
0570	_ Landscape Fabric	8157011	330.000	Syd
0575	_ Decorative Stone, Meramec Rock	8157021	55.000	Cyd
0580	_ Mulch, Shredded Bark	8157021	20.000	Cyd
0585	_ Amelanchier laevis, 1 1/2 inch	8157050	5.000	Ea
0590	Slope Restoration, Non-Freeway, Type B	8162002	8,100.000	Syd
0595	Conduit, Rem	8182000	605.000	Ft
0600	Cable Pole, TS, Dismant	8182210	1.000	Ea
0605	Hh, Rem	8182330	6.000	Ea
0610	Wood Pole, Rem	8182363	1.000	Ea
0615	Serv Disconnect, Rem	8182367	1.000	Ea
0620	Controller and Cabinet, Rem	8200030	1.000	Ea
0625	Span Wire, Rem	8200141	1.000	Ea
0630	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0635	Sign Optical, Rem	8200372	3.000	Ea
0640	Monument Box	8210001	1.000	Ea
0645	Monument Preservation	8210010	1.000	Ea
0650	Contractor Staking	8240001	1.000	LSUM
0655	Staking Plan Errors and Extras, Max \$180/hour	8240002	13.000	Hr

---



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 072

**Letting Date:** December 2, 2022

**Contract ID:** 46082-208682

**Description:** 3.69 mi of hot mix asphalt cold milling with single course overlay, shoulder gravel, centerline and shoulder corrugations, sidewalk ramp upgrades and pavement markings on M-50 from River Raisin to Ridge Highway in the city of Tecumseh, Lenawee County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208682A	N/A	N/A	M 46082

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$100,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	44.000	Ft
0015	Pavt, Rem	2040050	10.000	Syd
0020	Sidewalk, Rem	2040055	18.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0035	Shld, CI II	3070121	500.000	Ton
0040	Dr Structure, Temp Lowering	4030390	4.000	Ea
0045	_ Adjusting Drainage Structure, Case 1, Modified	4037050	4.000	Ea
0050	Pavt, Cleaning	5010001	1.000	LSUM
0055	Cold Milling HMA Surface	5010002	67,276.000	Syd
0060	HMA Surface, Rem	5010005	10.000	Syd
0065	HMA Quality Initiative	5010007	11,840.000	Dlr
0070	Longit Joint Density Quality Initiative	5010018	25,700.000	Dlr
0075	Hand Patching	5010025	2.000	Ton
0080	HMA Approach	5010061	197.000	Ton
0085	HMA, 5EML	5012037	5,111.000	Ton
0090	HMA, 5EML, High Stress	5012085	610.000	Ton
0095	Conc Base Cse, Nonreinf, 8 inch	6020019	10.000	Syd
0100	Curb and Gutter, Conc, Det B2	8020016	20.000	Ft
0105	Curb Ramp Opening, Conc	8030030	24.000	Ft
0110	Curb Ramp, Conc, 4 inch	8032001	185.000	Sft
0115	_ Detectable Warning Surface, Metal	8037001	20.000	Ft
0120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	42.000	Ea
0125	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0135	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	100.000	Ft

0140	Pavt Mrkg, Waterborne, 6 inch, White	8110233	39,820.000	Ft
0145	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	18,223.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	39,820.000	Ft
0155	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	18,223.000	Ft
0160	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0165	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0205	Sign Cover	8120310	5.000	Ea
0210	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0215	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0225	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	850.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,750.000	Ft
0245	Fertilizer, Chemical Nutrient, CI A	8160020	2.000	Lb
0250	Mulch	8160025	31.000	Syd
0255	Seeding, Mixture TUF	8160042	3.000	Lb
0260	Topsoil Surface, Furn, 4 inch	8160062	31.000	Syd
0265	Wireless Vehicle Sensor Node	8200425	12.000	Ea
0270	Centerline Corrugations, Milled, HMA	8220013	19,400.000	Ft
0275	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	1,600.000	Ft



11/9/2022 4:15 PM

AASHTOWare Project™ Version 4.5 Revision 027

### Schedule of Pay Items

Report v1

**Letting Call:** 221202 073

**Letting Date:** December 2, 2022

**Contract ID:** 35012-201955

**Description:** 47.23 mi of removal and installation of non-freeway delineators on various routes, Alcona, Iosco and Montmorency Counties.

#### Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201955A	23A0088	N/A	HSIP 35012

#### List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$14,400.00	1100001	1.000	LSUM
0010	Exploratory Investigation, Vertical	2040080	100.000	Ft
0015	Delineator Reflector, Green	8100133	350.000	Ea
0020	Delineator Reflector, White	8100134	2,850.000	Ea
0025	Delineator, Rem	8100349	2,000.000	Ea
0030	Post, Rigid, Delineator	8100361	1,600.000	Ea
0035	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	21,000.000	Ft
0040	_ Hand Digging Sign Post	8107050	125.000	Ea
0045	_ Post, Flexible, Delineator, Replaceable	8107050	630.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0055	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Mobile Attenuator	8120180	2.000	Ea
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	32.000	Sft
0075	Sign, Type B, Temp, Prismatic, Oper	8120351	32.000	Sft
0080	Contractor Staking	8240001	1.000	LSUM
0085	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 205

**Letting Date:** December 2, 2022

**Contract ID:** 23071-208759

**Description:** 8.50 mi of hot mix asphalt cold milling and resurfacing including widening, chip seal, traffic signal modernization, rectangular rapid flashing beacon installation, overhead flashing beacon installation, sidewalk ramp upgrades, signing and pavement markings, on M-100 from Strange Highway to Willow Highway and from Front Street to Grand River Avenue, and on M-100 and M-43 (Jefferson Street) at Taylor and M-21 at Hollister in the cities of Grand Ledge and Ovid, Eaton and Clinton Counties. This project includes a three year materials and workmanship warranty and a two year chip seal warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208759A	N/A	N/A	M 23071
208768A	22A1083	N/A	ST 23072
211087A	22A1060	N/A	CM 23072
213521A	N/A	N/A	M 23072

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	_ Railroad Protection, at Grade Crossing, CSX Transportation	1027060	10,000.000	Dlr
0010	Mobilization, Max \$258,000.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	837.000	Ft
0020	Pavt, Rem	2040050	215.000	Syd
0025	Sidewalk, Rem	2040055	458.000	Syd
0030	Exploratory Investigation, Vertical	2040080	40.000	Ft
0035	Embankment, CIP	2050010	130.000	Cyd
0040	Excavation, Earth	2050016	625.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0050	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0055	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0060	Erosion Control, Silt Fence	2080036	814.000	Ft
0065	Project Cleanup	2090001	1.000	LSUM
0070	Subbase, CIP	3010002	464.000	Cyd
0075	Aggregate Base, 4 inch	3020010	518.000	Syd
0080	Aggregate Base, 6 inch	3020016	831.000	Syd
0085	Shld, CI II	3070121	2,830.000	Ton
0090	Shld, CI II, 4 inch	3070126	13.000	Syd
0095	Sewer, CI A, 12 inch, Tr Det B	4020033	15.000	Ft
0100	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0105	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0110	Dr Structure Cover, Type B	4030010	4.000	Ea

0115	Dr Structure Cover, Type K	4030050	2.000	Ea
0120	Dr Structure, 24 inch dia	4030200	2.000	Ea
0125	Dr Structure, Cleaning	4030290	1.000	Ea
0130	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0135	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0140	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0145	Underdrain, Subbase, 6 inch	4040063	424.000	Ft
0150	Pavt, Cleaning	5010001	1.000	LSUM
0155	Cold Milling HMA Surface	5010002	111,152.000	Syd
0160	HMA Surface, Rem	5010005	263.000	Syd
0165	HMA Quality Initiative	5010007	20,174.000	Dlr
0170	Longit Joint Density Quality Initiative	5010018	44,324.000	Dlr
0175	Hand Patching	5010025	28.000	Ton
0180	HMA Approach	5010061	367.000	Ton
0185	HMA Approach, High Stress	5010520	147.000	Ton
0190	HMA, 5EML	5012037	8,065.000	Ton
0195	HMA, 5EML, High Stress	5012085	1,467.000	Ton
0200	Overband Crack Fill, Lane	5020003	1.800	Lnmi
0202	Seal, Fog	5050015	15,681.000	Syd
0205	Chip Seal, Single, Warranty	5050040	15,681.000	Syd
0210	Conc Pavt, Nonreinf, 10 inch	6020108	49.000	Syd
0215	_ Conc Base Cse, Nonreinf, 5 1/2 inch	6027011	22.000	Syd
0220	Curb and Gutter, Conc, Det C3	8020022	43.000	Ft
0225	Curb and Gutter, Conc, Det F2	8020036	20.000	Ft
0230	Curb and Gutter, Conc, Det F3	8020037	11.000	Ft
0235	Curb and Gutter, Conc, Det F4	8020038	112.000	Ft
0240	Curb and Gutter, Conc, Det F6	8020040	410.000	Ft
0245	Detectable Warning Surface	8030010	245.000	Ft
0250	Curb Ramp Opening, Conc	8030030	401.000	Ft
0255	Sidewalk, Conc, 4 inch	8030044	1,085.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	994.000	Sft
0265	Curb Ramp, Conc, 6 inch	8032002	1,461.000	Sft
0270	_ Brick Pavers, Rem and Salv	8037010	488.000	Sft
0275	_ Curb Ramp, Conc, 6 inch, Decorative	8037010	495.000	Sft
0285	Shared use Path, Conc	8060020	66.000	Syd
0290	Shared use Path, Grading	8060030	34.000	Ft
0295	Band, Sign	8100010	8.000	Ea
0300	Post, Steel, 3 pound	8100371	244.000	Ft
0305	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0310	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0315	Sign, Type IIB	8100399	28.000	Sft
0320	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0325	Sign, Type III, Rem	8100403	10.000	Ea
0330	Sign, Type IIIA	8100404	36.000	Sft
0335	Sign, Type IIIB	8100405	105.000	Sft

