



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 001**Letting Date:** December 1, 2023**Contract ID:** 61000-213627

Description: 0.09 mi of hot mix asphalt surfacing, concrete curb, gutter, sidewalk and ramps on Ruddiman Drive from Whitehall Road northeasterly to Mitzi Street in the city of North Muskegon, Muskegon County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213627A	23A0879	N/A	STUL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$10,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	540.000	Ft
0015	Pavt, Rem	2040050	44.000	Syd
0020	Sidewalk, Rem	2040055	20.000	Syd
0025	Embankment, CIP	2050010	20.000	Cyd
0030	Excavation, Earth	2050016	30.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0040	Aggregate Base, Conditioning	3020050	1,460.000	Syd
0045	Aggregate Base, Conditioning, Surplus and Unsuitable, Rem, LM	3022000	20.000	Cyd
0050	Maintenance Gravel, LM	3060021	20.000	Cyd
0055	Approach, CI I, 6 inch	3070008	155.000	Syd
0060	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0065	HMA Surface, Rem	5010005	1,585.000	Syd
0070	HMA Approach	5010061	20.000	Ton
0075	HMA, 4EL	5012024	275.000	Ton
0080	Conc Base Cse, Nonreinf, 6 inch	6020015	97.000	Syd
0085	Driveway, Nonreinf Conc, 6 inch	8010005	42.000	Syd
0090	Curb and Gutter, Conc, Det F4	8020038	239.000	Ft
0095	Driveway Opening, Conc, Det M	8020050	284.000	Ft
0100	_ Detectable Warning Surface, Modified	8027001	12.000	Ft
0105	Curb Ramp Opening, Conc	8030030	12.000	Ft
0110	Curb Ramp, Conc, 6 inch	8032002	120.000	Sft
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0125	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM

0135	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0140	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	82.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	82.000	Sft
0155	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	18.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	18.000	Sft
0165	_ Slope Restoration	8167011	120.000	Syd
0170	Water Shutoff, Adj, Case 1	8230421	1.000	Ea



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 002**Letting Date:** December 1, 2023**Contract ID:** 78000-217969**Description:** 0.99 mi of hot mix asphalt cold milling and resurfacing, tree removal, and pavement markings on Lutz Road from Fairchild Road to Roys Road, St. Joseph County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
217969A	23A0869	N/A	HRRR 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$54,800.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	109.000	Ea
0015	Tree, Rem, 37 inch or Larger	2020003	27.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	37.000	Ea
0025	Stump, Rem, 19 inch to 36 inch	2020006	110.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	29.000	Ea
0035	Stump, Rem, 6 inch to 18 inch	2020008	37.000	Ea
0040	Project Cleanup	2090001	1.000	LSUM
0045	Shld, CI II	3070121	600.000	Ton
0050	Trenching	3070200	81.000	Sta
0055	Cold Milling HMA Surface	5010002	13,915.000	Syd
0060	HMA Approach	5010061	100.000	Ton
0065	HMA, 4EML	5012025	2,400.000	Ton
0070	Post, Mailbox	8070095	9.000	Ea
0075	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,436.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,307.000	Ft
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0095	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	52.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	52.000	Ea
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	208.000	Ft
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	280.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	280.000	Sft
0125	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	42.000	Sft
0130	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	42.000	Sft

0135	Traf Regulator Control	8120370	1.000	LSUM
0140	Slope Restoration, Non-Freeway, Type A	8162001	1,000.000	Syd



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 003**Letting Date:** December 1, 2023**Contract ID:** 17000-217177

Description: 0.90 mi of Safe Routes to Schools including concrete curb, gutter, sidewalk and ramps signing and pavement markings on various routes in the city of Sault Ste. Marie, Chippewa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217177A	23A1001	N/A	TA 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$35,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	2,250.000	Ft
0015	Pavt, Rem	2040050	925.000	Syd
0020	Sidewalk, Rem	2040055	800.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	58.000	Ea
0030	Subbase, CIP	3010002	950.000	Cyd
0035	Aggregate Base, 4 inch	3020010	1,000.000	Syd
0040	Culv End Sect, 12 inch	4010012	1.000	Ea
0045	Sewer, CI IV, 12 inch, Tr Det B	4020987	18.000	Ft
0050	Sewer Tap, 12 inch	4021204	1.000	Ea
0055	Dr Structure Cover, Adj, Case 1	4030005	58.000	Ea
0060	_ Dr Structure, Type K, Modified	4037050	10.000	Ea
0065	Hand Patching	5010025	155.000	Ton
0070	Curb, Conc, Det E4	8020004	300.000	Ft
0075	Curb and Gutter, Conc, Det C6	8020025	90.000	Ft
0080	Detectable Warning Surface	8030010	485.000	Ft
0085	Curb Ramp Opening, Conc	8030030	2,150.000	Ft
0090	Sidewalk, Conc, 4 inch	8030044	21,500.000	Sft
0095	Sidewalk, Conc, 6 inch	8030046	6,000.000	Sft
0100	Curb Ramp, Conc, 6 inch	8032002	7,500.000	Sft
0105	_ Sidewalk Grading	8037001	5,100.000	Ft
0110	_ Sidewalk Ramp Grading	8037050	74.000	Ea
0115	Curb Slp, HMA	8050010	300.000	Ft
0120	Post, Steel, 3 pound	8100371	198.000	Ft
0125	Sign, Type III, Rem	8100403	20.000	Ea
0130	Sign, Type IIIA	8100404	18.000	Sft
0135	Sign, Type IIIB	8100405	150.000	Sft

0140	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	1,250.000	Ft
0145	Recessing Pavt Mrkg, Transv	8110451	1,250.000	Sft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0160	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0165	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0175	Minor Traf Devices	8120170	1.000	LSUM
0180	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0185	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	304.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	304.000	Sft
0200	Pedestrian Path, Temp	8122250	500.000	Ft
0205	Pedestrian Ramp, Temp	8122251	10.000	Ea
0210	_ Fence, Split Rail	8157001	20.000	Ft
0215	_ Sidewalk Retaining Wall, 6 inch to 48 Inch	8157010	50.000	Sft
0220	Slope Restoration, Non-Freeway, Type A	8162001	4,000.000	Syd
0225	_ Rectangular Rapid Flashing Beacon, Solar Power, Dual	8207050	1.000	Ea
0230	Hydrant, Relocate, Case 2	8230096	3.000	Ea
0235	Water Shutoff, Adj, Case 1	8230421	22.000	Ea
0240	Gate Box, Adj, Case 1	8230431	2.000	Ea



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 004**Letting Date:** December 1, 2023**Contract ID:** 41000-216854

Description: 0.33 mi of construction of concrete sidewalk and storm sewer work along Collindale Avenue NW from Lake Michigan Drive to Burritt Street and Burritt Street west of Collindale Avenue in the city of Grand Rapids, Kent County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216854A	23A1019	N/A	TAU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$43,700.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0015	_ Manhole, Valve Chamber, or Catch Basin, Rem	2037050	1.000	Ea
0020	Curb and Gutter, Rem	2040020	30.000	Ft
0025	Sidewalk, Rem	2040055	70.000	Syd
0030	_ Pavt, Rem, Modified	2047011	570.000	Syd
0035	_ Pathway Grading	2057002	18.000	Sta
0040	_ Unsuitable Soil, Rem and Repl with MDOT CL II	2067021	600.000	Cyd
0045	_ Stormwater Operator's Inspection	2087050	25.000	Ea
0050	_ Dust Control	2087051	1.000	LSUM
0055	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0060	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0065	Project Cleanup	2090001	1.000	LSUM
0070	Subbase, CIP	3010002	700.000	Cyd
0075	Aggregate Base, 8 inch	3020020	190.000	Syd
0080	_ Temporary Gravel Pavement	3067031	100.000	Ton
0085	_ Basin Connection, C76 CI III, 12 inch	4027001	21.000	Ft
0090	_ Storm Sewer, C76 CI III, 12 inch	4027001	366.000	Ft
0095	_ Storm Sewer, C76 CI III, 36 inch	4027001	20.000	Ft
0100	_ Core and Seal 12 inch Storm Sewer into Sewer or Manhole	4027050	3.000	Ea
0105	_ Core and Seal 36 inch Storm Sewer into Sewer or Manhole	4027050	1.000	Ea
0110	_ Core and Seal 6 inch Storm Sewer into Sewer or Manhole	4027050	3.000	Ea
0115	_ Catch basin, 4 foot Dia, per Detail S-3	4037050	1.000	Ea
0120	_ Ditch Basin, 2 foot Dia, per Detail S-8	4037050	4.000	Ea
0125	_ Manhole Casting, Adjust	4037050	8.000	Ea

0130	_ Storm Manhole, 6 foot Dia, per Detail S-1	4037050	1.000	Ea
0135	Underdrain, Subbase, 6 inch	4040063	250.000	Ft
0140	Cold Milling HMA Surface	5010002	250.000	Syd
0145	Hand Patching	5010025	10.000	Ton
0150	HMA, 13A	5010033	55.000	Ton
0155	Driveway, Nonreinf Conc, 6 inch	8010005	300.000	Syd
0160	_ Curb and Gutter, 12 x 6 inch pan, per Detail P-5	8027001	230.000	Ft
0165	Sidewalk, Conc, 4 inch	8030044	8,200.000	Sft
0170	Sidewalk, Conc, 6 inch	8030046	1,200.000	Sft
0175	Curb Ramp, Conc, 6 inch	8032002	290.000	Sft
0180	_ Detectable Warning Surface, Modified	8037001	55.000	Ft
0185	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0190	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	320.000	Ft
0195	Recessing Pavt Mrkg, Transv	8110451	320.000	Sft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0210	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0215	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0225	Minor Traf Devices	8120170	1.000	LSUM
0230	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0235	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	30.000	Sft
0255	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	30.000	Sft
0260	_ Sign, Temp Business, Oper	8127050	2.000	Ea
0265	Site Preparation, Max \$4,000.00	8150001	1.000	LSUM
0270	_ Platinus x acerifolia, London Planetree, 3 inch	8157050	5.000	Ea
0275	_ Protect Tree, per Detail M-2	8157050	3.000	Ea
0280	_ Tree Irrigation Bag	8157050	14.000	Ea
0285	_ Ulmus davidiana var. japonica 'Morton', Accolade Elm, 3 inch	8157050	7.000	Ea
0290	_ Ulmus x 'Frontier', Frontier Elm, 3 inch	8157050	2.000	Ea
0295	_ Watering and Cultivating, Special	8157051	1.000	LSUM
0300	_ Mulch Blanket, Modified	8167011	1,000.000	Syd
0305	_ Turf Establishment	8167011	3,100.000	Syd
0310	_ Turf Watering	8167050	10.000	Ea
0315	_ Weed Control, Modified	8167050	5.000	Ea
0320	_ Curb Box, Adjust	8237050	8.000	Ea
0325	_ Preconstruction Documentation	8507051	1.000	LSUM
0330	_ Contaminated Material, Storage, Handling and Disposal	8507060	2,000.000	Dlr



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 005**Letting Date:** December 1, 2023**Contract ID:** 39014-122664

Description: Bridge reconstruction with 60-inch steel plate girders, temporary bridge, sanitary sewer, culverts, hot mix asphalt reconstruction, non- motorized path, approach work and pavement markings on US-131 over KL Avenue and Amtrak Railroad, Kalamazoo County. This project includes a 5 year materials and workmanship pavement warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122664A	23A0018	N/A	BFP 39014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$2,211,300.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.410	Acre
0015	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0020	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0025	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0035	Dr Structure, Rem	2030011	26.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	1,818.000	Ft
0045	Sewer, Rem, 24 inch to 48 inch	2030016	378.000	Ft
0050	Curb and Gutter, Rem	2040020	175.000	Ft
0055	Fence, Rem	2040025	396.000	Ft
0060	Guardrail, Rem	2040035	5,125.000	Ft
0065	Masonry and Conc Structure, Rem	2040045	4.000	Cyd
0070	Pavt, Rem	2040050	6,928.000	Syd
0075	Embankment, CIP	2050010	11,827.000	Cyd
0080	Excavation, Earth	2050016	18,606.000	Cyd
0085	Machine Grading	2050030	5.000	Sta
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	450.000	Cyd
0095	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	128.000	Ft
0105	Erosion Control, Filter Bag	2080014	4.000	Ea
0110	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0115	Erosion Control, Gravel Filter Berm	2080018	360.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0125	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0130	Erosion Control, Maintenance, Sediment Rem	2080026	26.000	Cyd

0135	Erosion Control, Sand Bag	2080028	50.000	Ea
0140	Erosion Control, Sediment Trap	2080034	41.000	Ea
0145	Erosion Control, Silt Fence	2080036	4,690.000	Ft
0150	_ Permeable Runoff Structure	2087001	350.000	Ft
0155	Subbase, CIP	3010002	13,130.000	Cyd
0160	Aggregate Base, 6 inch	3020016	23,605.000	Syd
0165	Aggregate Base, 8 inch	3020020	2,400.000	Syd
0170	Shld, CI I, 3 inch	3070105	125.000	Syd
0175	Shld, CI II, 6 inch	3070128	2,393.000	Syd
0180	Shld, CI II, 6 inch, Temp	3070183	435.000	Syd
0185	Culv End Sect, 12 inch	4010012	3.000	Ea
0190	Culv End Sect, 18 inch	4010018	2.000	Ea
0195	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0200	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0205	Culv End Sect, Footing	4010072	4.000	Ea
0210	Culv, CI A, 36 inch	4010136	114.000	Ft
0215	Culv, CI E, 12 inch	4010539	65.000	Ft
0220	Culv, CI F, Conc, 18 inch	4010643	65.000	Ft
0225	Culv, Downspout, 12 inch	4010795	121.000	Ft
0230	Culv, Downspout, 24 inch	4010798	54.000	Ft
0235	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0240	Dr Marker Post	4011109	8.000	Ea
0245	Culv, Outlet Headwall, 12 inch	4012000	2.000	Ea
0250	Culv, Outlet Headwall, 24 inch	4012004	2.000	Ea
0255	Sewer, CI A, 24 inch, Tr Det B	4020036	69.000	Ft
0260	Sewer, CI E, 12 inch, Tr Det B	4020600	1,802.000	Ft
0265	Sewer, CI E, 18 inch, Tr Det B	4020602	17.000	Ft
0270	Sewer, CI E, 36 inch, Tr Det B	4020605	172.000	Ft
0275	Sewer Tap, 12 inch	4021204	2.000	Ea
0280	_ Slotted Drain, Galv, 12 inch, Temp	4027001	870.000	Ft
0285	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0290	Dr Structure Cover, Type B	4030010	3.000	Ea
0295	Dr Structure Cover, Type G	4030040	15.000	Ea
0300	Dr Structure, 24 inch dia	4030200	13.000	Ea
0305	Dr Structure, 48 inch dia	4030210	14.000	Ea
0310	Dr Structure, 60 inch dia	4030220	2.000	Ea
0315	Dr Structure, Adj, Add Depth	4030280	12.000	Ft
0320	_ Dr Structure Cover, Type D, Modified	4037050	3.000	Ea
0325	Cold Milling HMA Surface	5010002	1,556.000	Syd
0330	HMA Surface, Rem	5010005	25,069.000	Syd
0335	HMA Quality Initiative	5010007	12,556.000	Dlr
0340	Longit Joint Density Quality Initiative	5010018	56,300.000	Dlr
0345	HMA Approach	5010061	68.000	Ton
0350	HMA, 3EMH	5012014	2,432.000	Ton
0355	HMA, 4EML	5012025	2,389.000	Ton

0360	HMA, 4EMH	5012026	1,389.000	Ton
0365	HMA, Temp Pavt (4EML)	5012103	3,988.000	Ton
0370	Conc Pavt, Bridge Approach, Reinf	6020600	156.000	Syd
0375	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	424.000	Syd
0380	Curb and Gutter, Conc, Det C4	8020023	270.000	Ft
0385	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0390	Downspout Header, Conc	8020070	3.000	Ea
0395	Curb and Gutter, Bridge Approach, Det 5	8022016	68.000	Ft
0400	Curb and Gutter, Bridge Approach, Det 6A	8022019	34.000	Ft
0405	Curb and Gutter, Bridge Approach, Det 7A	8022020	50.000	Ft
0410	Sidewalk, Conc, 4 inch	8030044	125.000	Sft
0415	Shared use Path, Conc	8060020	400.000	Syd
0420	Shared use Path, Grading	8060030	300.000	Ft
0425	Guardrail Anch, Bridge, Det T1, Temp	8070030	10.000	Ea
0430	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0435	Guardrail Approach Terminal, Type 2M, Temp	8070049	2.000	Ea
0440	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0445	Guardrail Departing Terminal, Type MGS, Temp	8070053	2.000	Ea
0450	Guardrail Reflector	8070080	150.000	Ea
0455	Guardrail Anch, Bridge, Det M4	8070133	8.000	Ea
0460	Guardrail, Temp, Type MGS-8, 108 inch Post	8072005	2,350.000	Ft
0465	Guardrail, Type MGS-8, 72 inch Post	8072179	2,925.000	Ft
0470	Guardrail, Type MGS-8, 108 inch Post	8072180	951.000	Ft
0475	_ Guardrail Approach Terminal, Type 2M, Spec	8077050	3.000	Ea
0480	Fence, Woven Wire with Steel Post	8080002	347.000	Ft
0485	_ Trail Safety Rail	8087001	175.000	Ft
0490	Column, Breakaway, W8 x 13	8100120	6.000	Ea
0495	Column, Breakaway, W8 x 18	8100121	2.000	Ea
0500	Delineator Reflector, Yellow	8100132	35.000	Ea
0505	Delineator Reflector, Green	8100133	2.000	Ea
0510	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	4.000	Ea
0515	Fdn, Breakaway, W8 x 13	8100160	6.000	Ea
0520	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
0525	Fdn, Column Breakaway, Rem	8100220	8.000	Ea
0530	Fdn, Wood Support, Rem	8100280	9.000	Ea
0535	Post, Flexible, Delineator	8100360	4.000	Ea
0540	Post, Rigid, Delineator	8100361	37.000	Ea
0545	Post, Steel, 3 pound	8100371	106.000	Ft
0550	Post, Wood, 4 inch by 6 inch	8100380	74.000	Ft
0555	Post, Wood, 6 inch by 8 inch	8100382	20.000	Ft
0560	Sign, Type I, Erect, Salv	8100390	4.000	Ea
0565	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0570	Sign, Type II, Rem	8100397	4.000	Ea
0575	Sign, Type III, Erect, Salv	8100402	7.000	Ea

0580	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0585	Sign, Type I, Rem, Salv	8102001	4.000	Ea
0590	Sign, Type II, Rem, Salv	8102002	3.000	Ea
0595	Sign, Type III, Rem, Salv	8102003	6.000	Ea
0600	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0605	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	6,970.000	Ft
0610	Pavt Mrkg, Regular Dry, 6 inch, Yellow	8110128	4,830.000	Ft
0615	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	6,970.000	Ft
0620	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, Yellow	8110136	4,830.000	Ft
0625	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	540.000	Ft
0630	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,000.000	Ft
0635	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,250.000	Ft
0640	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	3,460.000	Ft
0645	Rem Spec Mrkg	8110343	100.000	Sft
0650	Recessing Pavt Mrkg, Longit	8110450	21,790.000	Ft
0655	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	13,230.000	Ft
0660	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	10,120.000	Ft
0665	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0675	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0680	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0685	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	5.000	Ea
0690	Conc Barrier Reflector Replacement	8120070	200.000	Ea
0695	Conc Barrier, Temp, Adj	8120080	1,800.000	Ft
0700	Conc Barrier, Temp, Furn	8120081	5,800.000	Ft
0705	Conc Barrier, Temp, Oper	8120082	5,800.000	Ft
0710	Conc Barrier, Temp, Relocated	8120083	7,000.000	Ft
0715	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	100.000	Ea
0720	Delineator, Flexible, Temp, Furn	8120091	10.000	Ea
0725	Delineator, Flexible, Temp, Oper	8120092	10.000	Ea
0730	Glare Screen, Temp	8120094	1,100.000	Ft
0735	Glare Screen, Temp, Relocated	8120095	1,000.000	Ft
0740	Glare Screen, Temp, Complete Sect, Replaced	8120096	20.000	Ea
0745	Tubular Marker	8120097	80.000	Ea
0750	Tubular Marker, Replacement	8120098	40.000	Ea
0755	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0760	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0765	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0770	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0775	Ltg for Night Work	8120160	1.000	LSUM
0780	Minor Traf Devices	8120170	1.000	LSUM
0785	Mobile Attenuator	8120180	2.000	Ea

0790	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,760.000	Ft
0795	Plastic Drum, Fluorescent, Furn	8120252	310.000	Ea
0800	Plastic Drum, Fluorescent, Oper	8120253	310.000	Ea
0805	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	7.000	Ea
0810	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	270.000	Ea
0815	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	270.000	Ea
0820	Sign Cover	8120310	90.000	Ea
0825	Sign Cover, Type I	8120320	4.000	Ea
0830	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0835	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0840	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0845	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0850	Sign, Type B, Temp, Prismatic, Furn	8120350	2,800.000	Sft
0855	Sign, Type B, Temp, Prismatic, Oper	8120351	2,800.000	Sft
0860	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	660.000	Sft
0865	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	660.000	Sft
0870	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	3,750.000	Ft
0875	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	3,750.000	Ft
0880	Conc Barrier, Temp, Limited Deflection, Det 2, Adj	8121102	1,000.000	Ft
0885	Conc Barrier, Temp, Limited Deflection, Det 2, Relocated	8121103	250.000	Ft
0890	Conc Barrier, Temp, Limited Deflection, Det 4A, Furn	8121300	90.000	Ft
0895	Conc Barrier, Temp, Limited Deflection, Det 4A, Oper	8121301	90.000	Ft
0900	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	11,950.000	Ft
0905	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	5,710.000	Ft
0910	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	19,290.000	Ft
0915	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	14,760.000	Ft
0920	Speed Radar Trailer, Temp	8122028	2.000	Ea
0925	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,370.000	Ft
0930	_ Heavy Duty Wrecker	8127050	5.000	Ea
0935	_ Light Duty Wrecker	8127050	12.000	Ea
0940	_ Medium Duty Wrecker	8127050	6.000	Ea
0945	Fertilizer, Chemical Nutrient, CI A	8160020	238.000	Lb
0950	Mulch Blanket	8160027	3,274.000	Syd
0955	Seeding, Mixture TSM	8160041	135.000	Lb
0960	Topsoil Surface, Furn, 4 inch	8160062	6,547.000	Syd
0965	Water, Sodding/Seeding	8160090	23.000	Unit
0970	_ Turf Establishment, Performance	8167011	26,824.000	Syd
0975	TS Face, Bag	8200458	8.000	Ea