0340	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0345	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0350	Sign, Type III, Rem, Salv	8102003	5.000	Ea
0355	Ground Mtd Sign Support, Rem	8102010	16.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	90.000	Ft
0365	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0375	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0385	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	890.000	Ft
0390	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	45.000	Ft
0395	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	902.000	Ft
0400	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	345.000	Ft
0405	Pavt Mrkg, Waterborne, 4 inch, White	8110231	38,233.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	33,314.000	Ft
0415	Pavt Mrkg, Waterborne, 6 inch, White	8110233	18,860.000	Ft
0420	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	8,758.000	Ft
0425	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	18,860.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	8,758.000	Ft
0435	Rem Spec Mrkg	8110343	976.000	Sft
0440	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
0445	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0450	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0455	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0460	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0465	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0470	Recessing Pavt Mrkg, Longit	8110450	71,068.000	Ft
0475	Recessing Pavt Mrkg, Transv	8110451	2,008.000	Sft
0480	Pavt Mrkg, Sprayable Thermopl, 6 inch, Solid Turning Guide Line, White	8110574	204.000	Ft
0485	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	36,653.000	Ft
0490	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	395.000	Ft
0495	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	33,314.000	Ft
0500	Pavt Mrkg, Polyurea, Yield Triangle Sym	8112173	10.000	Ea
0505	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0515	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0520	Pedestrian Type II Channelizer, Temp	8120027	50.000	Ft
0525	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0530	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0535	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0545	Minor Traf Devices	8120170	1.000	LSUM
0550	Mobile Attenuator	8120180	5.000	Ea

0555	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	33,865.000	Ft
0560	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	75.000	Ft
0565	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,300.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0575	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0580	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0585	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	300.000	Ft
0590	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	600.000	Ea
0595	Sign Cover	8120310	12.000	Ea
0600	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	11.000	Ea
0605	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	11.000	Ea
0610	Sign, Type A, Temp, Prismatic, Furn	8120340	72.000	Sft
0615	Sign, Type A, Temp, Prismatic, Oper	8120341	72.000	Sft
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	2,208.000	Sft
0625	Sign, Type B, Temp, Prismatic, Oper	8120351	2,208.000	Sft
0630	Traf Regulator Control	8120370	1.000	LSUM
0635	Pedestrian Path, Temp	8122250	93.000	Ft
0640	_ Turf Establishment, Performance	8167011	1,189.000	Syd
0645	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	70.000	Ft
0650	Conduit, Directional Bore, 2, 3 inch	8182037	140.000	Ft
0655	Conduit, DB, 1, 1 1/2 inch	8182048	225.000	Ft
0660	Conduit, DB, 3, 3 inch	8182056	50.000	Ft
0665	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0670	Cable, Rem	8182196	400.000	Ft
0675	Cable, Sec, 600V, 1, 3/C#6	8182238	100.000	Ft
0680	Hh, Polymer Conc	8182309	2.000	Ea
0685	Hh, Round	8182310	7.000	Ea
0690	Hh, Round, 3 foot dia	8182319	1.000	Ea
0695	Hh, Rem	8182330	7.000	Ea
0700	Wood Pole, Rem	8182363	2.000	Ea
0705	Serv Disconnect	8182366	2.000	Ea
0710	Serv Disconnect, Rem	8182367	1.000	Ea
0715	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0720	_ Conduit, DB, 1, 1 inch	8187001	10.000	Ft
0725	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	4.000	Ea
0730	Case Sign, Rem	8200020	1.000	Ea
0735	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
0740	Controller and Cabinet, Rem	8200030	1.000	Ea
0745	Controller Fdn, Base Mtd	8200045	1.000	Ea
0750	Controller Fdn, Rem	8200046	1.000	Ea
0755	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea



0760	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0765	Pedestal, Alum	8200100	9.000	Ea
0770	Pedestal, Fdn	8200105	10.000	Ea
0775	Pedestal Fdn, Rem	8200106	2.000	Ea
0780	Pedestal, Rem	8200110	2.000	Ea
0785	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
0790	Power Co. (Est. Cost to Contractor)	8200116	4,500.000	Dir
0795	Pushbutton and Sign	8200121	10.000	Ea
0800	Pushbutton, Rem	8200122	8.000	Ea
0805	Span Wire	8200140	5.000	Ea
0810	Span Wire, Rem	8200141	1.000	Ea
0815	Span Wire Tether	8200142	4.000	Ea
0820	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0825	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0830	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0835	Cabinet, NEMA Type	8200186	1.000	Ea
0840	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	1.000	Ea
0845	TS, Three Way Span Wire Mtd, One Sect (LED)	8200292	1.000	Ea
0850	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	1.000	Ea
0855	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0860	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
0865	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	4.000	Ea
0870	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
0875	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0880	Emergency Pre-emption, Rem	8200415	2.000	Ea
0885	Emergency Pre-emption, Salv	8200416	2.000	Ea
0890	Hemispherical Video Detection Camera	8200444	1.000	Ea
0895	Hemispherical Video Detection System	8200445	1.000	Ea
0900	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0905	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
0910	Strain Pole Fdn, 6 Bolt	8200470	106.000	Ft
0915	Casing	8200480	72.000	Ft
0920	Cellular Modem, Salv	8200499	1.000	Ea
0925	Backplate, TS	8200501	14.000	Ea
0930	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0935	_ Flsh Beacon, Rectangular Rapid	8207050	2.000	Ea
0940	Centerline Corrugations, Milled, HMA	8220013	17,150.000	Ft
0945	Gate Box, Adj, Case 1	8230431	2.000	Ea
0950	Contractor Staking	8240001	1.000	LSUM
0955	Staking Plan Errors and Extras, Max \$180/hour	8240002	35.000	Hr
0960	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0965	Lightning Protection, Pole	8260021	1.000	Ea



11/4/2022 7:30 AM

AASHTOWare Project™ Version 4.5 Revision 027

**Schedule of Pay Items**

Report v1

**Letting Call:** 221202 248

**Letting Date:** December 2, 2022

**Contract ID:** 28000-208098

**Description:** 2.36 mi of hot mix asphalt cold milling and resurfacing, chip seal interlayer and pavement markings on Veterans Drive from Airport Road northerly to the south city limits of Traverse City and on Cedar Run Road from west of Harris Road easterly to Long Lake Road, Grand Traverse County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208098A	22A0926	N/A	STUL 28000
208192A	22A0910	N/A	STUL 28000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0005	Mobilization, Max \$92,000.00	1100001	1.000	LSUM
0010	Approach, CI II	3070021	53.000	Ton
0015	Shld, CI II	3070121	370.000	Ton
0020	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0025	Cold Milling HMA Surface	5010002	26,840.000	Syd
0030	Pavt for Butt Joints, Rem	5010008	6,427.000	Syd
0035	HMA Approach	5010061	262.000	Ton
0040	HMA, 5EML	5012037	5,104.000	Ton
0045	HMA, 5EML, High Stress	5012085	472.000	Ton
0050	Seal, Single Chip	5050001	56,330.000	Syd
0055	Curb Slp, HMA	8050010	1,582.000	Ft
0060	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	76.000	Ft
0065	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0070	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0075	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	2.000	Ea
0080	Recessing Pavt Mrkg, Longit	8110450	54,215.000	Ft
0085	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	27,489.000	Ft
0090	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	26,726.000	Ft
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0105	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0115	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	9.000	Ea

0125	Minor Traf Devices	8120170	1.000	LSUM
0130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	76.000	Ft
0135	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	615.000	Ft
0140	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	18.000	Ea
0145	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	156.000	Ea
0150	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0155	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	1,214.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	1,214.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Slope Restoration, Non-Freeway, Type C	8162003	805.000	Syd
0180	Monument Box Adj	8210005	2.000	Ea
0185	Gate Box, Adj, Case 1	8230431	4.000	Ea

---