0980	TS Face, Bag, Rem	8200459	8.000	Ea
0985	Freeway Shld Corrugations, Milled, HMA	8222001	7,168.000	Ft
0990	Contractor Staking	8240001	1.000	LSUM
0995	Staking Plan Errors and Extras, Max \$180/hour	8240002	178.000	Hr
1000	Sanitary Structure, 60 inch dia	8252073	4.000	Ea
1005	Sanitary Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	8252081	22.000	Ft
1010	Sanitary Structure Cover, Type Q	8252098	4.000	Ea
1015	Sanitary Structure, Rem	8252105	2.000	Ea
1020	_ Sanitary Sewer, PVC, 27 inch, Tr Det B1	8257001	388.000	Ft

Section: 2

1025	_ Railroad Inspection and Flagging, Amtrak	1027060	315,000.000	Dlr
1030	_ Railroad Protection, Amtrak	1027060	40,000.000	Dlr
1035	Structures, Rem Portions (R01-1 of 39014)	2040061	1.000	LSUM
1040	Structures, Rem Portions (R01-2 of 39014)	2040061	1.000	LSUM
1045	Granular Material, CI II	2050023	86.000	Cyd
1050	Backfill, Structure, CIP	2060002	2,371.000	Cyd
1055	Backfill, Select	2060004	678.000	Cyd
1060	Excavation, Fdn	2060010	5,806.000	Cyd
1065	_ Dewatering System, Excavation	2067050	2.000	Ea
1070	Underdrain, Fdn, 4 inch	4040031	700.000	Ft
1075	Underdrain, Fdn, 6 inch	4040033	615.000	Ft
1080	Underdrain Outlet, 6 inch	4040093	120.000	Ft
1085	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
1090	Video Inspection of Underdrain	4040200	1,435.000	Ft
1095	Steel Sheet Piling, Permanent	7040001	5,629.000	Sft
1100	Cofferdams	7040007	1.000	LSUM
1105	Cofferdams, Left in Place (R01-1 of 39014)	7040009	1.000	LSUM
1110	Cofferdams, Left in Place (R01-2 of 39014)	7040009	1.000	LSUM
1115	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	1,920.000	Sft
1120	Pile Driving Equipment, Furn (R01-1 of 39014)	7050002	1.000	LSUM
1125	Pile Driving Equipment, Furn (R01-2 of 39014)	7050002	1.000	LSUM
1130	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	3,610.000	Ft
1135	Pile Point, CIP Conc	7050025	42.000	Ea
1140	Pile, Steel, Splice	7050050	42.000	Ea
1145	_ Test Pile, Dynamic Analysis	7057050	4.000	Ea
1150	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	2.000	Ea
1155	Bridge Ltg, Furn and Rem (R01-1 of 39014)	7060001	1.000	LSUM
1160	Bridge Ltg, Furn and Rem (R01-2 of 39014)	7060001	1.000	LSUM
1165	Bridge Ltg, Oper and Maintain	7060002	1,104.000	Cyd
1170	Expansion Joint Device	7060050	188.000	Ft
1175	False Decking	7060060	48,804.000	Sft
1180	Reinforcement, Steel, Epoxy Coated	7060092	387,715.000	Lb
1185	Substructure Conc, High Performance	7060101	1,299.000	Cyd

1190	Superstructure Conc, Form, Finish, and Cure (R01-1 of 39014)	7060111	1.000	LSUM
1195	Superstructure Conc, Form, Finish, and Cure (R01-2 of 39014)	7060111	1.000	LSUM
1200	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01-1 of 39014)	7060112	1.000	LSUM
1205	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01-2 of 39014)	7060112	1.000	LSUM
1210	Superstructure Conc, High Performance	7060116	44.000	Cyd
1215	Superstructure Conc, Night Casting, High Performance	7060117	1,104.000	Cyd
1220	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	1,870.000	Sft
1225	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	1,870.000	Sft
1230	Sealing Localized Cracks (R01-1 of 39014)	7060220	1.000	LSUM
1235	Sealing Localized Cracks (R01-2 of 39014)	7060220	1.000	LSUM
1240	Conc, Grade 3500	7062001	184.000	Cyd
1245	Aesthetic Texturing	7062005	578.000	Syd
1250	_ Simulated Stone Masonry	7067011	137.000	Syd
1255	Shear Developers (R01-1 of 39014)	7070040	1.000	LSUM
1260	Shear Developers (R01-2 of 39014)	7070040	1.000	LSUM
1265	Structural Steel, Plate, Erect	7070060	1,414,810.000	Lb
1270	Structural Steel, Plate, Furn and Fab	7070061	1,414,810.000	Lb
1275	Complex Steel Erection (R01-1 of 39014)	7072000	1.000	LSUM
1280	Complex Steel Erection (R01-2 of 39014)	7072000	1.000	LSUM
1285	Joint Waterproofing	7100001	848.000	Sft
1290	Joint Waterproofing, Expansion	7100003	40.000	Sft
1295	Conc Surface Coating, Warranty (R01-1 of 39014)	7100009	1.000	LSUM
1300	Conc Surface Coating, Warranty (R01-2 of 39014)	7100009	1.000	LSUM
1305	Reflective Marker, Permanent Barrier	7110003	32.000	Ea
1310	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, High Performance	7112050	1,482.000	Ft
1315	_ Bolt, Adhesive Anchored, 1 1/2 inch	7127050	40.000	Ea
1320	_ Rental Fee	7147051	1.000	LSUM
1325	_ Temp Bridge, Spec	7147051	1.000	LSUM
1330	Field Repr of Damaged Coating (R01-1 of 39014)	7160001	1.000	LSUM
1335	Field Repr of Damaged Coating (R01-2 of 39014)	7160001	1.000	LSUM
1340	Sealing Localized Conc Barrier Cracks (R01-1 of 39014)	8040000	1.000	LSUM
1345	Sealing Localized Conc Barrier Cracks (R01-2 of 39014)	8040000	1.000	LSUM
1350	Riprap, Plain	8130010	116.000	Syd
1355	Riprap, Plain	8130011	400.000	Ton
1360	Slope Paving Header	8130015	360.000	Ft
1365	Slope Paving, Conc	8130020	1,744.000	Syd
1370	Structure Survey During Construction (R01-1 of 39014)	8240020	1.000	LSUM

1375	Structure Survey During Construction (R01-2 of 39014)	8240020	1.000	LSUM
1380	_ Temp Steel Panel Truss and Pier	8507060	400,000.000	Dir

Schedule of Pay Items

Report v1

Letting Call: 231201 006

Letting Date: December 1, 2023

Contract ID: 16033-208357-2

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
Section: 1				
0005	Mobilization, Max \$1,415,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	7.800	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	19.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	41.000	Ea
0025	Stump, Rem, 6 inch to 18 inch	2020008	4.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	39.000	Ea
0035	Culv, Rem, 24 inch to 48 inch	2030002	6.000	Ea
0040	Dr Structure, Rem	2030011	4.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	173.000	Ft
0050	Curb and Gutter, Rem	2040020	2,007.000	Ft
0055	Pavt, Rem	2040050	50,520.000	Syd
0060	Sidewalk, Rem	2040055	26.000	Syd
0065	Exploratory Investigation, Vertical	2040080	50.000	Ft
0070	_ Rem of Misc Appurtenances	2047051	1.000	LSUM
0075	Backfill, Swamp	2050001	250.000	Cyd
0080	Embankment, CIP	2050010	4,654.000	Cyd
0085	Excavation, Earth	2050016	99,080.000	Cyd
0090	Excavation, Peat	2050017	250.000	Cyd
0095	Subgrade Undercutting, Type II	2050041	5,000.000	Cyd
0100	Flowable Fill, Non-Structural	2050148	30.000	Cyd
0105	Erosion Control, Check Dam, Stone	2080012	1,289.000	Ft
0110	Erosion Control, Filter Bag	2080014	2.000	Ea
0115	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0120	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0125	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	17.000	Ea
0135	Erosion Control, Maintenance, Sediment Rem	2080026	93.000	Cyd

0140	Erosion Control, Sediment Basin	2080032	60.000	Cyd
0145	Erosion Control, Sediment Trap	2080034	65.000	Ea
0150	Erosion Control, Silt Fence	2080036	6,832.000	Ft
0155	Erosion Control, Turbidity Curtain, Deep	2080042	60.000	Ft
0160	Subbase, CIP	3010002	58,268.000	Cyd
0165	Aggregate Base, 6 inch	3020016	100,051.000	Syd
0170	Driveway Maintenance, Commercial	3062000	39.000	Ea
0175	Driveway Maintenance, Residential	3062001	59.000	Ea
0180	Approach, CI I, 6 inch	3070008	10,974.000	Syd
0185	Approach, CI II	3070021	768.000	Ton
0190	Shld, CI II	3070121	2,673.000	Ton
0195	Shld, CI II, Temp	3070170	281.000	Ton
0200	Geotextile, Separator	3080005	88.000	Syd
0205	Road Grade Biaxial Geogrid	3082002	98.000	Syd
0210	Culv End Sect, 12 inch	4010012	11.000	Ea
0215	Culv End Sect, 15 inch	4010015	16.000	Ea
0220	Culv End Sect, 18 inch	4010018	5.000	Ea
0225	Culv End Sect, 30 inch	4010030	2.000	Ea
0230	Culv End Sect, Footing	4010072	37.000	Ea
0235	Culv, CI A, 30 inch	4010135	84.000	Ft
0240	Culv, CI A, CSP, 48 inch	4010206	192.000	Ft
0245	Culv, CI E, 36 inch	4010544	79.000	Ft
0250	Culv, CI F, 12 inch	4010607	50.000	Ft
0255	Culv, CI F, 15 inch	4010608	445.000	Ft
0260	Culv, CI F, 18 inch	4010609	533.000	Ft
0265	Culv, CI F, 24 inch	4010610	390.000	Ft
0270	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0275	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0280	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	18.000	Ea
0285	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	18.000	Ea
0290	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	2.000	Ea
0295	Dr Marker Post	4011109	185.000	Ea
0300	Steel Casing Pipe, 16 inch, Jacked in Place	4011122	134.000	Ft
0305	Sewer, CI A, 12 inch, Tr Det A	4020004	87.000	Ft
0310	Sewer, CI A, 18 inch, Tr Det A	4020006	611.000	Ft
0315	Sewer, CI A, 24 inch, Tr Det A	4020007	50.000	Ft
0320	Sewer, CI A, 12 inch, Tr Det B	4020033	189.000	Ft
0325	Sewer, CI A, 18 inch, Tr Det B	4020035	814.000	Ft
0330	Sewer, CI A, 24 inch, Tr Det B	4020036	90.000	Ft
0335	Sewer, CI A, 30 inch, Tr Det B	4020037	1,374.000	Ft
0340	Sewer, CI E, 12 inch, Tr Det B	4020600	281.000	Ft
0345	Sewer, CI E, 18 inch, Tr Det B	4020602	695.000	Ft
0350	Sewer, CI E, 24 inch, Tr Det B	4020603	50.000	Ft
0355	Sewer, CI E, 30 inch, Tr Det B	4020604	293.000	Ft

0360	Sewer Tap, 6 inch	4021201	1.000	Ea
0365	Sewer Tap, 12 inch	4021204	1.000	Ea
0370	Video Taping Sewer and Culv Pipe	4021275	4,802.000	Ft
0375	_ Sewer, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch, Tr Det B	4027001	105.000	Ft
0380	Dr Structure Cover, Adj, Case 1, Modified	4030004	7.000	Ea
0385	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0390	Dr Structure Cover, Type B	4030010	12.000	Ea
0395	Dr Structure Cover, Type G	4030040	8.000	Ea
0400	Dr Structure Cover, Type J	4030045	15.000	Ea
0405	Dr Structure, 24 inch dia	4030200	7.000	Ea
0410	Dr Structure, 48 inch dia	4030210	19.000	Ea
0415	Dr Structure, 60 inch dia	4030220	7.000	Ea
0420	Dr Structure, 72 inch dia	4030230	1.000	Ea
0425	Dr Structure, 96 inch dia	4030234	1.000	Ea
0430	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	2.000	Ft
0435	Underdrain, Subbase, 6 inch	4040063	25,673.000	Ft
0440	Underdrain, Subgrade, 6 inch	4040073	4,500.000	Ft
0445	Underdrain Outlet, 6 inch	4040093	3,139.000	Ft
0450	Underdrain, Outlet Ending, 6 inch	4040113	93.000	Ea
0455	Video Inspection of Underdrain	4040200	30,173.000	Ft
0460	Bump Grinding	5010004	150.000	Syd
0465	HMA Surface, Rem	5010005	85,271.000	Syd
0470	HMA Quality Initiative	5010007	73,860.000	Dlr
0475	Pavt for Butt Joints, Rem	5010008	270.000	Syd
0480	Longit Joint Density Quality Initiative	5010018	178,584.000	Dlr
0485	Hand Patching	5010025	390.000	Ton
0490	HMA Approach	5010061	2,219.000	Ton
0495	HMA, 3EML	5012013	14,706.000	Ton
0500	HMA, 4EML	5012025	12,259.000	Ton
0505	HMA, 5EML	5012037	7,356.000	Ton
0510	HMA, Temp Pavt (3EML)	5012101	675.000	Ton
0515	HMA, Temp Pavt (4EML)	5012103	565.000	Ton
0520	_ Ride Incentive	5017060	17,682.000	Dlr
0525	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	170.000	Syd
0530	_ Vibration Monitoring	8007051	1.000	LSUM
0535	Driveway, Nonreinf Conc, 6 inch	8010005	236.000	Syd
0540	Curb and Gutter, Conc, Det B2	8020016	4,759.000	Ft
0545	Driveway Opening, Conc, Det M	8020050	2,163.000	Ft
0550	Shld Gutter, Conc, Det 1	8020055	11.000	Ea
0555	Shld Gutter, Conc, Det 2	8020056	4.000	Ea
0560	Spillway, Conc	8020075	114.000	Ft
0565	Curb Ramp Opening, Conc	8030030	175.000	Ft
0570	Sidewalk, Conc, 4 inch	8030044	2,007.000	Sft

0575	_ Brick Pavers, Rem and Salv	8037010	2,081.000	Sft
0580	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	2,081.000	Sft
0585	Curb Vertical, HMA	8050020	60.000	Ft
0590	Post, Mailbox	8070095	20.000	Ea
0595	Fence, Protective	8080007	577.000	Ft
0600	Field Office, CI 2	8090002	14.000	Mo
0605	Field Office, Utility Fees	8090010	4,200.000	Dlr
0610	Delineator Reflector, Green	8100133	25.000	Ea
0615	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	52.000	Ea
0620	Fdn, Wood Support, Rem	8100280	43.000	Ea
0625	Installing MDOT Supplied Sign, Type III	8100302	19.000	Ea
0630	Delineator, Rem	8100349	25.000	Ea
0635	Post, Flexible, Delineator	8100360	26.000	Ea
0640	Post, Rigid, Delineator	8100361	25.000	Ea
0645	Post, Steel, 3 pound	8100371	1,382.000	Ft
0650	Post, Wood, 4 inch by 6 inch	8100380	192.000	Ft
0655	Post, Wood, 6 inch by 8 inch	8100382	356.000	Ft
0660	Sign, Type I, Rem	8100391	1.000	Ea
0665	Sign, Type IB	8100393	42.000	Sft
0670	Sign, Type II, Rem	8100397	23.000	Ea
0675	Sign, Type IIA	8100398	287.000	Sft
0680	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0685	Sign, Type III, Rem	8100403	69.000	Ea
0690	Sign, Type IIIA	8100404	78.000	Sft
0695	Sign, Type IIIB	8100405	307.000	Sft
0700	Sign, Type VA	8100424	12.000	Sft
0705	Sign, Type VB	8100425	24.000	Sft
0710	Reflective Panel for Permanent Sign Support, 6 foot	8100616	39.000	Ea
0715	Sign, Type III, Rem, Salv	8102003	3.000	Ea
0720	Ground Mtd Sign Support, Rem	8102010	94.000	Ea
0725	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0730	Recessing Pavt Mrkg, Longit	8110450	48,492.000	Ft
0735	Recessing Pavt Mrkg, Transv	8110451	19.000	Sft
0740	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	34,932.000	Ft
0745	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	16,598.000	Ft
0750	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0755	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0760	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0765	Pedestrian Type II Channelizer, Temp	8120027	150.000	Ft
0770	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0775	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0780	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0785	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea

0790	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	1.000	Ea
0795	Conc Barrier Ending, Temp, Det 5, Furn	8120061	1.000	Ea
0800	Conc Barrier Ending, Temp, Det 5, Oper	8120062	1.000	Ea
0805	Conc Barrier Ending, Temp, Det 5, Relocated	8120063	1.000	Ea
0810	Conc Barrier, Temp, Adj	8120080	500.000	Ft
0815	Conc Barrier, Temp, Furn	8120081	500.000	Ft
0820	Conc Barrier, Temp, Oper	8120082	500.000	Ft
0825	Delineator, Flexible, Temp, Furn	8120091	60.000	Ea
0830	Delineator, Flexible, Temp, Oper	8120092	60.000	Ea
0835	Dust Palliative, Applied	8120100	19.000	Ton
0840	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0845	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0850	Minor Traf Devices	8120170	1.000	LSUM
0855	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	11,500.000	Ft
0860	Plastic Drum, Fluorescent, Furn	8120252	470.000	Ea
0865	Plastic Drum, Fluorescent, Oper	8120253	470.000	Ea
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	240.000	Ft
0875	PTS, Temp, Furn	8120272	4.000	Ea
0880	PTS, Temp, Oper	8120273	4.000	Ea
0885	Sign Cover	8120310	30.000	Ea
0890	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0895	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0900	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0905	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0910	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	209.000	Sft
0915	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	209.000	Sft
0920	Traf Regulator Control	8120370	1.000	LSUM
0925	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	19,500.000	Ft
0930	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	107,500.000	Ft
0935	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	80,000.000	Ft
0940	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0945	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0950	Pedestrian Path, Temp	8122250	400.000	Ft
0955	_ Automated Flagger Assistance Device	8127050	4.000	Ea
0960	_ Driveway Assistance Device, Portable, Temp	8127050	25.000	Ea
0965	Riprap, Plain	8130010	900.000	Syd
0970	Acer rubrum, 1 1/2 inch	8150146	5.000	Ea
0975	Picea glauca 'Densata', 4 foot	8152754	5.000	Ea
0980	Fertilizer, Chemical Nutrient, CI B	8160021	625.000	Lb
0985	Seeding, Mixture CR	8160035	375.000	Lb
0990	Topsoil Surface, Furn, 3 inch	8160061	25,000.000	Syd

0995	_ Mulch Blanket, Modified	8167011	25,000.000	Syd
1000	_ Turf Establishment, Performance, Spec	8167011	94,215.000	Syd
1005	_ Distribution Raceways and Cable, Install Salv	8187001	500.000	Ft
1010	_ Distribution Raceways and Cable, Rem and Salv	8187001	500.000	Ft
1015	_ Hh, Install Salv	8187050	3.000	Ea
1020	_ Hh, Rem and Salv	8187050	3.000	Ea
1025	Light Std Shaft, Install Salv	8190301	2.000	Ea
1030	Light Std Shaft, Rem and Salv	8190306	2.000	Ea
1035	Luminaire, Install Salv	8190350	2.000	Ea
1040	Luminaire, Rem and Salv	8190365	2.000	Ea
1045	Monument Box	8210001	1.000	Ea
1050	Monument Preservation	8210010	1.000	Ea
1055	Protect Corners	8210020	12.000	Ea
1060	Centerline Corrugations, Milled, HMA	8220013	10,407.000	Ft
1065	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	19,343.000	Ft
1070	Hydrant, Relocate, Case 1	8230095	1.000	Ea
1075	Hydrant, Relocate, Case 2	8230096	4.000	Ea
1080	Gate Box, Adj, Case 1	8230431	1.000	Ea
1085	Gate Box, Adj, Case 2	8230432	4.000	Ea
1090	_ Insulation Board, 2 inch	8237010	480.000	Sft
1095	Contractor Staking	8240001	1.000	LSUM
1100	Staking Plan Errors and Extras, Max \$180/hour	8240002	223.000	Hr
1105	Sanitary Sewer, DI, 8 inch, Tr Det A2	8252001	40.000	Ft
1110	Sanitary Sewer, PVC, 8 inch, Tr Det B2	8252037	102.000	Ft
1115	Sanitary Structure, 48 inch dia	8252072	3.000	Ea
1120	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	4.000	Ft
1125	Sanitary Structure Cover, Type Q	8252098	3.000	Ea
1130	Sanitary Structure, Rem	8252105	1.000	Ea
1135	Sanitary Structure, Tap, 6 inch	8252110	1.000	Ea
1140	Sanitary Structure Cover, Adj, Case 1	8252145	3.000	Ea
1145	Sanitary Structure Cover, Adj, Case 2	8252146	9.000	Ea
1150	_ Sanitary Sewer, PVC, 8 inch	8257001	134.000	Ft

Section: 2

1155	Structures, Rem (C04 of 16033)	2040060	1.000	LSUM
1160	Backfill, Structure, CIP	2060002	629.000	Cyd
1165	Backfill, Select	2060004	34.000	Cyd
1170	Excavation, Fdn	2060010	1,527.000	Cyd
1175	Subbase, LM	3010003	27.000	Cyd
1180	Underdrain, Fdn, 4 inch	4040031	179.000	Ft
1185	Underdrain Outlet, 4 inch	4040091	40.000	Ft
1190	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1195	Culv Bedding, Box Culv	4060005	102.000	Cyd

1200	_ Culv, Precast Conc Box, 16 foot by 9 foot	4067001	90.000	Ft
1205	Cofferdams, Left in Place (C04 of 16033)	7040009	1.000	LSUM
1210	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	203.000	Sft
1215	_ Steel Sheet Piling, Temp, Spec	7047010	205.000	Sft
1220	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	101.000	Sft
1225	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	101.000	Sft
1230	Liner, PVC, 30 mil	7060209	395.000	Syd
1235	Joint Waterproofing	7100001	114.000	Sft
1240	Riprap, Plain	8130011	379.000	Ton
1245	_ Riprap, Inside Culvert, Plain	8137031	180.000	Ton



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 007**Letting Date:** December 1, 2023**Contract ID:** 35000-217772**Description:** Bridge replacement including 42-inch steel plate girders, guardrail, drainage improvements and approach work on Alabaster Road over Whitney Creek, Iosco County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
217772A	23A0981	N/A	M 35000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$180,700.00	1100001	1.000	LSUM
0010	_ Clearing, Spec	2017012	0.120	Acre
0015	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0020	Guardrail, Rem	2040035	864.000	Ft
0025	Exploratory Investigation, Vertical	2040080	60.000	Ft
0030	Embankment, CIP	2050010	2,610.000	Cyd
0035	Excavation, Earth	2050016	578.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	254.000	Ft
0055	Erosion Control, Filter Bag	2080014	4.000	Ea
0060	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0070	Erosion Control, Inlet Protection, Sediment Trap	2080024	8.000	Ea
0075	Erosion Control, Maintenance, Sediment Rem	2080026	2.000	Cyd
0080	Erosion Control, Sediment Trap	2080034	14.000	Ea
0085	Erosion Control, Silt Fence	2080036	2,200.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0095	Subbase, CIP	3010002	664.000	Cyd
0100	Aggregate Base, 6 inch	3020016	1,727.000	Syd
0105	Driveway Maintenance, Residential	3062001	1.000	Ea
0110	_ Approach, CI II, 6 1/2 inch	3077011	51.000	Syd
0115	_ Shoulder, CI II, 6 1/2 inch	3077011	512.000	Syd
0120	Culv End Sect, 24 inch	4010024	5.000	Ea
0125	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	1.000	Ea
0130	Dr Marker Post	4011109	2.000	Ea
0135	Culv, Outlet Headwall, 12 inch	4012000	5.000	Ea

0140	Culv, Outlet Headwall, 24 inch	4012004	4.000	Ea
0145	Sewer, Cl A, 12 inch, Tr Det B	4020033	363.000	Ft
0150	Sewer, Cl A, 24 inch, Tr Det B	4020036	292.000	Ft
0155	Trench Undercut and Backfill	4021260	100.000	Cyd
0160	Video Taping Sewer and Culv Pipe	4021275	423.000	Ft
0165	Dr Structure Cover, Type B	4030010	8.000	Ea
0170	Dr Structure Cover, Type R	4030070	12.000	Ea
0175	Dr Structure, 24 inch dia	4030200	6.000	Ea
0180	Dr Structure, 48 inch dia	4030210	6.000	Ea
0185	Dr Structure, 60 inch dia	4030220	9.000	Ea
0190	Underdrain, Subbase, 6 inch	4040063	600.000	Ft
0195	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0200	Underdrain Outlet, 6 inch	4040093	200.000	Ft
0205	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0210	HMA Surface, Rem	5010005	1,542.000	Syd
0215	Longit Joint Density Quality Initiative	5010018	3,300.000	Dlr
0220	HMA Approach	5010061	7.000	Ton
0225	HMA, 3EML	5012013	286.000	Ton
0230	HMA, 4EML	5012025	334.000	Ton
0235	Curb and Gutter, Bridge Approach, Det 5	8022016	153.000	Ft
0240	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0245	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0250	Guardrail Reflector	8070080	20.000	Ea
0255	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0260	Guardrail Anch, Bridge, Det M3	8070132	1.000	Ea
0265	Guardrail Anch, Bridge, Det M4	8070133	2.000	Ea
0270	Guardrail, Curved, Type B-CRT	8072154	50.000	Ft
0275	Guardrail, Type MGS-8, 72 inch Post	8072179	401.000	Ft
0280	Delineator Reflector, Green	8100133	3.000	Ea
0285	Post, Rigid, Delineator	8100361	3.000	Ea
0290	Sign, Type III, Rem	8100403	30.000	Ea
0295	Ground Mtd Sign Support, Rem	8102010	34.000	Ea
0300	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,050.000	Ft
0305	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,050.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	100.000	Sft
0325	Sign, Type B, Temp, Prismatic, Oper	8120351	100.000	Sft
0330	Riprap, Heavy	8130005	80.000	Syd
0335	Riprap, Plain	8130010	294.000	Syd
0340	Turf Reinforcement Mat	8162000	200.000	Syd
0345	Slope Restoration, Non-Freeway, Type B	8162002	885.000	Syd
0350	Slope Restoration, Non-Freeway, Type C	8162003	2,800.000	Syd

0355	Slope Restoration, Non-Freeway, Type D	8162004	230.000	Syd
0360	Monument Box Adj	8210005	1.000	Ea
0365	Monument Preservation	8210010	1.000	Ea
0370	Protect Corners	8210020	2.000	Ea
0375	Contractor Staking	8240001	1.000	LSUM
0380	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr

Section: 2

0385	Structures, Rem (SN 4132)	2040060	1.000	LSUM
0390	Backfill, Structure, CIP	2060002	1,070.000	Cyd
0395	Excavation, Fdn	2060010	2,190.000	Cyd
0400	Aggregate Base, LM	3020002	70.000	Cyd
0405	Underdrain, Fdn, 4 inch	4040031	300.000	Ft
0410	Underdrain Outlet, 4 inch	4040091	80.000	Ft
0415	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0420	Cofferdams (SN 4132)	7040007	1.000	LSUM
0425	Pile Driving Equipment, Furn (SN 4132)	7050002	1.000	LSUM
0430	Pile, Steel, Furn and Driven, 12 inch	7050030	2,260.000	Ft
0435	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0440	Pile Point, Steel	7050039	46.000	Ea
0445	Pile, Steel, Splice	7050050	4.000	Ea
0450	Bridge Ltg, Furn and Rem (SN 4132)	7060001	1.000	LSUM
0455	Bridge Ltg, Oper and Maintain	7060002	93.000	Cyd
0460	Expansion Joint Device	7060050	29.000	Ft
0465	False Decking	7060060	2,450.000	Sft
0470	Reinforcement, Steel, Epoxy Coated	7060092	38,746.000	Lb
0475	Substructure Conc	7060100	189.000	Cyd
0480	Superstructure Conc	7060110	16.000	Cyd
0485	Superstructure Conc, Form, Finish, and Cure (SN 4132)	7060111	1.000	LSUM
0490	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 4132)	7060112	1.000	LSUM
0495	Superstructure Conc, Night Casting	7060113	93.000	Cyd
0500	Water Repellent Treatment, Penetrating	7060140	38.000	Syd
0505	Sealing Localized Cracks (SN 4132)	7060220	1.000	LSUM
0510	Bearing, Elastomeric, 1 3/4 inch	7070015	2,112.000	Sin
0515	Shear Developers (SN 4132)	7070040	1.000	LSUM
0520	Structural Steel, Plate, Erect	7070060	89,690.000	Lb
0525	Structural Steel, Plate, Furn and Fab	7070061	89,690.000	Lb
0530	_ Bearing, Elastomeric, 3 1/8 inch	7077008	2,112.000	Sin
0535	Joint Waterproofing	7100001	250.000	Sft
0540	_ Silane Treatment	7107010	730.000	Sft
0545	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
0550	Bridge Railing, Aesthetic Parapet Tube	7110005	193.000	Ft
0555	Drain Casting Assembly, Type 2	7172021	10.000	Ea

0560	Riprap, Heavy	8130006	1,362.000	Ton
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10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 008**Letting Date:** December 1, 2023**Contract ID:** 50011-124826

Description: 2.57 mi of road rehabilitation including hot mix asphalt cold milling and resurfacing, pavement repairs, concrete sidewalk, guardrail work, pavement markings and bridge rehabilitation on 10 structures including deck and barrier replacement, partial painting, deck joint replacement, deck patches, substructure and structural beam repairs, concrete beam repairs, scour countermeasures, concrete surface coating, approach work on M-53 in the cities of Sterling Heights and Warren, Macomb County. This Project includes a 5 year and a 3 year materials and workmanship pavement warranties, a 5 year epoxy overlay warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124826A	24A0042	N/A	BFP 50011
130057A	24A0043	N/A	BFP 50011
204297A	24A0044	N/A	HIPB 50011
217866A	24A0045	N/A	NH 50011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	18,930.000	Dlr
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$1,652,000.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.490	Acre
0025	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	15.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	46.000	Ft
0050	Asbestos Materials, Rem and Disposal	2040001	148,485.000	Dlr
0055	Curb and Gutter, Rem	2040020	114.000	Ft
0060	Fence, Rem	2040025	65.000	Ft
0065	Guardrail, Rem	2040035	5,517.000	Ft
0070	Pavt, Rem	2040050	3,590.000	Syd
0075	Sidewalk, Rem	2040055	16.000	Syd
0080	Exploratory Investigation, Vertical	2040080	50.000	Ft
0085	Embankment, CIP	2050010	2,386.000	Cyd
0090	Excavation, Earth	2050016	9,332.000	Cyd
0095	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	10.000	Cyd
0105	Erosion Control, Check Dam, Stone	2080012	24.000	Ft

0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0115	Erosion Control, Inlet Protection, Sediment Trap	2080024	15.000	Ea
0120	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0125	Erosion Control, Sediment Trap	2080034	2.000	Ea
0130	Erosion Control, Silt Fence	2080036	9,584.000	Ft
0135	Erosion Control, Turbidity Curtain, Deep	2080042	250.000	Ft
0140	Erosion Control, Turbidity Curtain, Shallow	2080044	250.000	Ft
0145	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	3,286.000	Cyd
0155	Aggregate Base, 6 inch	3020016	313.000	Syd
0160	Open-Graded Dr Cse, 6 inch	3030006	66.000	Syd
0165	Open-Graded Dr Cse, 16 inch	3030016	3,971.000	Syd
0170	_ Open-Graded Dr Cse, 10 inch	3037011	451.000	Syd
0175	Shld, CI II	3070121	440.000	Ton
0180	Shld, CI II, 4 inch	3070126	253.000	Syd
0185	_ Shld, CI II, 10 inch	3077011	21.000	Syd
0190	_ Shld, CI II, 12 inch	3077011	451.000	Syd
0195	_ Shld, CI II, 6.5 inch	3077011	242.000	Syd
0200	Geotextile, Separator	3080005	3,971.000	Syd
0205	Culv End Sect, Conc, 12 inch	4010047	3.000	Ea
0210	Culv End Sect, Metal, 18 inch	4010096	2.000	Ea
0215	Culv, CI A, Conc, 18 inch	4010167	76.000	Ft
0220	Culv, Downspout, 12 inch	4010795	666.000	Ft
0225	Dr Marker Post	4011109	39.000	Ea
0230	Culv, Outlet Headwall, 12 inch	4012000	15.000	Ea
0235	Sewer, CI A, 12 inch, Tr Det A	4020004	676.000	Ft
0240	Video Taping Sewer and Culv Pipe	4021275	1,209.000	Ft
0245	Dr Structure Cover, Type B	4030010	15.000	Ea
0250	Dr Structure Cover, Type K	4030050	4.000	Ea
0255	Dr Structure Cover, Type RX	4030075	2.000	Ea
0260	Dr Structure, 24 inch dia	4030200	1.000	Ea
0265	Dr Structure, 48 inch dia	4030210	20.000	Ea
0270	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	37.000	Ft
0275	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0280	Underdrain, Pipe, Open-Graded, 6 inch	4040043	1,825.000	Ft
0285	Underdrain Outlet, 6 inch	4040093	1,170.000	Ft
0290	Underdrain, Outlet Ending, 6 inch	4040113	39.000	Ea
0295	Video Inspection of Underdrain	4040200	2,935.000	Ft
0300	Pavt, Cleaning	5010001	1.000	LSUM
0305	Cold Milling HMA Surface	5010002	133,500.000	Syd
0310	Bump Grinding	5010004	925.000	Syd
0315	HMA Surface, Rem	5010005	3,096.000	Syd
0320	HMA Quality Initiative	5010007	25,566.000	Dlr
0325	Longit Joint Density Quality Initiative	5010018	28,555.000	Dlr

0330	Pavt Joint and Crack Repr, Det 7	5010020	5,388.000	Ft
0335	Pavt Joint and Crack Repr, Det 8	5010021	1,356.000	Ft
0340	Hand Patching	5010025	411.000	Ton
0345	HMA Approach	5010061	407.000	Ton
0350	HMA, 4EMH	5012026	1,185.000	Ton
0355	HMA, 5EML	5012037	3,725.000	Ton
0360	HMA, 5EMH	5012038	7,059.000	Ton
0365	_ Ride Incentive	5017060	2,767.000	Dlr
0370	Joint, Contraction, Cp	6020200	1,281.000	Ft
0375	Joint, Contraction, C3p	6020201	10.000	Ft
0380	Joint, Expansion, E2	6020207	1,332.000	Ft
0385	Joint, Expansion, E3	6020208	655.000	Ft
0390	Joint, Expansion, E4	6020209	345.000	Ft
0395	Joint, Pressure Relief	6020213	584.000	Ft
0400	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	1,340.000	Syd
0405	Shld, Nonreinf Conc, High Performance	6020524	492.000	Syd
0410	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	1,606.000	Syd
0415	Joint, Contraction, Crg	6030020	11,465.000	Ft
0420	Lane Tie, Epoxy Anchored	6030030	1,323.000	Ea
0425	Pavt Repr, Nonreinf Conc, 10 inch	6030048	2,471.000	Syd
0430	Pavt Repr, Nonreinf Conc, 11 inch	6030050	52.000	Syd
0435	Pavt Repr, Rem	6030080	2,524.000	Syd
0440	Saw Cut, Intermediate	6030090	22,298.000	Ft
0445	_ Rub Rail	7097001	180.000	Ft
0450	_ Temp Haul Road	8007051	1.000	LSUM
0455	Curb and Gutter, Conc, Det C3	8020022	99.000	Ft
0460	Curb and Gutter, Conc, Det C5	8020024	72.000	Ft
0465	Curb and Gutter, Conc, Det F5	8020039	195.000	Ft
0470	Downspout Header, Conc	8020070	18.000	Ea
0475	Curb and Gutter, Bridge Approach, Det 5	8022016	336.000	Ft
0480	Curb and Gutter, Bridge Approach, Det 6	8022017	264.000	Ft
0485	Curb and Gutter, Bridge Approach, Det 7	8022018	523.000	Ft
0490	Curb and Gutter, Bridge Approach, Det 6A	8022019	71.000	Ft
0495	Curb and Gutter, Bridge Approach, Det 7A	8022020	208.000	Ft
0500	_ Curb and Gutter, Conc, Det F5, Modified	8027001	54.000	Ft
0505	Detectable Warning Surface	8030010	45.000	Ft
0510	Curb Ramp Opening, Conc	8030030	59.000	Ft
0515	Sidewalk, Conc, 4 inch	8030044	18,607.000	Sft
0520	Curb Ramp, Conc, 6 inch	8032002	739.000	Sft
0525	Shared use Path, HMA	8060040	35.000	Ton
0530	Guardrail Approach Terminal, Type 2M	8070044	23.000	Ea
0535	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0540	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
0545	Guardrail Departing Terminal, Type MGS	8070052	11.000	Ea
0550	Guardrail Reflector	8070080	220.000	Ea

0555	Guardrail Height, Adj	8070100	1,618.000	Ft
0560	Guardrail Anch, Bridge, Det M1	8070130	28.000	Ea
0565	Guardrail Anch, Bridge, Det M4	8070133	8.000	Ea
0570	Guardrail, Type MGS-8, 72 inch Post	8072179	2,166.000	Ft
0575	Guardrail, Type MGS-8, 108 inch Post	8072180	1,000.000	Ft
0580	Fence, Woven Wire with Steel Post	8080002	65.000	Ft
0585	Field Office, CI 1	8090001	10.000	Mo
0590	Field Office, Utility Fees	8090010	5,000.000	Dlr
0595	Bridge Sign Connection, Conc, Type A1	8100031	6.000	Ea
0600	Bridge Sign Connection, Steel, Type F	8100065	2.000	Ea
0605	Bridge Sign Connection, Type A, Rem	8100080	6.000	Ea
0610	Bridge Sign Connection, Type F, Rem	8100085	2.000	Ea
0615	Column, Breakaway, W8 x 18	8100121	2.000	Ea
0620	Delineator Reflector, Green	8100133	95.000	Ea
0625	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
0630	Fdn, Column Breakaway, Rem	8100220	2.000	Ea
0635	Fdn, Wood Support, Rem	8100280	2.000	Ea
0640	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea
0645	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	2.000	Ea
0650	Post, Rigid, Delineator	8100361	36.000	Ea
0655	Post, Steel, 3 pound	8100371	344.000	Ft
0660	Post, Wood, 6 inch by 8 inch	8100382	36.000	Ft
0665	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0670	Sign, Type I, Rem	8100391	2.000	Ea
0675	Sign, Type IA	8100392	210.000	Sft
0680	Sign, Type IB	8100393	70.000	Sft
0685	Sign, Type II, Rem	8100397	10.000	Ea
0690	Sign, Type IIA	8100398	42.000	Sft
0695	Sign, Type IIB	8100399	76.000	Sft
0700	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0705	Sign, Type III, Rem	8100403	5.000	Ea
0710	Sign, Type IIIA	8100404	16.000	Sft
0715	Sign, Type IIIB	8100405	71.000	Sft
0720	Sign, Type V, Rem	8100421	1.000	Ea
0725	Sign, Type V, Erect, Salv	8100422	1.000	Ea
0730	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0735	Sign, Type I, Rem, Salv	8102001	2.000	Ea
0740	Sign, Type III, Rem, Salv	8102003	8.000	Ea
0745	Ground Mtd Sign Support, Rem	8102010	20.000	Ea
0750	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	417.000	Ft
0755	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	3.000	Ea
0760	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0765	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	14.000	Ea
0770	Pavt Mrkg, Polyurea, 6 inch, White	8110094	38,832.000	Ft

0775	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	40,989.000	Ft
0780	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0785	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	55.000	Ft
0790	Pavt Mrkg, Polyurea, 12 inch, White	8110111	5,904.000	Ft
0795	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	179.000	Ft
0800	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	4,587.000	Ft
0805	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0810	Recessing Pavt Mrkg, Guide Line	8110453	22.000	Ft
0815	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Thru Guide Line, White	8110566	22.000	Ft
0820	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	11,659.000	Ft
0825	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	11,300.000	Ft
0830	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	94.000	Ea
0835	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	94.000	Ea
0840	Pedestrian Type II Barricade, Temp	8120026	29.000	Ea
0845	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	269.000	Ea
0850	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	269.000	Ea
0855	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0860	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0865	Conc Barrier, Temp, Furn	8120081	872.000	Ft
0870	Conc Barrier, Temp, Oper	8120082	872.000	Ft
0875	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0880	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0885	Lighted Arrow, Type C, Furn	8120140	14.000	Ea
0890	Lighted Arrow, Type C, Oper	8120141	14.000	Ea
0895	Ltg for Night Work	8120160	1.000	LSUM
0900	Minor Traf Devices	8120170	1.000	LSUM
0905	Mobile Attenuator	8120180	2.000	Ea
0910	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	16,801.000	Ft
0915	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	420.000	Ft
0920	Plastic Drum, Fluorescent, Furn	8120252	953.000	Ea
0925	Plastic Drum, Fluorescent, Oper	8120253	953.000	Ea
0930	Sign Cover	8120310	59.000	Ea
0935	Sign Cover, Type I	8120320	16.000	Ea
0940	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	21.000	Ea
0945	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	21.000	Ea
0950	Sign, Type A, Temp, Prismatic, Furn	8120340	18.000	Sft
0955	Sign, Type A, Temp, Prismatic, Oper	8120341	18.000	Sft
0960	Sign, Type B, Temp, Prismatic, Furn	8120350	6,317.000	Sft
0965	Sign, Type B, Temp, Prismatic, Oper	8120351	6,317.000	Sft
0970	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,387.000	Sft
0975	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,387.000	Sft
0980	Traf Regulator Control	8120370	1.000	LSUM

0985	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	20,044.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	21,316.000	Ft
0995	Speed Radar Trailer, Temp	8122028	1.000	Ea
1000	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,944.000	Ft
1005	Rumble Strip, Temp, Portable, Furn	8122188	36.000	Ea
1010	Rumble Strip, Temp, Portable, Oper	8122189	36.000	Ea
1015	_ Traf Speed Sensor, Portable, Temp	8127050	4.000	Ea
1020	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1025	Riprap, Plain	8130010	180.000	Syd
1030	Site Preparation, Max \$15,400.00	8150001	1.000	LSUM
1035	Watering and Cultivating, First Season, Min \$7,500.00	8150002	1.000	LSUM
1040	Watering and Cultivating, 2nd Season, Min \$9,200.00	8150003	1.000	LSUM
1045	Acer rubrum 'Red Sunset', 2 inch	8150145	13.000	Ea
1050	Celtis occidentalis, 2 inch	8150780	14.000	Ea
1055	Picea abies, 4 foot	8152740	29.000	Ea
1060	Picea omorika, 4 foot	8152786	30.000	Ea
1065	Quercus macrocarpa, 2 inch	8153085	13.000	Ea
1070	_ Ulmus x 'Patriot', 2 inch	8157050	14.000	Ea
1075	Slope Restoration, Non-Freeway, Type A	8162001	1,790.000	Syd
1080	Slope Restoration, Non-Freeway, Type B	8162002	972.000	Syd
1085	Slope Restoration, Non-Freeway, Type C	8162003	932.000	Syd
1090	Slope Restoration, Freeway, Type A	8162013	6,153.000	Syd
1095	Slope Restoration, Freeway, Type B	8162014	1,793.000	Syd
1100	Slope Restoration, Freeway, Type C	8162015	2,849.000	Syd
1105	_ Slope Restoration, Wildflower, Type A	8167011	29.000	Syd
1110	_ Slope Restoration, Wildflower, Type B	8167011	29.000	Syd
1115	_ Wildflower Seeding	8167011	29.000	Syd
1120	TS Face, Bag	8200458	17.000	Ea
1125	TS Face, Bag, Rem	8200459	17.000	Ea
1130	Monument Box	8210001	1.000	Ea
1135	Monument Preservation	8210010	1.000	Ea
1140	Protect Corners	8210020	1.000	Ea
1145	Freeway Shld Corrugations, Milled, HMA	8222001	44,225.000	Ft
1150	Contractor Staking	8240001	1.000	LSUM
1155	Staking Plan Errors and Extras, Max \$180/hour	8240002	156.000	Hr

Section: 2

1160	Structure Demolition Plan, Complex (B06 of 50011)	2040064	1.000	LSUM
1165	Structure Demolition Plan, Complex (B07 of 50011)	2040064	1.000	LSUM
1170	Structure Demolition Plan, Complex (S04 of 50011)	2040064	1.000	LSUM
1175	Structure Demolition Plan, Complex (S05 of 50011)	2040064	1.000	LSUM
1180	Structure Demolition Plan, Complex (S11 of 50011)	2040064	1.000	LSUM

1185	Backfill, Structure, CIP	2060002	100.000	Cyd
1190	Aggregate	2060005	172.000	Cyd
1195	Excavation, Fdn	2060010	1,011.000	Cyd
1200	Open-Graded Dr Cse, CIP	3030030	911.000	Cyd
1205	Sewer Tap, 4 inch	4021200	4.000	Ea
1210	Underdrain, Fdn, 4 inch	4040031	339.000	Ft
1215	Underdrain Outlet, 4 inch	4040091	403.000	Ft
1220	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
1225	HMA Patch, Rem	5010006	3.000	Syd
1230	Bridge Ltg, Furn and Rem (B06 of 50011)	7060001	1.000	LSUM
1235	Bridge Ltg, Furn and Rem (B07 of 50011)	7060001	1.000	LSUM
1240	Bridge Ltg, Furn and Rem (S02 of 50011)	7060001	1.000	LSUM
1245	Bridge Ltg, Furn and Rem (S04 of 50011)	7060001	1.000	LSUM
1250	Bridge Ltg, Furn and Rem (S05 of 50011)	7060001	1.000	LSUM
1255	Bridge Ltg, Furn and Rem (S08 of 50011)	7060001	1.000	LSUM
1260	Bridge Ltg, Furn and Rem (S09 of 50011)	7060001	1.000	LSUM
1265	Bridge Ltg, Furn and Rem (S10 of 50011)	7060001	1.000	LSUM
1270	Bridge Ltg, Furn and Rem (S11 of 50011)	7060001	1.000	LSUM
1275	Bridge Ltg, Oper and Maintain	7060002	1,107.000	Cyd
1280	Expansion Joint Device	7060050	860.000	Ft
1285	Expansion Joint Device, Cover Plate	7060051	24.000	Ft
1290	False Decking	7060060	90,480.000	Sft
1295	Reinforcement, Steel, Epoxy Coated	7060092	389,577.000	Lb
1300	Substructure Conc, High Performance	7060101	23.000	Cyd
1305	Superstructure Conc, Form, Finish, and Cure (S08 of 50011)	7060111	1.000	LSUM
1310	Superstructure Conc, Form, Finish, and Cure (S09 of 50011)	7060111	1.000	LSUM
1315	Superstructure Conc, Form, Finish, and Cure, Night Casting (B06 of 50011)	7060112	1.000	LSUM
1320	Superstructure Conc, Form, Finish, and Cure, Night Casting (B07 of 50011)	7060112	1.000	LSUM
1325	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 50011)	7060112	1.000	LSUM
1330	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04 of 50011)	7060112	1.000	LSUM
1335	Superstructure Conc, Form, Finish, and Cure, Night Casting (S05 of 50011)	7060112	1.000	LSUM
1340	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08 of 50011)	7060112	1.000	LSUM
1345	Superstructure Conc, Form, Finish, and Cure, Night Casting (S09 of 50011)	7060112	1.000	LSUM
1350	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10 of 50011)	7060112	1.000	LSUM
1355	Superstructure Conc, Form, Finish, and Cure, Night Casting (S11 of 50011)	7060112	1.000	LSUM
1360	Superstructure Conc, High Performance	7060116	50.000	Cyd
1365	Superstructure Conc, Night Casting, High Performance	7060117	1,109.000	Cyd
1370	Sealing Localized Cracks (B06 of 50011)	7060220	1.000	LSUM

1375	Sealing Localized Cracks (B07 of 50011)	7060220	1.000	LSUM
1380	Sealing Localized Cracks (S02 of 50011)	7060220	1.000	LSUM
1385	Sealing Localized Cracks (S04 of 50011)	7060220	1.000	LSUM
1390	Sealing Localized Cracks (S05 of 50011)	7060220	1.000	LSUM
1395	Sealing Localized Cracks (S10 of 50011)	7060220	1.000	LSUM
1400	Sealing Localized Cracks (S11 of 50011)	7060220	1.000	LSUM
1405	_ Fiber Reinf Polymer System for Prest Conc Beam Repr	7067010	753.000	Sft
1410	Joint Waterproofing	7100001	1,215.000	Sft
1415	Joint Waterproofing, Expansion	7100003	311.000	Sft
1420	Conc Surface Coating, Warranty (B03 of 50011)	7100009	1.000	LSUM
1425	Conc Surface Coating, Warranty (B06 of 50011)	7100009	1.000	LSUM
1430	Conc Surface Coating, Warranty (B07 of 50011)	7100009	1.000	LSUM
1435	Conc Surface Coating, Warranty (S02 of 50011)	7100009	1.000	LSUM
1440	Conc Surface Coating, Warranty (S04 of 50011)	7100009	1.000	LSUM
1445	Conc Surface Coating, Warranty (S05 of 50011)	7100009	1.000	LSUM
1450	Conc Surface Coating, Warranty (S08 of 50011)	7100009	1.000	LSUM
1455	Conc Surface Coating, Warranty (S09 of 50011)	7100009	1.000	LSUM
1460	Conc Surface Coating, Warranty (S10 of 50011)	7100009	1.000	LSUM
1465	Conc Surface Coating, Warranty (S11 of 50011)	7100009	1.000	LSUM
1470	Substructure Horizontal Surface Sealer (S02 of 50011)	7100030	28.000	Syd
1475	Substructure Horizontal Surface Sealer (S10 of 50011)	7100030	28.000	Syd
1480	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	635.000	Ft
1485	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, High Performance	7112050	2,796.000	Ft
1490	Hand Chipping, Shallow	7120003	24.000	Syd
1495	Hand Chipping, Deep	7120004	49.000	Syd
1500	Hand Chipping, Other Than Deck	7120007	932.000	Cft
1505	Patch, Full Depth	7120010	7.000	Cyd
1510	Patch, Forming	7120017	2,794.000	Sft
1515	Epoxy Ovly, Warranty	7120022	4,286.000	Syd
1520	Conc, Bridge Deck Ovly	7120023	256.000	Cyd
1525	Bridge Deck Surface Construction	7120025	2,180.000	Syd
1530	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	50.000	Ea
1535	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	29.000	Ea
1540	Structures, Rehabilitation, Rem Portions, Modified (B06 of 50011)	7120060	1.000	LSUM
1545	Structures, Rehabilitation, Rem Portions, Modified (B07 of 50011)	7120060	1.000	LSUM
1550	Structures, Rehabilitation, Rem Portions, Modified (S04 of 50011)	7120060	1.000	LSUM
1555	Structures, Rehabilitation, Rem Portions, Modified (S05 of 50011)	7120060	1.000	LSUM
1560	Structures, Rehabilitation, Rem Portions, Modified (S11 of 50011)	7120060	1.000	LSUM
1565	Shear Developer, Rem	7120061	320.000	Ea
1570	Shear Developer, Spec	7120062	15,826.000	Ea

1575	Structures, Rehabilitation, Rem Portions (S02 of 50011)	7120070	1.000	LSUM
1580	Structures, Rehabilitation, Rem Portions (S08 of 50011)	7120070	1.000	LSUM
1585	Structures, Rehabilitation, Rem Portions (S09 of 50011)	7120070	1.000	LSUM
1590	Structures, Rehabilitation, Rem Portions (S10 of 50011)	7120070	1.000	LSUM
1595	Deck Joint, Rem	7120071	577.000	Ft
1600	Latex Conc Surface, Rem	7120072	2,180.000	Syd
1605	Hydrodemolition, First Pass	7120076	2,180.000	Syd
1610	Hydrodemolition, 2nd Pass	7120077	218.000	Syd
1615	Flushing Cracks, Water	7120098	553.000	Ft
1620	Structural Crack, Repr	7120099	553.000	Ft
1625	Top Flanges and Beam Ends, Clean and Coat	7120100	410.000	Syd
1630	Patching Conc, C-L	7120112	48.000	Cyd
1635	Embedded Galvanic Anode	7120120	6,099.000	Ea
1640	Hand Chipping, Full Depth	7122000	146.000	Cft
1645	_ Bridge Joints, Clean and Seal	7127001	276.000	Ft
1650	_ Hand Chipping, Spec	7127010	519.000	Sft
1655	_ Latex Modified Conc, Spec	7127021	9.000	Cyd
1660	Beam Plate, Seal Perimeter	7130010	3,178.000	Ft
1665	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,721.000	Lb
1670	Support, Column, Temp	7130080	3.000	Ea
1675	Support, Suspension, Temp	7130082	3.000	Ea
1680	_ Beam Ends, Pin Plate Cutting	7137050	3.000	Ea
1685	Steel Structure, Cleaning, Partial, Type 4 (B06 of 50011)	7150047	1.000	LSUM
1690	Steel Structure, Cleaning, Partial, Type 4 (B07 of 50011)	7150047	1.000	LSUM
1695	Steel Structure, Cleaning, Partial, Type 4 (S04 of 50011)	7150047	1.000	LSUM
1700	Steel Structure, Cleaning, Partial, Type 4 (S11 of 50011)	7150047	1.000	LSUM
1705	Steel Structure, Coating, Partial, Type 4 (B06 of 50011)	7150048	1.000	LSUM
1710	Steel Structure, Coating, Partial, Type 4 (B07 of 50011)	7150048	1.000	LSUM
1715	Steel Structure, Coating, Partial, Type 4 (S04 of 50011)	7150048	1.000	LSUM
1720	Steel Structure, Coating, Partial, Type 4 (S11 of 50011)	7150048	1.000	LSUM
1725	Drain Casting Assembly, Type 2	7172021	2.000	Ea
1730	Fence, Structure	8080110	6,350.000	Sft
1735	Riprap, Plain	8130011	100.000	Ton
1740	Slope Paving, Conc	8130020	15.000	Syd
1745	_ Riprap, Spec, Class II	8137031	2,249.000	Ton
1750	_ Riprap, Under Structures, Class II	8137031	1,932.000	Ton
1755	Structure Survey During Construction (B06 of 50011)	8240020	1.000	LSUM
1760	Structure Survey During Construction (B07 of 50011)	8240020	1.000	LSUM

1765	Structure Survey During Construction (S02 of 50011)	8240020	1.000	LSUM
1770	Structure Survey During Construction (S05 of 50011)	8240020	1.000	LSUM
1775	Structure Survey During Construction (S08 of 50011)	8240020	1.000	LSUM
1780	Structure Survey During Construction (S09 of 50011)	8240020	1.000	LSUM
1785	Structure Survey During Construction (S10 of 50011)	8240020	1.000	LSUM
1790	Structure Survey During Construction (S11 of 50011)	8240020	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 231201 009

Letting Date: December 1, 2023

Contract ID: 41064-212945

Description: 2.34 mi of hot mix asphalt reconstruction, guardrail, signing and pavement markings and bridge rehabilitation of 6 bridges including epoxy overlay and approach work on M-6 from CSX railroad to I-96, Kent County. This project includes a 5 year pavement materials and workmanship warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212945A	24A0038	N/A	NH 41064

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	9,415.000	Dlr
0010	Mobilization, Max \$838,500.00	1100001	1.000	LSUM
0015	Culv, Rem, Less than 24 inch	2030001	21.000	Ea
0020	Curb and Gutter, Rem	2040020	3,130.000	Ft
0025	Guardrail, Rem	2040035	11,013.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	21.000	Cyd
0035	Pavt, Rem	2040050	25,651.000	Syd
0040	Excavation, Earth	2050016	11,844.000	Cyd
0045	Granular Blanket, Type 2	2050021	15.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0055	Subgrade Undercutting, Type II	2050041	4,500.000	Cyd
0060	_ Embankment, CIP, Spec	2057021	2,991.000	Cyd
0065	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	38.000	Ea
0075	Erosion Control, Maintenance, Sediment Rem	2080026	40.000	Cyd
0080	Erosion Control, Sand Bag	2080028	50.000	Ea
0085	Erosion Control, Sediment Trap	2080034	3.000	Ea
0090	Erosion Control, Silt Fence	2080036	5,127.000	Ft
0095	_ Erosion Control, Check Dam, Stone, Spec	2087001	54.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0105	Subbase, CIP	3010002	500.000	Cyd
0110	Aggregate Base, 6 inch	3020016	48,231.000	Syd
0115	Shld, CI II, 8 inch	3070130	4,966.000	Syd
0120	Culv, Downspout, 15 inch	4010796	1,005.000	Ft
0125	Dr Marker Post	4011109	88.000	Ea
0130	_ Culv, Outlet Headwall, 15 inch	4017050	23.000	Ea
0135	Video Taping Sewer and Culv Pipe	4021275	1,005.000	Ft

0140	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0145	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0150	Dr Structure Cover, Type B	4030010	1.000	Ea
0155	Underdrain, Bank, 6 inch	4040003	25.000	Ft
0160	Underdrain, Subbase, 6 inch	4040063	16,105.000	Ft
0165	Underdrain, Subgrade, 6 inch	4040073	2,000.000	Ft
0170	Underdrain Outlet, 6 inch	4040093	2,487.000	Ft
0175	Underdrain, Outlet Ending, 6 inch	4040113	81.000	Ea
0180	Video Inspection of Underdrain	4040200	18,512.000	Ft
0185	_ Underdrain, Rem	4047001	17,879.000	Ft
0190	Pavt, Cleaning	5010001	1.000	LSUM
0195	Bump Grinding	5010004	150.000	Syd
0200	HMA Surface, Rem	5010005	18,482.000	Syd
0205	HMA Quality Initiative	5010007	43,384.000	Dlr
0210	Longit Joint Density Quality Initiative	5010018	87,366.000	Dlr
0215	Hand Patching	5010025	10.000	Ton
0220	HMA Approach	5010061	183.000	Ton
0225	HMA, 3EMH	5012014	17,391.000	Ton
0230	HMA, 5EMH	5012038	4,108.000	Ton
0235	Joint, Expansion, E3	6020208	415.000	Ft
0240	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	1,076.000	Syd
0245	_ Resealing Longit Joints with Polyurethane	6037001	1,521.000	Ft
0250	_ Resealing Trans Joints with Polyurethane	6037001	60.000	Ft
0255	Curb and Gutter, Conc, Det D2	8020031	3,033.000	Ft
0260	Downspout Header, Conc	8020070	22.000	Ea
0265	Curb and Gutter, Bridge Approach, Det 1	8022010	133.000	Ft
0270	Curb and Gutter, Bridge Approach, Det 3	8022012	48.000	Ft
0275	Guardrail Anch, Bridge, Det T1	8070022	17.000	Ea
0280	Guardrail Approach Terminal, Type 2M	8070044	9.000	Ea
0285	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
0290	Guardrail Reflector	8070080	252.000	Ea
0295	Guardrail, Type MGS-8, 72 inch Post	8072179	10,555.000	Ft
0300	Column, Breakaway, W8 x 13	8100120	2.000	Ea
0305	Delineator Reflector, Yellow	8100132	54.000	Ea
0310	Delineator Reflector, Green	8100133	109.000	Ea
0315	Delineator Reflector, White	8100134	62.000	Ea
0320	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	10.000	Ea
0325	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	20.000	Ea
0330	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
0335	Fdn, Column Breakaway, Rem	8100220	2.000	Ea
0340	Glare Screen Connection, Conc, Perforated Steel Square Tube	8100291	3.000	Ea
0345	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea
0350	Fdn, Perforated Steel Square Tube Sign Breakaway	8100331	4.000	Ea

	System, Rem			
0355	Post, Flexible, Delineator	8100360	30.000	Ea
0360	Post, Rigid, Delineator	8100361	137.000	Ea
0365	Post, Steel, 3 pound	8100371	1,336.000	Ft
0370	Post, Wood, 6 inch by 8 inch	8100382	36.000	Ft
0375	Sign, Type I, Rem	8100391	1.000	Ea
0380	Sign, Type IA	8100392	127.000	Sft
0385	Sign, Type II, Rem	8100397	2.000	Ea
0390	Sign, Type IIA	8100398	30.000	Sft
0395	Sign, Type III, Rem	8100403	6.000	Ea
0400	Sign, Type IIIB	8100405	15.000	Sft
0405	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0410	Sign, Type V, Rem	8100421	29.000	Ea
0415	Sign, Type VB	8100425	644.000	Sft
0420	Reflective Panel for Permanent Sign Support, 6 foot	8100616	38.000	Ea
0425	Ground Mtd Sign Support, Rem	8102010	64.000	Ea
0430	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0435	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	770.000	Ft
0440	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	67.000	Ft
0445	Recessing Pavt Mrkg, Longit	8110450	35,939.000	Ft
0450	Recessing Pavt Mrkg, Transv	8110451	94.000	Sft
0455	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	22,434.000	Ft
0460	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	879.000	Ft
0465	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	14,056.000	Ft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0475	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0480	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	22.000	Ea
0485	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	22.000	Ea
0490	Conc Barrier, Temp, Adj	8120080	1,012.000	Ft
0495	Conc Barrier, Temp, Furn	8120081	1,012.000	Ft
0500	Conc Barrier, Temp, Oper	8120082	1,012.000	Ft
0505	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0510	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0515	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0525	Ltg for Night Work	8120160	1.000	LSUM
0530	Minor Traf Devices	8120170	1.000	LSUM
0535	Mobile Attenuator	8120180	2.000	Ea
0540	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,596.000	Ft
0545	Plastic Drum, Fluorescent, Furn	8120252	380.000	Ea
0550	Plastic Drum, Fluorescent, Oper	8120253	380.000	Ea
0555	Sign Cover	8120310	30.000	Ea
0560	Sign Cover, Type I	8120320	26.000	Ea
0565	Sign, Portable, Changeable Message, NTCIP-	8120332	6.000	Ea

	Compliant, Furn			
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0575	Sign, Type A, Temp, Prismatic, Furn	8120340	2,665.000	Sft
0580	Sign, Type A, Temp, Prismatic, Oper	8120341	2,665.000	Sft
0585	Sign, Type B, Temp, Prismatic, Furn	8120350	1,436.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	1,436.000	Sft
0595	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,215.000	Sft
0600	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,215.000	Sft
0605	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	8,634.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	22,670.000	Ft
0615	Speed Radar Trailer, Temp	8122028	2.000	Ea
0620	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	648.000	Ft
0625	Riprap, Plain	8130010	86.000	Syd
0630	Water, Sodding/Seeding	8160090	2.000	Unit
0635	Slope Restoration, Freeway, Type A	8162013	1,815.000	Syd
0640	Slope Restoration, Freeway, Type B	8162014	17,963.000	Syd
0645	Slope Restoration, Freeway, Type C	8162015	5,774.000	Syd
0650	Slope Restoration, Freeway, Type D	8162016	856.000	Syd
0655	Hh, Adj	8182328	12.000	Ea
0660	_ Sinusoidal Corrugations, Freeway, Milled, HMA Shld	8227001	18,837.000	Ft
0665	Contractor Staking	8240001	1.000	LSUM
0670	Staking Plan Errors and Extras, Max \$180/hour	8240002	94.000	Hr

Section: 2

0675	_ Railroad Inspection and Flagging, CSX Transportation	1027060	25,000.000	Dlr
0680	_ Railroad Protection, CSX Transportation	1027060	25,000.000	Dlr
0685	Hand Chipping, Shallow	7120003	20.000	Syd
0690	Hand Chipping, Deep	7120004	20.000	Syd
0695	Hand Chipping, Other Than Deck	7120007	133.000	Cft
0700	Epoxy Ovly	7120020	18,897.000	Syd
0705	Patching Conc, C-L	7120112	12.000	Cyd
0710	Bridge Joint, Strip Seal Gland Replacement	7122005	733.000	Ft



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 010**Letting Date:** December 1, 2023**Contract ID:** 82123-213484

Description: 5.20 mi of hot mix asphalt cold milling and resurfacing, high friction surface treatment, pavement repairs and pavement markings on I-96 from M-39 to M-8 and I-96 from Wyoming Street to Fullerton Street in the city of Detroit, Wayne County. This project includes a 3 year materials and workmanship 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
213484A	24A0040	N/A	NH 82123
214054A	24A0041	N/A	HSIP 82123

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Inspection and Flagging, Consolidated Rail Corporation	1027060	7,500.000	Dlr
0010	_ Railroad Inspection and Flagging, CSX Transportation, Inc	1027060	7,500.000	Dlr
0015	_ Railroad Protection, Conrail	1027060	5,000.000	Dlr
0020	_ Railroad Protection, CSX Transportation	1027060	5,000.000	Dlr
0025	Mobilization, Max \$883,700.00	1100001	1.000	LSUM
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	563.000	Ea
0035	Project Cleanup	2090001	1.000	LSUM
0040	Aggregate Base	3020001	50.000	Ton
0045	Dr Structure Cover, Adj, Case 1, Modified	4030004	30.000	Ea
0050	Dr Structure Cover, Type CX	4030020	15.000	Ea
0055	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0060	Dr Structure, Cleaning	4030290	160.000	Ea
0065	_ Dr Structure Repr, Add Depth, Composite Pavt	4037001	15.000	Ft
0070	_ Dr Structure Repr, Composite Pavt	4037050	10.000	Ea
0075	Pavt, Cleaning	5010001	1.000	LSUM
0080	Cold Milling HMA Surface	5010002	258,600.000	Syd
0085	Bump Grinding	5010004	1,500.000	Syd
0090	HMA Quality Initiative	5010007	61,360.000	Dlr
0095	Longit Joint Density Quality Initiative	5010018	30,000.000	Dlr
0100	Pavt Joint and Crack Repr, Det 7	5010020	16,500.000	Ft
0105	Hand Patching	5010025	1,100.000	Ton
0110	HMA Approach	5010061	1,830.000	Ton
0115	_ Stone Matrix Asphalt (1/2 inch Nominal Max)	5017031	28,200.000	Ton
0120	High Friction Surface Treatment	5060800	29,500.000	Syd

0125	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	5.000	Ea
0135	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0155	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	265.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	191,280.000	Ft
0165	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	73,041.000	Ft
0170	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	18,010.000	Ft
0175	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0180	Recessing Pavt Mrkg, Longit	8110450	249,000.000	Ft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	87.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	87.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0205	Ltg for Night Work	8120160	1.000	LSUM
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Mobile Attenuator	8120180	8.000	Ea
0220	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,200.000	Ft
0225	Plastic Drum, Fluorescent, Furn	8120252	750.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	750.000	Ea
0235	Sign Cover	8120310	24.000	Ea
0240	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	12.000	Ea
0245	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	12.000	Ea
0250	Sign, Type A, Temp, Prismatic, Furn	8120340	150.000	Sft
0255	Sign, Type A, Temp, Prismatic, Oper	8120341	150.000	Sft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	3,600.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	3,600.000	Sft
0270	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0275	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	6,000.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	6,000.000	Ft
0295	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	6,000.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	6,000.000	Ft
0305	Speed Radar Trailer, Temp	8122028	1.000	Ea
0310	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,200.000	Ft

0315	Conc Barrier-Mtd Temp Sign System, Furn	8122192	60.000	Ea
0320	Conc Barrier-Mtd Temp Sign System, Oper	8122193	60.000	Ea
0325	Monument Preservation	8210010	2.000	Ea
0330	Contractor Staking	8240001	1.000	LSUM
0335	Staking Plan Errors and Extras, Max \$180/hour	8240002	80.000	Hr



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 011**Letting Date:** December 1, 2023**Contract ID:** 17033-204407

Description: Bridge rehabilitation including deck overlay, deck patching, railing replacement, full depth deck patching, substructure patching, expansion joint replacement, partial painting, substructure patching, beam end cutting and approach work on M-48 over I-75, Chippewa County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204407A	24A0039	N/A	BFPI 17033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$492,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	168.000	Ft
0015	Guardrail, Rem	2040035	788.000	Ft
0020	Pavt, Rem	2040050	228.000	Syd
0025	Embankment, CIP	2050010	20.000	Cyd
0030	Excavation, Earth	2050016	62.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0040	Erosion Control, Silt Fence	2080036	100.000	Ft
0045	Subbase, CIP	3010002	42.000	Cyd
0050	Aggregate Base, 4 inch	3020010	196.000	Syd
0055	Aggregate Base, 8 inch	3020020	28.000	Syd
0060	Shld, CI II	3070121	24.000	Ton
0065	_ Storm Sewer Cleanout	4027001	40.000	Ft
0070	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0075	Dr Structure Cover, Type D	4030025	8.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0085	Cold Milling HMA Surface	5010002	711.000	Syd
0090	HMA Surface, Rem	5010005	43.000	Syd
0095	Longit Joint Density Quality Initiative	5010018	1,200.000	Dlr
0100	HMA Approach	5010061	189.000	Ton
0105	Joint, Expansion, E3	6020208	124.000	Ft
0110	Conc Pavt, Bridge Approach, Reinf	6020600	196.000	Syd
0115	Curb and Gutter, Bridge Approach, Det 4A	8022021	160.000	Ft
0120	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0125	Guardrail Reflector	8070080	26.000	Ea
0130	Guardrail, Reconst, Type T	8070109	160.000	Ft
0135	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea

0140	Guardrail, Type MGS-8, 72 inch Post	8072179	176.000	Ft
0145	Delineator Reflector, Green	8100133	4.000	Ea
0150	Post, Rigid, Delineator	8100361	4.000	Ea
0155	Post, Steel, 3 pound	8100371	136.000	Ft
0160	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0165	Sign, Type III, Rem, Salv	8102003	8.000	Ea
0170	Ground Mtd Sign Support, Rem	8102010	8.000	Ea
0175	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,433.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	4,682.000	Ft
0185	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,433.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	4,682.000	Ft
0195	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	240.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0215	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0225	Mobile Attenuator	8120180	1.000	Ea
0230	Plastic Drum, Fluorescent, Furn	8120252	45.000	Ea
0235	Plastic Drum, Fluorescent, Oper	8120253	45.000	Ea
0240	Sign Cover	8120310	10.000	Ea
0245	Sign Cover, Type I	8120320	8.000	Ea
0250	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0255	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	1,135.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	1,135.000	Sft
0270	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	77.000	Sft
0275	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	77.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0285	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0290	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0295	Slope Restoration, Non-Freeway, Type C	8162003	456.000	Syd
0300	Contractor Staking	8240001	1.000	LSUM
0305	Staking Plan Errors and Extras, Max \$180/hour	8240002	53.000	Hr

Section: 2

0310	Backfill, Structure, CIP	2060002	26.000	Cyd
0315	Excavation, Fdn	2060010	26.000	Cyd
0320	HMA Patch, Rem	5010006	5.000	Syd
0325	Bridge Ltg, Furn and Rem (S01 of 17033)	7060001	1.000	LSUM
0330	Bridge Ltg, Oper and Maintain	7060002	242.000	Cyd
0335	Expansion Joint Device	7060050	669.000	Ft
0340	False Decking	7060060	8,073.000	Sft

0345	Reinforcement, Steel, Epoxy Coated	7060092	61,810.000	Lb
0350	Sealing Localized Cracks (S01 of 17033)	7060220	1.000	LSUM
0355	Conc, Grade 4500	7062003	183.000	Cyd
0360	_ Expansive Waterstop	7067001	1,500.000	Ft
0365	_ Embedded Distributed Anode	7067050	317.000	Ea
0370	Joint Waterproofing	7100001	150.000	Sft
0375	Substructure Horizontal Surface Sealer (S01 of 17033)	7100030	328.000	Syd
0380	Substructure Horizontal Surface Sealer (S02 of 17033)	7100030	295.000	Syd
0385	_ Silane Treatment	7107010	6,394.000	Sft
0390	Bridge Barrier Railing, Type 6, Replacement	7112002	1,346.000	Ft
0395	_ Precast Polymer Conc Formed Barrier Safety Panels	7117001	1,346.000	Ft
0400	Hand Chipping, Deep	7120004	20.000	Syd
0405	Hand Chipping, Other Than Deck	7120007	1,233.000	Cft
0410	Patch, Full Depth	7120010	24.000	Cyd
0415	Patch, Forming	7120017	1,185.000	Sft
0420	Bridge Deck Surface Construction	7120025	2,175.000	Syd
0425	Conc, Silica Fume Modified	7120027	242.000	Cyd
0430	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	4,545.000	Ea
0435	Structures, Rehabilitation, Rem Portions (S01 of 17033)	7120070	1.000	LSUM
0440	Structures, Rehabilitation, Rem Portions (S02 of 17033)	7120070	1.000	LSUM
0445	Deck Joint, Rem	7120071	721.000	Ft
0450	Hydrodemolition, First Pass	7120076	2,175.000	Syd
0455	Hydrodemolition, 2nd Pass	7120077	87.000	Syd
0460	Patching Conc, C-L	7120112	88.000	Cyd
0465	Embedded Galvanic Anode	7120120	1,243.000	Ea
0470	Hand Chipping, Full Depth	7122000	642.000	Cft
0475	Beam Plate, Seal Perimeter	7130010	10,250.000	Ft
0480	Cutting Beam Ends, Simple Span	7130020	1.000	Ea
0485	Steel Structure, Cleaning, Partial, Type 4 (S01 of 17033)	7150047	1.000	LSUM
0490	Steel Structure, Coating, Partial, Type 4 (S01 of 17033)	7150048	1.000	LSUM



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 012**Letting Date:** December 1, 2023**Contract ID:** 44032-201308

Description: 8.18 mi of hot mix asphalt cold milling and resurfacing, joint repairs, drainage, guardrail, pavement markings and bridge replacement with approach work on M-53 from south of Bowers Road to Deanville Road, Lapeer County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201308A	24A0028	N/A	NH 44032
202143A	24A0029	N/A	BFP 44023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Critical Path Method Schedule	1080005	15,000.000	Dlr
0010	Mobilization, Max \$808,800.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.250	Acre
0020	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	4.000	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	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	16.000	Ft
0050	Guardrail, Rem	2040035	10,344.000	Ft
0055	Pavt, Rem	2040050	2,134.000	Syd
0060	Ditch Cleanout	2050006	64.000	Sta
0065	Embankment, CIP	2050010	7,080.000	Cyd
0070	Excavation, Earth	2050016	3,840.000	Cyd
0075	Granular Material, CI II	2050023	25.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0085	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0090	Erosion Control, Silt Fence	2080036	10,880.000	Ft
0095	Subbase, CIP	3010002	1,300.000	Cyd
0100	Aggregate Base, 6 inch	3020016	4,800.000	Syd
0105	Maintenance Gravel	3060020	200.000	Ton
0110	Approach, CI II	3070021	25.000	Ton
0115	Shld, CI II, 7 inch	3070129	553.000	Syd
0120	_ Shld, CI II, Modified	3077031	3,924.000	Ton
0125	Culv End Sect, 12 inch	4010012	8.000	Ea
0130	Culv End Sect, 15 inch	4010015	1.000	Ea

0135	Culv End Sect, 18 inch	4010018	4.000	Ea
0140	Culv End Sect, 24 inch	4010024	3.000	Ea
0145	Culv End Sect, Conc, 12 inch	4010047	6.000	Ea
0150	Culv End Sect, Footing	4010072	14.000	Ea
0155	Culv End Sect, Metal, 12 inch	4010094	150.000	Ea
0160	Culv End Sect, Metal, 15 inch	4010095	6.000	Ea
0165	Culv End Sect, Metal, 18 inch	4010096	13.000	Ea
0170	Culv End Sect, Metal, 24 inch	4010098	3.000	Ea
0175	Culv End Sect, Salv, 30 inch or less	4010119	5.000	Ea
0180	Culv End Sect, Salv, over 30 inch	4010120	3.000	Ea
0185	Culv, CI E, 18 inch	4010541	8.000	Ft
0190	Culv, CI F, 12 inch	4010607	104.000	Ft
0195	Culv, CI F, 18 inch	4010609	48.000	Ft
0200	Culv, CI F, 24 inch	4010610	96.000	Ft
0205	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0210	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0215	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	4.000	Ea
0220	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	4.000	Ea
0225	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	1.000	Ea
0230	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	3.000	Ea
0235	Dr Marker Post	4011109	33.000	Ea
0240	_ Culv Cleanout	4017001	3,919.000	Ft
0245	_ Storm Sewer Cleanout	4027001	331.000	Ft
0250	Underdrain, Subbase, 6 inch	4040063	1,460.000	Ft
0255	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0260	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0265	Video Inspection of Underdrain	4040200	1,520.000	Ft
0270	Pavt, Cleaning	5010001	1.000	LSUM
0275	Cold Milling HMA Surface	5010002	163,384.000	Syd
0280	Bump Grinding	5010004	1,890.000	Syd
0285	HMA Surface, Rem	5010005	3,661.000	Syd
0290	HMA Quality Initiative	5010007	73,160.000	Dlr
0295	Longit Joint Density Quality Initiative	5010018	87,109.000	Dlr
0300	Hand Patching	5010025	1,085.000	Ton
0305	HMA Approach	5010061	2,188.000	Ton
0310	HMA, 3EML	5012013	598.000	Ton
0315	HMA, 4EML	5012025	18,692.000	Ton
0320	HMA, 5EML	5012037	14,017.000	Ton
0325	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	6,178.000	Ft
0330	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	6,516.000	Ft
0335	Curb Slp, HMA	8050010	8,467.000	Ft
0340	Guardrail Approach Terminal, Type 2M	8070044	33.000	Ea
0345	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0350	Guardrail Reflector	8070080	367.000	Ea
0355	Post, Mailbox	8070095	20.000	Ea

0360	Guardrail, Curved, Type B-CRT	8072154	63.000	Ft
0365	Guardrail, Type MGS-8, 108 inch Post	8072180	8,467.000	Ft
0370	_ Guardrail Post, Slab, Adhesive Anchored	8077050	10.000	Ea
0375	Delineator Reflector, Green	8100133	36.000	Ea
0380	Post, Rigid, Delineator	8100361	36.000	Ea
0385	Post, Steel, 3 pound	8100371	200.000	Ft
0390	Sign, Type III, Rem	8100403	9.000	Ea
0395	Sign, Type IIIB	8100405	38.000	Sft
0400	Sign, Type VB	8100425	18.000	Sft
0405	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0410	Ground Mtd Sign Support, Rem	8102010	9.000	Ea
0415	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0420	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0425	Recessing Pavt Mrkg, Longit	8110450	118,957.000	Ft
0430	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	84,446.000	Ft
0435	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	34,511.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
0445	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
0450	Conc Barrier, Temp, Furn	8120081	50.000	Ft
0455	Conc Barrier, Temp, Oper	8120082	50.000	Ft
0460	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0465	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0470	Ltg for Night Work	8120160	1.000	LSUM
0475	Minor Traf Devices	8120170	1.000	LSUM
0480	Mobile Attenuator	8120180	2.000	Ea
0485	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	41,678.000	Ft
0490	Plastic Drum, Fluorescent, Furn	8120252	560.000	Ea
0495	Plastic Drum, Fluorescent, Oper	8120253	560.000	Ea
0500	Sign Cover	8120310	20.000	Ea
0505	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0510	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0515	Sign, Type B, Temp, Prismatic, Furn	8120350	3,335.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	3,335.000	Sft
0525	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	864.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	864.000	Sft
0535	Traf Regulator Control	8120370	1.000	LSUM
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	43,400.000	Ft
0545	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	55,562.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	3,163.000	Ft
0555	Riprap, Plain	8130010	157.000	Syd

0560	_ HMA Spillway	8147011	48.000	Syd
0565	Slope Restoration, Non-Freeway, Type E	8162005	14,600.000	Syd
0570	Slope Restoration, Non-Freeway, Type F	8162006	23,200.000	Syd
0575	Monument Preservation	8210010	3.000	Ea
0580	Centerline Corrugations, Milled, HMA	8220013	43,200.000	Ft
0585	Contractor Staking	8240001	1.000	LSUM
0590	Staking Plan Errors and Extras, Max \$180/hour	8240002	81.000	Hr

Section: 2

0595	Structures, Rem (B01 of 44032)	2040060	1.000	LSUM
0600	Flowable Fill, Non-Structural	2050148	10.000	Cyd
0605	Backfill, Structure, CIP	2060002	2,600.000	Cyd
0610	Aggregate	2060005	104.000	Cyd
0615	Excavation, Fdn	2060010	3,180.000	Cyd
0620	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0625	Erosion Control, Filter Bag	2080014	4.000	Ea
0630	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0635	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0640	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0645	Erosion Control, Stone Bag	2080038	120.000	Ea
0650	Geotextile, Separator, Non-Woven	3082000	950.000	Syd
0655	Underdrain, Fdn, 4 inch	4040031	175.000	Ft
0660	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0665	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0670	Culv Bedding, Box Culv	4060005	100.000	Cyd
0675	_ Culv, Precast Conc Box, 22 Foot x 11 Foot	4067001	59.000	Ft
0680	_ Conc Slab, Reinf, 9 inch	6027011	37.000	Syd
0685	Steel Sheet Piling, Temp	7040002	2,450.000	Sft
0690	Cofferdams (B01 of 44032)	7040007	1.000	LSUM
0695	Cofferdams, Left in Place (B01 of 44032)	7040009	1.000	LSUM
0700	Joint Waterproofing	7100001	90.000	Sft
0705	Riprap, Plain	8130011	300.000	Ton



10/25/2023 3:38 PM

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Schedule of Pay Items

Report v1

Letting Call: 231201 013**Letting Date:** December 1, 2023**Contract ID:** 73171-217124

Description: 30.14 mi of freeway signing upgrades, overhead sign structures, guardrail and install delineators along I-75/US-23, US-10 from the Genesee County line northerly to Bay County line and from the south Saginaw County line northerly to M-13 Connector, Saginaw and Bay Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217124A	24A0037	N/A	NHG 73171

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$433,300.00	1100001	1.000	LSUM
0010	Conc Barrier, Rem	2040010	248.000	Ft
0015	Guardrail, Rem	2040035	269.000	Ft
0020	Pavt, Rem	2040050	621.000	Syd
0025	Exploratory Investigation, Vertical	2040080	150.000	Ft
0030	Excavation, Earth	2050016	331.000	Cyd
0035	Granular Material, CI II	2050023	12.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0045	Backfill, Structure, CIP	2060002	16.000	Cyd
0050	Subbase, CIP	3010002	183.000	Cyd
0055	Open-Graded Dr Cse, 6 inch	3030006	648.000	Syd
0060	Geotextile, Separator	3080005	648.000	Syd
0065	Underdrain, Pipe, Open-Graded, 6 inch	4040043	496.000	Ft
0070	Joint, Contraction, C3p	6020201	430.000	Ft
0075	Shld, Nonreinf Conc	6020222	648.000	Syd
0080	Lane Tie, Epoxy Anchored	6030030	176.000	Ea
0085	Steel Sheet Piling, Temp, Left in Place	7040003	3,840.000	Sft
0090	_ Valley Gutter, Conc, Modified	8027001	496.000	Ft
0095	Sidewalk, Conc, 4 inch	8030044	76.000	Sft
0100	Conc Barrier, Split, Type B	8040011	152.000	Ft
0105	Glare Screen, Conc, Split	8040016	232.000	Ft
0110	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0115	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
0120	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0125	Guardrail Reflector	8070080	24.000	Ea
0130	Guardrail, Type T, 84 inch Post	8072175	338.000	Ft
0135	Guardrail, Type MGS-8, 72 inch Post	8072179	358.000	Ft

0140	Band, Sign	8100010	17.000	Ea
0145	Bridge Sign Connection, Bolt Replacement	8100020	21.000	Ea
0150	Bridge Sign Connection, Conc, Type A1	8100031	46.000	Ea
0155	Bridge Sign Connection, Conc, Type C	8100033	2.000	Ea
0160	Bridge Sign Connection, Conc, Type D	8100034	1.000	Ea
0165	Bridge Sign Connection, Steel, Type F	8100065	4.000	Ea
0170	Bridge Sign Connection, Steel, Type G	8100066	2.000	Ea
0175	Bridge Sign Connection, Type A, Rem	8100080	44.000	Ea
0180	Bridge Sign Connection, Type D, Rem	8100083	1.000	Ea
0185	Cantilever, Rem	8100090	2.000	Ea
0190	Cantilever, Type E	8100104	3.000	Ea
0195	Column, Breakaway, W8 x 13	8100120	30.000	Ea
0200	Column, Breakaway, W8 x 18	8100121	18.000	Ea
0205	Fdn, Breakaway, W8 x 13	8100160	30.000	Ea
0210	Fdn, Breakaway, W8 x 18	8100161	18.000	Ea
0215	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	84.000	Ft
0220	Fdn, Cantilever, Rem	8100190	2.000	Ea
0225	Fdn, Column Breakaway, Rem	8100220	34.000	Ea
0230	Fdn, Truss Sign Structure Type E, 48 inch dia, Cased	8100250	148.000	Ft
0235	Fdn, Truss, Rem	8100260	6.000	Ea
0240	Fdn, Truss, Type E	8100272	4.000	Ea
0245	Fdn, Wood Support, Rem	8100280	301.000	Ea
0250	Installing MDOT Supplied Sign, Type I	8100300	3.000	Ea
0255	Installing MDOT Supplied Sign, Type III	8100302	46.000	Ea
0260	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	54.000	Ea
0265	Perforated Steel Square Tube Breakaway System	8100330	22.000	Ea
0270	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	53.000	Ea
0275	Post Hole Through Conc for Steel Post	8100340	36.000	Ea
0280	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
0285	Post, Steel, 3 pound	8100371	10,832.000	Ft
0290	Post, Wood, 4 inch by 6 inch	8100380	3,160.000	Ft
0295	Post, Wood, 6 inch by 8 inch	8100382	2,578.000	Ft
0300	Sign, Type I, Rem	8100391	110.000	Ea
0305	Sign, Type IA	8100392	15,216.000	Sft
0310	Sign, Type IB	8100393	2,176.000	Sft
0315	Sign, Type II, Rem	8100397	255.000	Ea
0320	Sign, Type IIA	8100398	3,303.000	Sft
0325	Sign, Type IIB	8100399	1,407.000	Sft
0330	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0335	Sign, Type III, Rem	8100403	704.000	Ea
0340	Sign, Type IIIA	8100404	1,891.000	Sft
0345	Sign, Type IIIB	8100405	1,968.000	Sft
0350	Transporting Salv MDOT Materials	8100420	1.000	LSUM

0355	Sign, Type V, Rem	8100421	15.000	Ea
0360	Sign, Type VA	8100424	108.000	Sft
0365	Sign, Type VB	8100425	1,128.000	Sft
0370	Truss, Rem	8100440	3.000	Ea
0375	Truss, Type E, 95 foot	8100493	1.000	Ea
0380	Truss, Type E, 100 foot	8100494	3.000	Ea
0385	Reflective Panel for Permanent Sign Support, 3 foot	8100613	162.000	Ea
0390	Reflective Panel for Permanent Sign Support, 6 foot	8100616	155.000	Ea
0395	Bracket, H	8100650	6.000	Ea
0400	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0405	Ground Mtd Sign Support, Rem	8102010	1,046.000	Ea
0410	_ Hand Digging Sign Post	8107050	50.000	Ea
0415	Conc Barrier Ending, Temp, Det 4, Furn	8120051	4.000	Ea
0420	Conc Barrier Ending, Temp, Det 4, Oper	8120052	4.000	Ea
0425	Conc Barrier Ending, Temp, Det 4, Relocated	8120053	4.000	Ea
0430	Conc Barrier, Temp, Furn	8120081	1,200.000	Ft
0435	Conc Barrier, Temp, Oper	8120082	1,200.000	Ft
0440	Conc Barrier, Temp, Relocated	8120083	1,200.000	Ft
0445	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0450	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0455	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0465	Ltg for Night Work	8120160	1.000	LSUM
0470	Minor Traf Devices	8120170	1.000	LSUM
0475	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0480	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0485	Sign Cover	8120310	4.000	Ea
0490	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0495	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	3,975.000	Sft
0505	Sign, Type B, Temp, Prismatic, Oper	8120351	3,975.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0515	Slope Restoration, Freeway, Type A	8162013	300.000	Syd
0520	Contractor Staking	8240001	1.000	LSUM
0525	Staking Plan Errors and Extras, Max \$180/hour	8240002	47.000	Hr



10/25/2023 3:38 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 014**Letting Date:** December 1, 2023**Contract ID:** 41131-212524

Description: 3.92 mi of road and bridge rehabilitation including transverse and longitudinal full depth concrete joint repairs with joint and crack sealing, pin and hanger replacement, temporary supports, slab patching and joint replacement on US-131 over NS Railroad and Plaster Creek (R01 and R02 of 41131) and US-131NB over Front Avenue (S19 of 41131) and US-131 from M-11 (28th Street) to Pearl Street in cities of Wyoming and Grand Rapids, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212524A	N/A	N/A	M 41131
214056A	N/A	N/A	M 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$565,800.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	8,000.000	Ft
0015	Pavt, Rem	2040050	270.000	Syd
0020	Erosion Control, Sand Bag	2080028	20.000	Ea
0025	Erosion Control, Silt Fence	2080036	700.000	Ft
0030	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0035	Dr Structure Cover, Type D	4030025	5.000	Ea
0040	Dr Structure Cover, Type DX	4030030	5.000	Ea
0045	Dr Structure Cover, Type J	4030045	10.000	Ea
0050	Dr Structure Lead, Cleaning, 12 inch	4030112	200.000	Ft
0055	Dr Structure Lead, Cleaning, 18 inch	4030118	200.000	Ft
0060	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0065	Dr Structure, Cleaning	4030290	10.000	Ea
0070	_ Dr Structure, Reconst	4037001	50.000	Ft
0075	_ Asphalt Repr Mastic	5027001	7,000.000	Ft
0080	Joint, Contraction, Cp	6020200	3,310.000	Ft
0085	Joint, Expansion, E2	6020207	100.000	Ft
0090	Conc Pavt, Bridge Approach, Reinf	6020600	270.000	Syd
0095	Cement	6030005	30.000	Ton
0100	Crack Sealing, Conc Pavt	6030010	12,960.000	Ft
0105	Joint, Contraction, Crg	6030020	30,450.000	Ft
0110	Joint, Expansion, Erg	6030021	3,020.000	Ft
0115	Lane Tie, Epoxy Anchored	6030030	500.000	Ea
0120	Non-Chloride Accelerator	6030035	600.000	Gal
0125	Pavt Repr, Nonreinf Conc, 10 inch	6030048	9,970.000	Syd

0130	Pavt Repr, Rem	6030080	9,970.000	Syd
0135	Saw Cut, Intermediate	6030090	2,510.000	Ft
0140	Resealing Trans Joints with Hot-Poured Rubber	6030100	37,980.000	Ft
0145	Resealing Longit Joints with Hot-Poured Rubber	6030101	85,430.000	Ft
0150	_ Joint, Tied, 2.5 foot	6037001	7,390.000	Ft
0155	_ Joint, Tied, 4 foot	6037001	3,920.000	Ft
0160	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch	6037011	2,060.000	Syd
0165	_ Pavt Repr, 2.5 foot, Rem	6037011	2,060.000	Syd
0170	_ Pavt Repr, 4 foot, Nonreinf, 10 inch	6037011	1,270.000	Syd
0175	_ Pavt Repr, 4 foot, Rem	6037011	1,270.000	Syd
0180	Curb and Gutter, Conc, Det B1	8020015	4,000.000	Ft
0185	_ Valley Gutter, Conc, Modified	8027001	4,000.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	100,070.000	Ft
0195	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	43,440.000	Ft
0200	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	11,270.000	Ft
0205	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	12,540.000	Ft
0210	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	1,130.000	Ft
0215	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	116.000	Ea
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	116.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0235	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0240	Conc Barrier Ending, Temp, Det 4, Adj	8120050	1.000	Ea
0245	Conc Barrier Ending, Temp, Det 4, Furn	8120051	2.000	Ea
0250	Conc Barrier Ending, Temp, Det 4, Oper	8120052	2.000	Ea
0255	Conc Barrier Ending, Temp, Det 4, Relocated	8120053	1.000	Ea
0260	Conc Barrier, Temp, Adj	8120080	450.000	Ft
0265	Conc Barrier, Temp, Furn	8120081	1,142.000	Ft
0270	Conc Barrier, Temp, Oper	8120082	1,142.000	Ft
0275	Conc Barrier, Temp, Relocated	8120083	692.000	Ft
0280	Culv, Temp	8120090	1.000	Ea
0285	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0290	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0295	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0305	Minor Traf Devices	8120170	1.000	LSUM
0310	Mobile Attenuator	8120180	6.000	Ea
0315	Pavt Mrkg Cover, Type R, Black	8120200	7,062.000	Ft
0320	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	5,414.000	Ft
0325	Plastic Drum, Fluorescent, Furn	8120252	517.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	517.000	Ea
0335	Sign Cover	8120310	90.000	Ea
0340	Sign Cover, Type I	8120320	16.000	Ea

0345	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	12.000	Ea
0350	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	12.000	Ea
0355	Sign, Type B, Temp, Prismatic, Furn	8120350	7,044.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	7,044.000	Sft
0365	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	876.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	876.000	Sft
0375	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,705.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,709.000	Ft
0385	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	1,705.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	3,709.000	Ft
0395	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	3,032.000	Ft
0400	Speed Radar Trailer, Temp	8122028	4.000	Ea
0405	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	960.000	Ft
0410	Conc Barrier-Mtd Temp Sign System, Furn	8122192	30.000	Ea
0415	Conc Barrier-Mtd Temp Sign System, Oper	8122193	30.000	Ea
0420	_ Heavy Duty Wrecker	8127050	2.000	Ea
0425	_ Light Duty Wrecker	8127050	6.000	Ea
0430	_ Medium Duty Wrecker	8127050	2.000	Ea
0435	_ Traf Speed Sensor, Portable, Temp	8127050	4.000	Ea
0440	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0445	Riprap, Plain, LM	8130012	2.000	Cyd
0450	Contractor Staking	8240001	1.000	LSUM
0455	Staking Plan Errors and Extras, Max \$180/hour	8240002	60.000	Hr

Section: 2

0460	Excavation, Fdn	2060010	1,507.000	Cyd
0465	_ Backfill, Structure, CIP, Dense-Graded, Modified	2067021	1,654.000	Cyd
0470	Expansion Joint Device	7060050	81.000	Ft
0475	Reinforcement, Steel, Epoxy Coated	7060092	859.000	Lb
0480	Conc, Grade 4500HP	7062004	1.000	Cyd
0485	Bushing	7070030	192.000	Ea
0490	Hand Chipping, Shallow	7120003	18.000	Syd
0495	Deck Joint, Rem	7120071	81.000	Ft
0500	Patching Conc, C-L	7120112	2.000	Cyd
0505	Hanger Assembly, Field Measurement	7130030	48.000	Ea
0510	Hanger Assembly, Rem and Erect	7130031	48.000	Ea
0515	Structural Steel, Furn and Fab, Pin and Hanger	7130070	9,892.000	Lb
0520	Support, Column, Temp	7130080	48.000	Ea
0525	Steel Structure, Cleaning, Partial, Type 4 (R02-1 of 41131)	7150047	1.000	LSUM

0530	Steel Structure, Cleaning, Partial, Type 4 (R02-2 of 41131)	7150047	1.000	LSUM
0535	Steel Structure, Coating, Partial, Type 4 (R02-1 of 41131)	7150048	1.000	LSUM
0540	Steel Structure, Coating, Partial, Type 4 (R02-2 of 41131)	7150048	1.000	LSUM
0545	_ Heating and Housing (R02-1 of 41131)	7157051	1.000	LSUM
0550	_ Heating and Housing (R02-2 of 41131)	7157051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 231201 015

Letting Date: December 1, 2023

Contract ID: 82052-123096

Description: 2.50 mi of road rehabilitation including concrete pavement repair, joint resealing, hot mix asphalt resurfacing and pavement markings and reconstruction of 2 structures including a culvert replacement and a bridge replacement including 35-inch steel plate girders and rehabilitation of 5 structures including partial deck replacements, epoxy overlays, concrete deck, barrier and substructure patching, replacement of expansion joints, replacement of barrier, guardrail and approach work on US-24/I-75 Connector from US-24 to I-75 and I-75 over Frank and Poet Drain, Conrail and Racho Road in the city of Taylor, Wayne County. This Project includes a 5 year epoxy performance warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123096A	24A0046	N/A	BFP 82052
204421A	24A0049	N/A	BFP 82271
210109A	24A0047	N/A	BFP 82271
213478A	24A0048	N/A	NH 82271

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	66,725.000	Dlr
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$1,597,300.00	1100001	1.000	LSUM
0020	Clearing	2010001	1.580	Acre
0025	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0035	Culv, End, Rem, 24 inch to 48 inch	2030006	6.000	Ea
0040	Dr Structure, Rem	2030011	9.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	318.000	Ft
0050	_ Abandon Utility, Rem	2037001	100.000	Ft
0055	Asbestos Materials, Rem and Disposal	2040001	4,700.000	Dlr
0060	Conc Barrier, Rem	2040010	2,187.000	Ft
0065	Curb and Gutter, Rem	2040020	92.000	Ft
0070	Fence, Rem	2040025	40.000	Ft
0075	Guardrail, Rem	2040035	1,239.000	Ft
0080	Gutter, Rem	2040040	403.000	Ft
0085	Pavt, Rem	2040050	13,625.000	Syd
0090	Sidewalk, Rem	2040055	89.000	Syd
0095	Embankment, CIP	2050010	11,775.000	Cyd
0100	Excavation, Earth	2050016	10,451.000	Cyd
0105	Erosion Control, Check Dam, Stone	2080012	30.000	Ft

0110	Erosion Control, Filter Bag	2080014	6.000	Ea
0115	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	90.000	Ea
0125	Erosion Control, Inlet Protection, Sediment Trap	2080024	7.000	Ea
0130	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0135	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0140	Erosion Control, Silt Fence	2080036	6,212.000	Ft
0145	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	153.000	Cyd
0155	Aggregate Base	3020001	201.000	Ton
0160	Aggregate Base, 6 inch	3020016	177.000	Syd
0165	Open-Graded Dr Cse, 6 inch	3030006	903.000	Syd
0170	Open-Graded Dr Cse, 16 inch	3030016	17,377.000	Syd
0175	Open-Graded Dr Cse, CIP	3030030	25.000	Cyd
0180	Driveway Maintenance, Commercial	3062000	2.000	Ea
0185	Shld, CI II, 6 inch	3070128	45.000	Syd
0190	_ Shld, CI II, 9 1/2 inch	3077011	708.000	Syd
0195	Geotextile, Separator	3080005	20,514.000	Syd
0200	Culv End Sect, 12 inch	4010012	3.000	Ea
0205	Culv End Sect, Conc, 24 inch	4010051	3.000	Ea
0210	Culv End Sect, Conc, 36 inch	4010053	1.000	Ea
0215	Culv End Sect, Footing	4010072	6.000	Ea
0220	Culv, CI A, Conc, 24 inch	4010168	22.000	Ft
0225	Culv, CI A, Conc, 36 inch	4010170	3.000	Ft
0230	Dr Marker Post	4011109	16.000	Ea
0235	Culv End Sect 12 inch, Grate	4012020	1.000	Ea
0240	_ Culv, Reinf Conc Ellip, HE CI IV, 68 inch by 106 inch	4017001	74.000	Ft
0245	Sewer, CI A, 12 inch, Tr Det B	4020033	179.000	Ft
0250	Sewer, CI E, 12 inch, Tr Det B	4020600	94.000	Ft
0255	Sewer, CI E, 12 inch, Tr Det C	4020630	165.000	Ft
0260	Video Taping Sewer and Culv Pipe	4021275	222.000	Ft
0265	_ Sewer Bulkhead, 106 inch	4027050	2.000	Ea
0270	_ Sewer Pipe Coupling Device	4027050	3.000	Ea
0275	Dr Structure Cover, Adj, Case 1, Modified	4030004	2.000	Ea
0280	Dr Structure Cover, Adj, Case 1	4030005	22.000	Ea
0285	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0290	Dr Structure Cover, Type D	4030025	2.000	Ea
0295	Dr Structure Cover, Type DX	4030030	7.000	Ea
0300	Dr Structure Cover, Type J	4030045	4.000	Ea
0305	Dr Structure Cover, Type K	4030050	3.000	Ea
0310	Dr Structure Cover, Type Q	4030065	1.000	Ea
0315	Dr Structure Cover, Type V	4030085	3.000	Ea
0320	Dr Structure, 48 inch dia	4030210	12.000	Ea
0325	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	17.000	Ft

0330	Dr Structure, Tap, 6 inch	4030306	16.000	Ea
0335	Dr Structure, Tap, 12 inch	4030312	14.000	Ea
0340	Mh Riser	4030505	3.000	Ft
0345	_ Mh, Precast Tee, CI IV, 68 inch by 106 inch, Modified	4037050	1.000	Ea
0350	Underdrain, Pipe, Open-Graded, 6 inch	4040043	7,003.000	Ft
0355	Underdrain, Subbase, 6 inch	4040063	152.000	Ft
0360	Underdrain Outlet, 6 inch	4040093	471.000	Ft
0365	Underdrain, Outlet Ending, 6 inch	4040113	20.000	Ea
0370	Video Inspection of Underdrain	4040200	7,003.000	Ft
0375	_ Underdrain, Rem	4047001	2,370.000	Ft
0380	Cold Milling HMA Surface	5010002	22,659.000	Syd
0385	HMA Surface, Rem	5010005	3,778.000	Syd
0390	HMA Quality Initiative	5010007	4,538.000	Dlr
0395	Pavt Joint and Crack Repr, Det 7	5010020	3,255.000	Ft
0400	Hand Patching	5010025	183.000	Ton
0405	HMA Approach	5010061	29.000	Ton
0410	HMA, 5EML	5012037	2,057.000	Ton
0415	Joint, Contraction, Cp	6020200	4,158.000	Ft
0420	Joint, Expansion, E2	6020207	273.000	Ft
0425	Joint, Expansion, E3	6020208	418.000	Ft
0430	Joint, Plane-of-Weakness, W	6020211	640.000	Ft
0435	Conc Pavt, Nonreinf, 9 inch, High Performance	6020502	4,642.000	Syd
0440	Conc Pavt, Nonreinf, 9 1/2 inch, High Performance	6020503	5,656.000	Syd
0445	Conc Pavt, Nonreinf, 12 inch, High Performance	6020508	104.000	Syd
0450	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	349.000	Syd
0455	Conc Pavt, Misc, Nonreinf, 9 1/2 inch, High Performance	6020515	340.000	Syd
0460	Shld, Nonreinf Conc, High Performance	6020524	4,160.000	Syd
0465	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	1,278.000	Syd
0470	_ Conc Pavt, Nonreinf, 10 inch, Temp	6027011	269.000	Syd
0475	Joint, Contraction, Crg	6030020	17,227.000	Ft
0480	Joint, Expansion, Erg	6030021	60.000	Ft
0485	Lane Tie, Epoxy Anchored	6030030	356.000	Ea
0490	Non-Chloride Accelerator	6030035	9,806.000	Gal
0495	Pavt Repr, Nonreinf Conc, 10 1/2 inch	6030049	4,828.000	Syd
0500	Pavt Repr, Rem	6030080	4,828.000	Syd
0505	Saw Cut, Intermediate	6030090	288.000	Ft
0510	Resealing Trans Joints with Hot-Poured Rubber	6030100	11,884.000	Ft
0515	Resealing Longit Joints with Hot-Poured Rubber	6030101	13,369.000	Ft
0520	Conc, Low Temperature Protection	7060020	75.000	Cyd
0525	_ Utility Work, AT&T, Station 647+15, Max. \$10,000	8007051	1.000	LSUM
0530	_ Utility Work, AT&T, Station 647+65, Max. \$18,750	8007051	1.000	LSUM
0535	_ Utility Work, DTE Gas, Max \$8,750.00	8007051	1.000	LSUM
0540	Driveway, Nonreinf Conc, 8 inch	8010007	379.000	Syd
0545	Curb and Gutter, Conc, Det B1	8020015	928.000	Ft

0550	Curb and Gutter, Conc, Det D3	8020032	201.000	Ft
0555	Curb and Gutter, Conc, Det F5	8020039	707.000	Ft
0560	Driveway Opening, Conc, Det M	8020050	346.000	Ft
0565	Shld Gutter, Conc, Det 1	8020055	1.000	Ea
0570	Shld Gutter, Conc, Det 2	8020056	4.000	Ea
0575	Valley Gutter, Conc	8020060	383.000	Ft
0580	Spillway, Conc	8020075	87.000	Ft
0585	Curb and Gutter, Bridge Approach, Det 5	8022016	17.000	Ft
0590	Curb and Gutter, Bridge Approach, Det 6	8022017	59.000	Ft
0595	_ Valley Gutter, Conc, Modified	8027001	449.000	Ft
0600	Curb Ramp Opening, Conc	8030030	48.000	Ft
0605	Sidewalk, Conc, 4 inch	8030044	381.000	Sft
0610	Sidewalk, Conc, 8 inch	8030048	2,252.000	Sft
0615	Conc Barrier, Single Face, Type A	8040001	67.000	Ft
0620	Conc Barrier, Single Face, Type C	8040003	2,241.000	Ft
0625	_ Conc Barrier, Single Face, Type C, Modified	8047001	231.000	Ft
0630	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0635	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0640	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0645	Guardrail Post, Culv	8070070	10.000	Ea
0650	Guardrail Reflector	8070080	35.000	Ea
0655	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0660	Guardrail Anch, Bridge, Det M3	8070132	1.000	Ea
0665	Guardrail, Long Span, Det MGS-3	8072123	1.000	Ea
0670	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0675	Guardrail, Type MGS-8, 72 inch Post	8072179	760.000	Ft
0680	Guardrail, Type MGS-8, 108 inch Post	8072180	300.000	Ft
0685	_ Hand Digging Guardrail Post	8077050	5.000	Ea
0690	Fence, Chain Link, 48 inch	8080011	132.000	Ft
0695	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0700	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
0705	Delineator Reflector, Green	8100133	8.000	Ea
0710	Fdn, Wood Support, Rem	8100280	5.000	Ea
0715	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea
0720	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	2.000	Ea
0725	Post, Rigid, Delineator	8100361	8.000	Ea
0730	Post, Steel, 3 pound	8100371	244.000	Ft
0735	Post, Wood, 4 inch by 6 inch	8100380	100.000	Ft
0740	Sign, Type II, Erect, Salv	8100396	4.000	Ea
0745	Sign, Type II, Rem	8100397	1.000	Ea
0750	Sign, Type IIB	8100399	16.000	Sft
0755	Sign, Type III, Erect, Salv	8100402	22.000	Ea
0760	Sign, Type II, Rem, Salv	8102002	4.000	Ea
0765	Sign, Type III, Rem, Salv	8102003	22.000	Ea

0770	Ground Mtd Sign Support, Rem	8102010	23.000	Ea
0775	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	110.000	Ft
0780	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	160.000	Ft
0785	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	26.000	Ft
0790	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0795	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0805	Pavt Mrkg, Polyurea, 6 inch, White	8110094	17,147.000	Ft
0810	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	13,190.000	Ft
0815	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,607.000	Ft
0820	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	760.000	Ft
0825	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	440.000	Ft
0830	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,546.000	Ft
0835	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,266.000	Ft
0840	Pavt Mrkg, Waterborne, 12 inch, White	8110237	300.000	Ft
0845	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,546.000	Ft
0850	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,266.000	Ft
0855	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	300.000	Ft
0860	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	9,923.000	Ft
0865	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	440.000	Ft
0870	Rem Curing Compound, for Spec Mrkg	8110321	432.000	Sft
0875	Rem Raised Pavt Marker	8110332	134.000	Ea
0880	Rem Spec Mrkg	8110343	790.000	Sft
0885	Witness, Log, \$1,250.00	8110351	2,500.000	Dlr
0890	Pavt Mrkg, Ovly Cold Plastic, To	8110377	4.000	Ea
0895	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	765.000	Ft
0900	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	375.000	Ft
0905	Recessing Pavt Mrkg, Longit	8110450	7,030.000	Ft
0910	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	3,200.000	Ft
0915	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	3,050.000	Ft
0920	_ Pavt Mrkg, Preformed Thermopl, I-75 Route Shield, 8 foot by 18 foot	8117050	4.000	Ea
0925	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	87.000	Ea
0930	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	87.000	Ea
0935	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0940	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
0945	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
0950	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	3.000	Ea
0955	Conc Barrier Reflector Replacement	8120070	113.000	Ea
0960	Conc Barrier, Temp, Adj	8120080	800.000	Ft
0965	Conc Barrier, Temp, Furn	8120081	1,205.000	Ft

0970	Conc Barrier, Temp, Oper	8120082	1,205.000	Ft
0975	Conc Barrier, Temp, Relocated	8120083	475.000	Ft
0980	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0985	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0990	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0995	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
1000	Ltg for Night Work	8120160	1.000	LSUM
1005	Minor Traf Devices	8120170	1.000	LSUM
1010	Mobile Attenuator	8120180	2.000	Ea
1015	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,710.000	Ft
1020	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	4,602.000	Ft
1025	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	300.000	Ft
1030	Plastic Drum, Fluorescent, Furn	8120252	651.000	Ea
1035	Plastic Drum, Fluorescent, Oper	8120253	651.000	Ea
1040	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
1045	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	5.000	Ea
1050	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	39.000	Ft
1055	PTS, Temp, Furn	8120272	1.000	Ea
1060	PTS, Temp, Oper	8120273	1.000	Ea
1065	Sign Cover	8120310	126.000	Ea
1070	Sign Cover, Type I	8120320	4.000	Ea
1075	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1080	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1085	Sign, Type A, Temp, Prismatic, Furn	8120340	204.000	Sft
1090	Sign, Type A, Temp, Prismatic, Oper	8120341	204.000	Sft
1095	Sign, Type B, Temp, Prismatic, Furn	8120350	4,071.000	Sft
1100	Sign, Type B, Temp, Prismatic, Oper	8120351	4,071.000	Sft
1105	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	104.000	Sft
1110	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	104.000	Sft
1115	Traf Regulator Control	8120370	1.000	LSUM
1120	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	15,119.000	Ft
1125	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	13,878.000	Ft
1130	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	150.000	Ft
1135	Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8122111	9.000	Ea
1140	Reflective Panel for Temp Sign Support, Furn	8122198	2.000	Ea
1145	Reflective Panel for Temp Sign Support, Oper	8122199	2.000	Ea
1150	Riprap, Plain	8130010	422.000	Syd
1155	Site Preparation, Max \$5,300.00	8150001	1.000	LSUM
1160	Watering and Cultivating, First Season, Min \$2,600.00	8150002	1.000	LSUM

1165	Watering and Cultivating, 2nd Season, Min \$3,200.00	8150003	1.000	LSUM
1170	Gymnocladus dioicus, 2 inch	8151676	10.000	Ea
1175	Tilia cordata 'Greenspire', 2 inch	8153862	10.000	Ea
1180	Ulmus 'Morton', 2 inch	8153925	10.000	Ea
1185	_ Turf Establishment, Performance	8167011	20,775.000	Syd
1190	Protect Corners	8210020	4.000	Ea
1195	Freeway Shld Corrugations, Milled, Conc	8222000	4,610.000	Ft
1200	Freeway Shld Corrugations, Milled, HMA	8222001	26,910.000	Ft
1205	Fire Hydrant	8230040	1.000	Ea
1210	Gate Valve and Box, 6 inch	8230051	1.000	Ea
1215	Gate Valve, 12 inch	8230064	2.000	Ea
1220	Gate Well, Rem	8230076	2.000	Ea
1225	Hydrant, Rem	8230091	1.000	Ea
1230	Water Main, DI, 6 inch, Tr Det G	8230151	6.000	Ft
1235	Water Main, DI, 12 inch, Tr Det F	8230165	6.000	Ft
1240	Water Main, DI, 12 inch, Tr Det G	8230166	12.000	Ft
1245	Water Serv	8230240	2.000	Ea
1250	Gate Well, 60 inch dia	8230360	2.000	Ea
1255	Gate Well, Cover	8232000	2.000	Ea
1260	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	430.000	Ft
1265	_ Water Main, HDPE, 12 inch, Tr Det G	8237001	140.000	Ft
1270	Contractor Staking	8240001	1.000	LSUM
1275	Staking Plan Errors and Extras, Max \$180/hour	8240002	172.000	Hr

Section: 2

1280	_ Railroad Inspection and Flagging, Conrail	1027060	70,000.000	Dlr
1285	_ Railroad Protection, Conrail	1027060	80,000.000	Dlr
1290	Culv, Rem, Over 48 inch	2030003	1.000	Ea
1295	Culv, Other than Pipe, Rem	2040015	1.000	Ea
1300	Structures, Rem (S03 of 82271)	2040060	1.000	LSUM
1305	Excavation, Channel	2050015	60.000	Cyd
1310	Flowable Fill, Non-Structural	2050148	37.000	Cyd
1315	_ Channel, Temp	2057051	1.000	LSUM
1320	Backfill, Structure, CIP	2060002	6,324.000	Cyd
1325	Excavation, Fdn	2060010	17,035.000	Cyd
1330	_ Geotextile Reinforcement	2067011	20,050.000	Syd
1335	_ Geosynthetic Reinf Soil Granular Fill	2067021	2,175.000	Cyd
1340	Erosion Control, Turbidity Curtain, Deep	2080042	100.000	Ft
1345	_ Removing Rubbish, (B04 of 82052)	2097051	1.000	LSUM
1350	Geotextile, Separator, Non-Woven	3082000	1,110.000	Syd
1355	Underdrain, Fdn, 4 inch	4040031	432.000	Ft
1360	Underdrain, Fdn, 6 inch	4040033	230.000	Ft
1365	Underdrain Outlet, 4 inch	4040091	2.000	Ft
1370	Underdrain, Outlet Ending, 4 inch	4040111	100.000	Ea
1375	Culv Bedding, Box Culv	4060005	149.000	Cyd

1380	_ Culv, Precast Three-Sided, 32 foot by 9 foot, Modified	4067001	71.000	Ft
1385	Steel Sheet Piling, Permanent	7040001	2,120.000	Sft
1390	Steel Sheet Piling, Temp, Left in Place	7040003	3,100.000	Sft
1395	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	200.000	Sft
1400	_ Steel Sheet Piling, Temp, Spec	7047010	2,265.000	Sft
1405	_ Cofferdam, Left in Place, Spec (C01 of 82052)	7047051	1.000	LSUM
1410	_ Cofferdam, Spec (C01 of 82052)	7047051	1.000	LSUM
1415	Bridge Ltg, Furn and Rem (R01-1 of 82271)	7060001	1.000	LSUM
1420	Bridge Ltg, Furn and Rem (S01 of 82271)	7060001	1.000	LSUM
1425	Bridge Ltg, Furn and Rem (S03 of 82271)	7060001	1.000	LSUM
1430	Bridge Ltg, Oper and Maintain	7060002	386.000	Cyd
1435	Elec Grounding System	7060040	1.000	Ea
1440	Expansion Joint Device	7060050	487.000	Ft
1445	False Decking	7060060	34,596.000	Sft
1450	Reinforcement, Steel, Epoxy Coated	7060092	183,562.000	Lb
1455	Substructure Conc, High Performance	7060101	938.000	Cyd
1460	Superstructure Conc, Form, Finish, and Cure (S03 of 82271)	7060111	1.000	LSUM
1465	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01-1 of 82271)	7060112	1.000	LSUM
1470	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 82271)	7060112	1.000	LSUM
1475	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03 of 82271)	7060112	1.000	LSUM
1480	Superstructure Conc, High Performance	7060116	21.000	Cyd
1485	Superstructure Conc, Night Casting, High Performance	7060117	386.000	Cyd
1490	Sealing Localized Cracks (S03 of 82271)	7060220	1.000	LSUM
1495	Conc, Grade 3500	7062001	30.000	Cyd
1500	Conc, Grade 4500HP	7062004	52.000	Cyd
1505	Aesthetic Texturing	7062005	812.000	Syd
1510	_ Expansive Waterstop	7067001	150.000	Ft
1515	Bearing, Elastomeric, 1 3/4 inch	7070015	1,520.000	Sin
1520	Bearing, Elastomeric, 2 3/4 inch	7070019	1,520.000	Sin
1525	Shear Developers (S03 of 82271)	7070040	1.000	LSUM
1530	Structural Steel, Plate, Erect	7070060	154,985.000	Lb
1535	Structural Steel, Plate, Furn and Fab	7070061	154,985.000	Lb
1540	_ Shear Developer, Rem	7077050	135.000	Ea
1545	_ Shear Developer, Spec	7077050	135.000	Ea
1550	_ Structures, Rehabilitation, Rem Portions (R01-1 of 82271), Modified	7077051	1.000	LSUM
1555	_ Structures, Rehabilitation, Rem Portions (S01 of 82271), Modified	7077051	1.000	LSUM
1560	Joint Waterproofing	7100001	3,860.000	Sft
1565	Conc Surface Coating, Warranty (B04 of 82052)	7100009	1.000	LSUM
1570	Conc Surface Coating, Warranty (R01-1 of 82271)	7100009	1.000	LSUM
1575	Conc Surface Coating, Warranty (R01-2 of 82271)	7100009	1.000	LSUM

1580	Conc Surface Coating, Warranty (S01 of 82271)	7100009	1.000	LSUM
1585	Conc Surface Coating, Warranty (S02 of 82271)	7100009	1.000	LSUM
1590	Conc Surface Coating, Warranty (S03 of 82271)	7100009	1.000	LSUM
1595	_ Silane Treatment	7107010	7,387.000	Sft
1600	Reflective Marker, Permanent Barrier	7110003	19.000	Ea
1605	Bridge Barrier Railing, Type 4, Replacement, High Performance	7112012	138.000	Ft
1610	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, High Performance	7112050	1,031.000	Ft
1615	Hand Chipping, Shallow	7120003	4.000	Syd
1620	Hand Chipping, Deep	7120004	5.000	Syd
1625	Hand Chipping, Other Than Deck	7120007	366.000	Cft
1630	Patch, Forming	7120017	918.000	Sft
1635	Epoxy Ovly, Warranty	7120022	2,932.000	Syd
1640	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	309.000	Ea
1645	Structures, Rehabilitation, Rem Portions (R01-2 of 82271)	7120070	1.000	LSUM
1650	Structures, Rehabilitation, Rem Portions (S02 of 82271)	7120070	1.000	LSUM
1655	Deck Joint, Rem	7120071	385.000	Ft
1660	Flushing Cracks, Water	7120098	96.000	Ft
1665	Structural Crack, Repr	7120099	96.000	Ft
1670	Top Flanges and Beam Ends, Clean and Coat	7120100	68.000	Syd
1675	Patching Conc, C-L	7120112	23.000	Cyd
1680	Embedded Galvanic Anode	7120120	1,407.000	Ea
1685	_ Bridge Joints, Clean and Seal	7127001	200.000	Ft
1690	Beam Plate, Seal Perimeter	7130010	1,388.000	Ft
1695	Cutting Beam Ends, Simple Span	7130020	6.000	Ea
1700	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	8,429.000	Lb
1705	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	163.000	Lb
1710	Support, Column, Temp	7130080	6.000	Ea
1715	Steel Structure, Cleaning, Partial, Type 4 (R01-1 of 82271)	7150047	1.000	LSUM
1720	Steel Structure, Cleaning, Partial, Type 4 (R01-2 of 82271)	7150047	1.000	LSUM
1725	Steel Structure, Cleaning, Partial, Type 4 (S01 of 82271)	7150047	1.000	LSUM
1730	Steel Structure, Cleaning, Partial, Type 4 (S02 of 82271)	7150047	1.000	LSUM
1735	Steel Structure, Coating, Partial, Type 4 (R01-1 of 82271)	7150048	1.000	LSUM
1740	Steel Structure, Coating, Partial, Type 4 (R01-2 of 82271)	7150048	1.000	LSUM
1745	Steel Structure, Coating, Partial, Type 4 (S01 of 82271)	7150048	1.000	LSUM
1750	Steel Structure, Coating, Partial, Type 4 (S02 of 82271)	7150048	1.000	LSUM
1755	_ Clean and Coat Steel Bearing	7157050	45.000	Ea
1760	Field Repr of Damaged Coating (S03 of 82271)	7160001	1.000	LSUM
1765	_ Geotextile Retaining Wall	8007011	22.000	Syd

1770	Fence, Structure	8080110	3,174.000	Sft
1775	Slope Paving Header	8130015	360.000	Ft
1780	Slope Paving, Conc	8130020	440.000	Syd
1785	Structure Survey During Construction (S02 of 82271)	8240020	1.000	LSUM



10/26/2023 8:10 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 016**Letting Date:** December 1, 2023**Contract ID:** 66023-212879**Description:** 0.08 mi of culvert replacement including road reconstruction, ditch grading, signing scour countermeasures and pavement markings on M-28 over Rolston Creek, Ontonagon County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212879A	N/A	N/A	M 66023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$164,200.00	1100001	1.000	LSUM
0010	Stump, Rem, 6 inch to 18 inch	2020008	9.000	Ea
0015	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	356.000	Ft
0025	Exploratory Investigation, Vertical	2040080	15.000	Ft
0030	Excavation, Earth	2050016	1,500.000	Cyd
0035	_ Embankment, CIP, Spec	2057021	700.000	Cyd
0040	Erosion Control, Check Dam, Stone	2080012	120.000	Ft
0045	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0050	Erosion Control, Sediment Trap	2080034	6.000	Ea
0055	Erosion Control, Silt Fence	2080036	1,025.000	Ft
0060	Subbase, CIP	3010002	700.000	Cyd
0065	Aggregate Base, 6 inch	3020016	999.000	Syd
0070	Aggregate Surface Cse	3060005	15.000	Cyd
0075	Maintenance Gravel	3060020	60.000	Ton
0080	Approach, CI II, 4 inch	3070026	43.000	Syd
0085	Shld, CI II, Temp	3070170	50.000	Ton
0090	_ Shld, CI II, 5.5 inch	3077011	138.000	Syd
0095	Culv End Sect, 18 inch	4010018	2.000	Ea
0100	Culv End Sect, Footing	4010072	2.000	Ea
0105	Sewer, CI A, 18 inch, Tr Det A	4020006	30.000	Ft
0110	Video Taping Sewer and Culv Pipe	4021275	30.000	Ft
0115	Dr Structure Cover, Type B	4030010	1.000	Ea
0120	Dr Structure, 48 inch dia	4030210	1.000	Ea
0125	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	5.000	Ft
0130	Video Inspection of Underdrain	4040200	400.000	Ft
0135	HMA Surface, Rem	5010005	965.000	Syd

0140	HMA Quality Initiative	5010007	452.000	Dlr
0145	Longit Joint Density Quality Initiative	5010018	1,440.000	Dlr
0150	HMA Approach	5010061	226.000	Ton
0155	HMA, Temp Pavt (4EML)	5012103	25.000	Ton
0160	HMA, Temp Pavt (5EML)	5012105	19.000	Ton
0165	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,500.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	500.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,500.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	500.000	Ft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0195	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
0200	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0205	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0210	Conc Barrier Ending, Temp, Det 5, Adj	8120060	1.000	Ea
0215	Conc Barrier Ending, Temp, Det 5, Furn	8120061	1.000	Ea
0220	Conc Barrier Ending, Temp, Det 5, Oper	8120062	1.000	Ea
0225	Conc Barrier, Temp, Adj	8120080	300.000	Ft
0230	Conc Barrier, Temp, Furn	8120081	460.000	Ft
0235	Conc Barrier, Temp, Oper	8120082	460.000	Ft
0240	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	5.000	Ea
0245	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,200.000	Ft
0265	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0275	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0280	PTS, Temp, Furn	8120272	2.000	Ea
0285	PTS, Temp, Oper	8120273	2.000	Ea
0290	Sign Cover	8120310	4.000	Ea
0295	Sign, Type A, Temp, Prismatic, Furn	8120340	6.000	Sft
0300	Sign, Type A, Temp, Prismatic, Oper	8120341	6.000	Sft
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0325	Traf Regulator Control	8120370	1.000	LSUM
0330	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	160.000	Ft
0335	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	160.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	3,000.000	Ft
0345	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch,	8122002	2,000.000	Ft

Yellow, Temp

0350	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0355	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0360	Slope Restoration, Non-Freeway, Type A	8162001	1,400.000	Syd
0365	Slope Restoration, Non-Freeway, Type B	8162002	975.000	Syd
0370	Slope Restoration, Non-Freeway, Type C	8162003	315.000	Syd
0375	_ Insulation Board, 2 inch	8237010	3,915.000	Sft
0380	Contractor Staking	8240001	1.000	LSUM
0385	Staking Plan Errors and Extras, Max \$180/hour	8240002	17.000	Hr
0390	Sanitary Sewer, DI, 8 inch, Tr Det A2	8252001	37.000	Ft
0395	Sanitary Sewer, DI, 10 inch, Tr Det B1	8252014	319.000	Ft
0400	Sanitary Structure, 60 inch dia	8252073	2.000	Ea
0405	Sanitary Structure Cover, Type Q	8252098	2.000	Ea
0410	Sanitary Structure, Rem	8252105	1.000	Ea

Section: 2

0415	Structures, Rem	2040060	1.000	LSUM
0420	Excavation, Channel	2050015	280.000	Cyd
0425	Backfill, Structure, CIP	2060002	1,980.000	Cyd
0430	Excavation, Fdn	2060010	3,010.000	Cyd
0435	_ Aggregate, Spec	2067021	23.000	Cyd
0440	Erosion Control, Filter Bag	2080014	4.000	Ea
0445	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0450	Erosion Control, Sand Bag	2080028	250.000	Ea
0455	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0460	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0465	_ Liner, PVC, 30 mil, Spec	2087011	446.000	Syd
0470	Geotextile, Separator, Non-Woven	3082000	867.000	Syd
0475	Outfall Label	4011115	1.000	Ea
0480	Underdrain, Fdn, 6 inch	4040033	358.000	Ft
0485	Underdrain Outlet, 6 inch	4040093	30.000	Ft
0490	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0495	Culv Bedding, Box Culv	4060005	138.000	Cyd
0500	Culv, Precast Conc Box, 12 foot by 11 foot	4060152	91.000	Ft
0505	_ Steel Sheet Piling, Temp, Spec	7047010	368.000	Sft
0510	_ Cofferdam, Left in Place, Spec (C02 of 66023)	7047051	1.000	LSUM
0515	_ Cofferdam, Spec (C02 of 66023)	7047051	1.000	LSUM
0520	Joint Waterproofing	7100001	42.000	Sft
0525	_ Geotextile Retaining Wall	8007011	85.000	Syd
0530	_ Riprap, Inside Culvert, Class II	8137031	113.000	Ton
0535	_ Riprap, Spec, CI II	8137031	490.000	Ton



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 017**Letting Date:** December 1, 2023**Contract ID:** 08012-204337**Description:** Bridge replacement, scour countermeasures and approach work on M-43 over the Coldwater River, Barry County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204337A	24A0062	N/A	BFP 08012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$417,700.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.200	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	11.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Excavation, Earth	2050016	581.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	150.000	Cyd
0040	_ Embankment, CIP, Spec	2057021	652.000	Cyd
0045	Erosion Control, Check Dam, Stone	2080012	82.000	Ft
0050	Erosion Control, Filter Bag	2080014	4.000	Ea
0055	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0065	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0070	Erosion Control, Sand Bag	2080028	40.000	Ea
0075	Erosion Control, Sediment Trap	2080034	8.000	Ea
0080	Erosion Control, Silt Fence	2080036	1,510.000	Ft
0085	Erosion Control, Turbidity Curtain, Shallow	2080044	290.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0095	Subbase, CIP	3010002	236.000	Cyd
0100	Aggregate Base	3020001	224.000	Ton
0105	Approach, CI II	3070021	4.000	Ton
0110	Shld, CI II	3070121	18.000	Ton
0115	Trenching	3070200	4.000	Sta
0120	Culv End Sect, 12 inch	4010012	1.000	Ea
0125	Culv End Sect, Footing	4010072	1.000	Ea
0130	Culv, CI E, 12 inch	4010539	32.000	Ft
0135	Culv, Downspout, 15 inch	4010796	75.000	Ft
0140	Dr Marker Post	4011109	4.000	Ea

0145	Underdrain, Fdn, 6 inch	4040033	478.000	Ft
0150	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0155	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0160	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0165	Video Inspection of Underdrain	4040200	690.000	Ft
0170	Cold Milling HMA Surface	5010002	303.000	Syd
0175	Bump Grinding	5010004	100.000	Syd
0180	HMA Surface, Rem	5010005	733.000	Syd
0185	HMA Quality Initiative	5010007	208.000	Dlr
0190	Longit Joint Density Quality Initiative	5010018	610.000	Dlr
0195	Hand Patching	5010025	9.000	Ton
0200	HMA Approach	5010061	95.000	Ton
0205	Joint, Expansion, E3	6020208	104.000	Ft
0210	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	237.000	Syd
0215	Reinforcement, Steel, Culv and Headwall	7060091	184.000	Lb
0220	Conc, Grade 3500	7062001	4.000	Cyd
0225	Downspout Header, Conc	8020070	4.000	Ea
0230	Curb and Gutter, Bridge Approach, Det 5	8022016	55.000	Ft
0235	Curb and Gutter, Bridge Approach, Det 7A	8022020	257.000	Ft
0240	_ Spillway, Conc, Modified	8027001	21.000	Ft
0245	_ Shld Gutter, Conc, Det 2, Modified	8027050	1.000	Ea
0250	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0255	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0260	Guardrail, Salv	8070075	1,100.000	Ft
0265	Guardrail Reflector	8070080	15.000	Ea
0270	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0275	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0280	Guardrail, Type MGS-8, 72 inch Post	8072179	374.000	Ft
0285	Delineator Reflector, Green	8100133	4.000	Ea
0290	Delineator, Rem	8100349	4.000	Ea
0295	Post, Rigid, Delineator	8100361	4.000	Ea
0300	Post, Steel, 3 pound	8100371	36.000	Ft
0305	Sign, Type III, Rem	8100403	2.000	Ea
0310	Sign, Type IIIB	8100405	11.000	Sft
0315	Ground Mtd Sign Support, Rem	8102010	3.000	Ea
0320	Pavt Mrkg, Waterborne, 6 inch, White	8110233	660.000	Ft
0325	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	415.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	660.000	Ft
0335	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	415.000	Ft
0340	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,075.000	Ft
0345	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea

0360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0365	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0375	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0380	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0385	Sign Cover	8120310	20.000	Ea
0390	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0395	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
0405	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
0410	Riprap, Plain	8130010	30.000	Syd
0415	Site Preparation, Max \$4,400.00	8150001	1.000	LSUM
0420	Watering and Cultivating, First Season, Min \$2,200.00	8150002	1.000	LSUM
0425	Watering and Cultivating, 2nd Season, Min \$2,700.00	8150003	1.000	LSUM
0430	Acer rubrum, 1 1/2 inch	8150146	7.000	Ea
0435	Acer saccharum 'Green Mountain', 1 1/2 inch	8150184	12.000	Ea
0440	Ulmus x 'Homestead', 1 1/2 inch	8153958	7.000	Ea
0445	Slope Restoration, Non-Freeway, Type D	8162004	2,564.000	Syd
0450	Contractor Staking	8240001	1.000	LSUM
0455	Staking Plan Errors and Extras, Max \$180/hour	8240002	40.000	Hr

Section: 2

0460	Structures, Rem (B02 of 08012)	2040060	1.000	LSUM
0465	Backfill, Structure, CIP	2060002	1,007.000	Cyd
0470	Aggregate	2060005	90.000	Cyd
0475	Excavation, Fdn	2060010	4,966.000	Cyd
0480	Underdrain, Fdn, 4 inch	4040031	280.000	Ft
0485	Cofferdams	7040007	1.000	LSUM
0490	Pile Driving Equipment, Furn (B02 of 08012)	7050002	1.000	LSUM
0495	Pile, Steel, Furn and Driven, 14 inch	7050034	3,250.000	Ft
0500	Test Pile, Steel, 14 inch	7050035	4.000	Ea
0505	Pile, Steel, Splice	7050050	46.000	Ea
0510	Bridge Ltg, Furn and Rem (B02 of 08012)	7060001	1.000	LSUM
0515	Bridge Ltg, Oper and Maintain	7060002	300.000	Cyd
0520	Expansion Joint Device	7060050	100.000	Ft
0525	False Decking	7060060	12,061.000	Sft
0530	Reinforcement, Steel, Epoxy Coated	7060092	115,117.000	Lb
0535	Substructure Conc, High Performance	7060101	518.000	Cyd
0540	Superstructure Conc, Form, Finish, and Cure (B02 of 08012)	7060111	1.000	LSUM
0545	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 08012)	7060112	1.000	LSUM
0550	Superstructure Conc, High Performance	7060116	30.000	Cyd
0555	Superstructure Conc, Night Casting, High Performance	7060117	345.000	Cyd
0560	Bearing, Elastomeric, 2 3/4 inch	7070019	3,996.000	Sin

0565	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	3,481.000	Lb
0570	Steel Diaphragm, Prest Conc Beam, Erect	7070054	3,481.000	Lb
0575	_ Complex Conc Erection(B02 of 08012)	7077051	1.000	LSUM
0580	Prest Conc Bulb-Tee Beam, Furn, 72 inch by 49 inch	7080140	977.000	Ft
0585	Prest Conc Bulb-Tee Beam, Erect, 72 inch by 49 inch	7080141	977.000	Ft
0590	Joint Waterproofing	7100001	393.000	Sft
0595	Joint Waterproofing, Expansion	7100003	77.000	Sft
0600	Conc Surface Coating, Warranty (B02 of 08012)	7100009	1.000	LSUM
0605	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	418.000	Ft
0610	Riprap, Plain	8130011	2,337.000	Ton
0615	Structure Survey During Construction (B02 of 08012)	8240020	1.000	LSUM



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 018**Letting Date:** December 1, 2023**Contract ID:** 58151-209363**Description:** 26.76 mi of freeway signing upgrades, overhead sign structures, guardrail and install delineators along I-75 from the Ohio/Michigan state line northerly to city of South Rockwood, Monroe County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209363A	24A0072	N/A	STG 58151

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$233,900.00	1100001	1.000	LSUM
0010	Exploratory Investigation, Vertical	2040080	25.000	Ft
0015	Embankment, CIP	2050010	25.000	Cyd
0020	Excavation, Earth	2050016	20.000	Cyd
0025	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0030	Erosion Control, Silt Fence	2080036	300.000	Ft
0035	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0040	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0045	Guardrail Reflector	8070080	7.000	Ea
0050	Guardrail, Reconst, Type T	8070109	25.000	Ft
0055	Guardrail, Type MGS-8, 72 inch Post	8072179	250.000	Ft
0060	Band, Sign	8100010	4.000	Ea
0065	Bridge Sign Connection, Bolt Replacement	8100020	4.000	Ea
0070	Bridge Sign Connection, Conc, Type A1	8100031	28.000	Ea
0075	Bridge Sign Connection, Steel, Type H	8100067	1.000	Ea
0080	Bridge Sign Connection, Steel, Type I	8100068	1.000	Ea
0085	Bridge Sign Connection, Steel, Type J	8100069	1.000	Ea
0090	Bridge Sign Connection, Type A, Rem	8100080	31.000	Ea
0095	Bridge Sign Connection, Type D, Rem	8100083	2.000	Ea
0100	Bridge Sign Connection, Type E, Rem	8100084	3.000	Ea
0105	Cantilever, Rem	8100090	2.000	Ea
0110	Cantilever, Type E	8100104	2.000	Ea
0115	Column, Breakaway, W8 x 13	8100120	18.000	Ea
0120	Column, Breakaway, W8 x 18	8100121	4.000	Ea
0125	Delineator Reflector, Red	8100131	307.000	Ea
0130	Delineator Reflector, Yellow	8100132	10.000	Ea
0135	Delineator Reflector, Green	8100133	234.000	Ea

0140	Delineator Reflector, White	8100134	1,077.000	Ea
0145	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	107.000	Ea
0150	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	25.000	Ea
0155	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	204.000	Ea
0160	Fdn, Breakaway, W8 x 13	8100160	18.000	Ea
0165	Fdn, Breakaway, W8 x 18	8100161	4.000	Ea
0170	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	53.000	Ft
0175	Fdn, Cantilever, Rem	8100190	1.000	Ea
0180	Fdn, Column Breakaway, Rem	8100220	28.000	Ea
0185	Fdn, Truss Sign Structure Type E, 60 inch dia, Uncased	8100255	36.000	Ft
0190	Fdn, Truss, Rem	8100260	2.000	Ea
0195	Fdn, Wood Support, Rem	8100280	303.000	Ea
0200	Glare Screen Connection, Conc, Perforated Steel Square Tube	8100291	4.000	Ea
0205	Installing MDOT Supplied Sign, Type I	8100300	4.000	Ea
0210	Installing MDOT Supplied Sign, Type III	8100302	36.000	Ea
0215	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	23.000	Ea
0220	Perforated Steel Square Tube Breakaway System	8100330	47.000	Ea
0225	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	81.000	Ea
0230	Delineator, Rem	8100349	651.000	Ea
0235	Post, Flexible, Delineator	8100360	229.000	Ea
0240	Post, Rigid, Delineator	8100361	1,301.000	Ea
0245	Post, Steel, 3 pound	8100371	9,190.000	Ft
0250	Post, Wood, 4 inch by 6 inch	8100380	2,268.000	Ft
0255	Post, Wood, 6 inch by 8 inch	8100382	3,051.000	Ft
0260	Sign, Type I, Rem	8100391	109.000	Ea
0265	Sign, Type IA	8100392	8,313.000	Sft
0270	Sign, Type IB	8100393	1,773.000	Sft
0275	Sign, Type II, Rem	8100397	211.000	Ea
0280	Sign, Type IIA	8100398	2,333.000	Sft
0285	Sign, Type IIB	8100399	969.000	Sft
0290	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0295	Sign, Type III, Rem	8100403	644.000	Ea
0300	Sign, Type IIIA	8100404	1,636.000	Sft
0305	Sign, Type IIIB	8100405	1,519.000	Sft
0310	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0315	Sign, Type V, Rem	8100421	26.000	Ea
0320	Sign, Type VA	8100424	150.000	Sft
0325	Sign, Type VB	8100425	990.000	Sft
0330	Truss, Rem	8100440	1.000	Ea
0335	Truss, Type E, 90 foot	8100492	1.000	Ea

0340	Reflective Panel for Permanent Sign Support, 3 foot	8100613	148.000	Ea
0345	Reflective Panel for Permanent Sign Support, 6 foot	8100616	117.000	Ea
0350	Sign, Type III, Rem, Salv	8102003	9.000	Ea
0355	Ground Mtd Sign Support, Rem	8102010	1,864.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0365	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0370	Conc Barrier Ending, Temp, Det 4, Furn	8120051	1.000	Ea
0375	Conc Barrier Ending, Temp, Det 4, Oper	8120052	1.000	Ea
0380	Conc Barrier, Temp, Furn	8120081	350.000	Ft
0385	Conc Barrier, Temp, Oper	8120082	350.000	Ft
0390	Conc Barrier, Temp, Relocated	8120083	350.000	Ft
0395	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0400	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0405	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0415	Ltg for Night Work	8120160	1.000	LSUM
0420	Minor Traf Devices	8120170	1.000	LSUM
0425	Mobile Attenuator	8120180	4.000	Ea
0430	Pavt Mrkg Cover, Type R, Black	8120200	4,790.000	Ft
0435	Plastic Drum, Fluorescent, Furn	8120252	1,900.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	1,900.000	Ea
0445	Sign Cover	8120310	36.000	Ea
0450	Sign Cover, Type I	8120320	5.000	Ea
0455	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0460	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0465	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
0470	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0475	Sign, Type B, Temp, Prismatic, Furn	8120350	2,761.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	2,761.000	Sft
0485	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0490	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0495	Traf Regulator Control	8120370	1.000	LSUM
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,240.000	Ft
0505	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	400.000	Ft
0510	Speed Radar Trailer, Temp	8122028	2.000	Ea
0515	Slope Restoration, Freeway, Type A	8162013	1,943.000	Syd
0520	Slope Restoration, Freeway, Type B	8162014	416.000	Syd
0525	Contractor Staking	8240001	1.000	LSUM
0530	Staking Plan Errors and Extras, Max \$180/hour	8240002	24.000	Hr



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 019**Letting Date:** December 1, 2023**Contract ID:** 23152-214912

Description: Bridge rehabilitation including concrete substructure repairs and slope paving repair, replacement and repair of expansion joints, temporary supports, steel beam end trimming and bearing replacement, elastomeric bearings, expansion joint gland replacement, substructure horizontal surface sealer, pressure relief joints and approach work on I-96WB over GTW Railroad, Eaton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214912A	N/A	N/A	M 23152

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$82,800.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.750	Acre
0015	Curb and Gutter, Rem	2040020	37.000	Ft
0020	Pavt, Rem	2040050	22.000	Syd
0025	Machine Grading	2050030	3.000	Sta
0030	Erosion Control, Silt Fence	2080036	100.000	Ft
0035	Project Cleanup	2090001	1.000	LSUM
0040	Subbase, CIP	3010002	46.000	Cyd
0045	Aggregate Base, 9 inch	3020022	31.000	Syd
0050	Cold Milling HMA Surface	5010002	3,456.000	Syd
0055	HMA Quality Initiative	5010007	762.000	Dlr
0060	HMA, 4EL	5012024	381.000	Ton
0065	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	22.000	Syd
0070	Curb and Gutter, Bridge Approach, Det 5	8022016	37.000	Ft
0075	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0080	Guardrail, Reconst, Type T	8070109	63.000	Ft
0085	Guardrail, Type T, 84 inch Post	8072175	63.000	Ft
0090	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0095	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	3,251.000	Ft
0100	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 12 inch, White	8112002	593.000	Ft
0105	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, Yellow	8112004	1,110.000	Ft
0110	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	3,251.000	Ft
0115	Pavt Mrkg, Wet Reflective Waterborne, 12 inch, White	8112146	593.000	Ft
0120	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	8112148	1,110.000	Ft
0125	Barricade, Type III, High Intensity, Double Sided,	8120012	9.000	Ea

	Lighted, Furn			
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0135	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0140	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0145	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0150	Conc Barrier, Temp, Adj	8120080	920.000	Ft
0155	Conc Barrier, Temp, Furn	8120081	460.000	Ft
0160	Conc Barrier, Temp, Oper	8120082	460.000	Ft
0165	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0170	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0175	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0185	Minor Traf Devices	8120170	1.000	LSUM
0190	Mobile Attenuator	8120180	1.000	Ea
0195	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	5,420.000	Ft
0200	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	961.000	Ft
0205	Plastic Drum, Fluorescent, Furn	8120252	213.000	Ea
0210	Plastic Drum, Fluorescent, Oper	8120253	213.000	Ea
0215	Sign Cover	8120310	4.000	Ea
0220	Sign Cover, Type I	8120320	2.000	Ea
0225	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0235	Sign, Type A, Temp, Prismatic, Furn	8120340	126.000	Sft
0240	Sign, Type A, Temp, Prismatic, Oper	8120341	126.000	Sft
0245	Sign, Type B, Temp, Prismatic, Furn	8120350	598.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	598.000	Sft
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	5,004.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,417.000	Ft
0265	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	1,059.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	310.000	Ft
0275	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	368.000	Ft
0280	Speed Radar Trailer, Temp	8122028	1.000	Ea
0285	Slope Restoration, Freeway, Type C	8162015	415.000	Syd
0290	Freeway Shld Corrugations, Milled, HMA	8222001	1,875.000	Ft
0295	Contractor Staking	8240001	1.000	LSUM
0300	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr

Section: 2

0305	_ Railroad Inspection and Flagging, Grand Trunk Western Railroad Company	1027060	70,000.000	Dlr
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0310	_ Railroad Protection, Grand Trunk Western Railroad Company	1027060	50,000.000	Dlr
0315	Backfill, Structure, CIP	2060002	14.000	Cyd
0320	Excavation, Fdn	2060010	14.000	Cyd
0325	Geotextile, Separator, Non-Woven	3082000	100.000	Syd
0330	Joint, Pressure Relief	6020213	94.000	Ft
0335	Resealing Trans Joints with Hot-Poured Rubber	6030100	94.000	Ft
0340	Expansion Joint Device	7060050	51.000	Ft
0345	False Decking	7060060	224.000	Sft
0350	Reinforcement, Steel, Epoxy Coated	7060092	1,458.000	Lb
0355	Substructure Conc, High Performance	7060101	2.000	Cyd
0360	Water Repellent Treatment, Penetrating	7060140	5.000	Syd
0365	Sealing Localized Cracks (R01 of 23152)	7060220	1.000	LSUM
0370	Conc, Grade 4500HP	7062004	6.000	Cyd
0375	_ Bearing, Elastomeric, 2 1/8 inch	7077008	288.000	Sin
0380	Substructure Horizontal Surface Sealer (R01 of 23152)	7100030	28.000	Syd
0385	Bridge Barrier Railing, Type 4, Replacement, High Performance	7112012	26.000	Ft
0390	Hand Chipping, Other Than Deck	7120007	5.000	Cft
0395	Patch, Forming	7120017	19.000	Sft
0400	Structures, Rehabilitation, Rem Portions (R01 of 23152)	7120070	1.000	LSUM
0405	Deck Joint, Rem	7120071	54.000	Ft
0410	Bridge Joint, Revise Expansion Device	7120080	1.000	Ea
0415	Reinforcement, Mechanical Splice	7120084	14.000	Ea
0420	Patching Conc, C-L	7120112	1.000	Cyd
0425	Embedded Galvanic Anode	7120120	143.000	Ea
0430	Bridge Joint, Strip Seal Gland Replacement	7122005	39.000	Ft
0435	_ Adhesive Anchoring of Horizontal Bar, 1 1/8 inch	7127050	2.000	Ea
0440	Beam Plate, Seal Perimeter	7130010	25.000	Ft
0445	Cutting Beam Ends, Simple Span	7130020	6.000	Ea
0450	Stiffeners, Furn, Fab, and Erect	7130060	169.000	Lb
0455	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	210.000	Lb
0460	Support, Column, Temp	7130080	2.000	Ea
0465	Support, Suspension, Temp	7130082	1.000	Ea
0470	Slope Paving Header	8130015	30.000	Ft
0475	Slope Paving, Conc	8130020	34.000	Syd



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 020**Letting Date:** December 1, 2023**Contract ID:** 04031-216815

Description: 12.25 mi of hot mix asphalt fine textured milling and resurfacing and pavement markings on US-23 from south of Hubert Road to south of Island Drive, Alcona and Alpena Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216815A	24A0071	N/A	NH 04031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Lake State Railway Company	1027060	5,000.000	Dlr
0010	Mobilization, Max \$382,000.00	1100001	1.000	LSUM
0015	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0025	Approach, CI II	3070021	50.000	Ton
0030	_ Shld, CL II, Modified	3077031	400.000	Ton
0035	HMA Quality Initiative	5010007	55,900.000	Dlr
0040	Longit Joint Density Quality Initiative	5010018	198,969.000	Dlr
0045	HMA Approach	5010061	1,087.000	Ton
0050	Fine Texture Pavt Milling	5010102	316,610.000	Syd
0055	HMA, 5EL	5012036	26,863.000	Ton
0060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0070	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	156.000	Ft
0075	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	195.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	128,000.000	Ft
0085	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	37,500.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	128,000.000	Ft
0095	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	37,500.000	Ft
0100	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0105	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,300.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,300.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM

0135	Mobile Attenuator	8120180	1.000	Ea
0140	Sign Cover	8120310	15.000	Ea
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	1,656.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	1,656.000	Sft
0155	Traf Regulator Control	8120370	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	6,200.000	Ft
0165	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	37,500.000	Ft
0170	_ Automated Flagger Assistance Device	8127050	4.000	Ea
0175	_ Pilot Car	8127051	1.000	LSUM
0180	Monument Box	8210001	2.000	Ea
0185	Monument Box Adj	8210005	25.000	Ea
0190	Monument Preservation	8210010	2.000	Ea
0195	Protect Corners	8210020	25.000	Ea
0200	Centerline Corrugations, Milled, HMA	8220013	52,200.000	Ft
0205	Non-Freeway Shld Corrugations, Milled, HMA	8220025	104,400.000	Ft



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 021**Letting Date:** December 1, 2023**Contract ID:** 25032-204911**Description:** 0.18 mi of hot mix asphalt turn lane extension, slope grading, concrete curb and gutter, signing and pavement markings on the I-75 northbound exit ramp to M-21, Genesee County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204911A	24A0077	N/A	HSIP 25032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$43,800.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0015	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0020	Curb and Gutter, Rem	2040020	359.000	Ft
0025	Pavt, Rem	2040050	326.000	Syd
0030	Embankment, CIP	2050010	17.000	Cyd
0035	Excavation, Earth	2050016	2,635.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,000.000	Cyd
0045	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0055	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0060	Erosion Control, Silt Fence	2080036	325.000	Ft
0065	Subbase, CIP	3010002	495.000	Cyd
0070	Aggregate Base, 6 inch	3020016	857.000	Syd
0075	Sewer Tap, 12 inch	4021204	1.000	Ea
0080	Dr Structure Cover, Type C	4030015	1.000	Ea
0085	Dr Structure, 48 inch dia	4030210	1.000	Ea
0090	Underdrain, Subbase, 6 inch	4040063	366.000	Ft
0095	Video Inspection of Underdrain	4040200	366.000	Ft
0100	_ Underdrain, Rem	4047001	366.000	Ft
0105	HMA Surface, Rem	5010005	248.000	Syd
0110	HMA Quality Initiative	5010007	668.000	Dlr
0115	HMA Approach	5010061	161.000	Ton
0120	HMA Approach, High Stress	5010520	173.000	Ton
0125	Curb and Gutter, Conc, Det D2	8020031	351.000	Ft
0130	Fdn, Wood Support, Rem	8100280	4.000	Ea
0135	Delineator, Rem	8100349	25.000	Ea

0140	Post, Steel, 3 pound	8100371	86.000	Ft
0145	Post, Wood, 4 inch by 6 inch	8100380	28.000	Ft
0150	Post, Wood, 6 inch by 8 inch	8100382	40.000	Ft
0155	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0160	Sign, Type IIB	8100399	9.000	Sft
0165	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0170	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0175	Sign, Type II, Rem, Salv	8102002	3.000	Ea
0180	Sign, Type III, Rem, Salv	8102003	9.000	Ea
0185	Ground Mtd Sign Support, Rem	8102010	8.000	Ea
0190	_ Post, Flexible, Delineator, Replaceable	8107050	25.000	Ea
0195	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	45.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	1.000	Ea
0205	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0215	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0220	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,190.000	Ft
0225	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	803.000	Ft
0230	Rem Spec Mrkg	8110343	188.000	Sft
0235	Recessing Pavt Mrkg, Longit	8110450	1,993.000	Ft
0240	Recessing Pavt Mrkg, Transv	8110451	223.000	Sft
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0255	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0260	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0265	Conc Barrier, Temp, Furn	8120081	300.000	Ft
0270	Conc Barrier, Temp, Oper	8120082	300.000	Ft
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	Mobile Attenuator	8120180	1.000	Ea
0295	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,524.000	Ft
0300	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0305	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0310	Sign Cover	8120310	3.000	Ea
0315	Sign Cover, Type I	8120320	2.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0325	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	943.000	Sft
0335	Sign, Type B, Temp, Prismatic, Oper	8120351	943.000	Sft
0340	Conc Barrier-Mtd Temp Sign System, Furn	8122192	16.000	Ea
0345	Conc Barrier-Mtd Temp Sign System, Oper	8122193	16.000	Ea

0350	Slope Restoration, Non-Freeway, Type A	8162001	1,722.000	Syd
0355	Slope Restoration, Non-Freeway, Type B	8162002	357.000	Syd
0360	Contractor Staking	8240001	1.000	LSUM
0365	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 022**Letting Date:** December 1, 2023**Contract ID:** 28013-217106

Description: 11.70 mi of single course chip and fog seal, hot mix asphalt overlay, signing upgrades and pavement markings on US-31 from south of Dock/Brackett Road northerly to north of Campbell Road in the village of Elk Rapids, Grand Traverse and Antrim Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217106A	24A0063	N/A	NH 28013
217108A	23A0967	N/A	NH 28013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$147,200.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0015	Approach, CI II	3070021	570.000	Ton
0020	Shld, CI II	3070121	1,600.000	Ton
0025	HMA Quality Initiative	5010007	9,150.000	Dlr
0030	Pavt for Butt Joints, Rem	5010008	1,586.000	Syd
0035	Longit Joint Density Quality Initiative	5010018	37,955.000	Dlr
0040	Hand Patching	5010025	2.000	Ton
0045	HMA Approach	5010061	225.000	Ton
0050	HMA, 5EML	5012037	4,350.000	Ton
0055	Seal, Fog	5050015	231,733.000	Syd
0060	Chip Seal, Single, Warranty	5050040	231,733.000	Syd
0065	Post, Steel, 3 pound	8100371	240.000	Ft
0070	Sign, Type III, Rem	8100403	4.000	Ea
0075	Sign, Type IIIA	8100404	108.000	Sft
0080	Sign, Type IIIB	8100405	25.000	Sft
0085	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0090	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0095	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	111.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	4.000	Ea
0105	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0115	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	180.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	125,894.000	Ft
0125	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	57,151.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	125,894.000	Ft

0135	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	57,151.000	Ft
0140	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0145	Recessing Pavt Mrkg, Longit	8110450	35,170.000	Ft
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	600.000	Ea
0155	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	600.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0165	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0175	Mobile Attenuator	8120180	1.000	Ea
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,500.000	Ft
0185	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
0190	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0195	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0200	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	100.000	Ea
0205	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	4,260.000	Ea
0210	Sign Cover	8120310	5.000	Ea
0215	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0245	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0250	_ Automated Flagger Assistance Device	8127050	2.000	Ea
0255	Monument Box	8210001	7.000	Ea
0260	Monument Preservation	8210010	7.000	Ea
0265	Centerline Corrugations, Milled, HMA	8220013	8,471.000	Ft
0270	Non-Freeway Shld Corrugations, Milled, HMA	8220025	16,942.000	Ft



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 023**Letting Date:** December 1, 2023**Contract ID:** 67031-203489

Description: Bridge rehabilitation and replacement including scour countermeasures, epoxy overlay, substructure repairs, beam repairs, removal and replacement and approach work on M-66 over Muskegon River and M-66 over Doc and Tom Creek, Osceola County. This project includes a 5 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203489A	24A0050	N/A	BFP 67031
211436A	24A0051	N/A	BFP 67031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$481,200.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.170	Acre
0015	Guardrail, Rem	2040035	1,023.000	Ft
0020	Excavation, Earth	2050016	370.000	Cyd
0025	_ Embankment, CIP, Spec	2057021	755.000	Cyd
0030	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0035	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0040	Erosion Control, Sand Bag	2080028	50.000	Ea
0045	Erosion Control, Silt Fence	2080036	1,550.000	Ft
0050	Subbase, CIP	3010002	280.000	Cyd
0055	Aggregate Base	3020001	107.000	Ton
0060	Shld, CI II	3070121	63.000	Ton
0065	Cold Milling HMA Surface	5010002	981.000	Syd
0070	Bump Grinding	5010004	100.000	Syd
0075	HMA Surface, Rem	5010005	404.000	Syd
0080	Hand Patching	5010025	9.000	Ton
0085	HMA Approach	5010061	173.000	Ton
0090	Joint, Expansion, E3	6020208	96.000	Ft
0095	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	217.000	Syd
0100	Curb and Gutter, Bridge Approach, Det 5	8022016	46.000	Ft
0105	Curb and Gutter, Bridge Approach, Det 6A	8022019	92.000	Ft
0110	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0115	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0120	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0125	Guardrail Reflector	8070080	21.000	Ea
0130	Guardrail, Reconst, Type B	8070105	38.000	Ft

0135	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0140	Guardrail Anch, Bridge, Det M4	8070133	2.000	Ea
0145	Guardrail, Curved, Type B-CRT	8072154	38.000	Ft
0150	Guardrail, Type MGS-8, 72 inch Post	8072179	685.000	Ft
0155	Delineator Reflector, Green	8100133	12.000	Ea
0160	Delineator, Rem	8100349	8.000	Ea
0165	Post, Rigid, Delineator	8100361	12.000	Ea
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,376.000	Ft
0175	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	170.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,376.000	Ft
0185	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	170.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	35.000	Ea
0205	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	35.000	Ea
0210	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0215	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0220	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0225	Conc Barrier, Temp, Adj	8120080	440.000	Ft
0230	Conc Barrier, Temp, Furn	8120081	440.000	Ft
0235	Conc Barrier, Temp, Oper	8120082	440.000	Ft
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0245	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Ltg for Night Work	8120160	1.000	LSUM
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Mobile Attenuator	8120180	2.000	Ea
0265	Plastic Drum, Fluorescent, Furn	8120252	45.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	45.000	Ea
0275	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	30.000	Ft
0280	PTS, Temp, Furn	8120272	2.000	Ea
0285	PTS, Temp, Oper	8120273	2.000	Ea
0290	Sign Cover	8120310	4.000	Ea
0295	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0300	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	1,579.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	733.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	111.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	111.000	Sft
0325	Traf Regulator Control	8120370	1.000	LSUM
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	880.000	Ft
0335	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	880.000	Ft

0340	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0345	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0350	Reflective Panel for Temp Sign Support, Furn	8122198	12.000	Ea
0355	Reflective Panel for Temp Sign Support, Oper	8122199	12.000	Ea
0360	Riprap, Plain	8130010	16.000	Syd
0365	Slope Restoration, Non-Freeway, Type F	8162006	1,356.000	Syd
0370	Contractor Staking	8240001	1.000	LSUM
0375	Staking Plan Errors and Extras, Max \$180/hour	8240002	52.000	Hr

Section: 2

0380	Structures, Rem (B01 of 67031)	2040060	1.000	LSUM
0385	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0390	Backfill, Structure, CIP	2060002	1,616.000	Cyd
0395	Excavation, Fdn	2060010	3,061.000	Cyd
0400	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0405	Erosion Control, Filter Bag	2080014	8.000	Ea
0410	Erosion Control, Gravel Filter Berm	2080018	280.000	Ft
0415	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0420	Erosion Control, Turbidity Curtain, Shallow	2080044	160.000	Ft
0425	Underdrain, Fdn, 4 inch	4040031	375.000	Ft
0430	Underdrain Outlet, 4 inch	4040091	100.000	Ft
0435	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0440	Steel Sheet Piling, Temp	7040002	600.000	Sft
0445	Cofferdams (B01 of 67031)	7040007	1.000	LSUM
0450	Cofferdams, Left in Place (B01 of 67031)	7040009	1.000	LSUM
0455	_ Dewatering Barrier (B02 of 67031)	7047051	1.000	LSUM
0460	Pile Driving Equipment, Furn (B01 of 67031)	7050002	1.000	LSUM
0465	Pile, Steel, Furn and Driven, 14 inch	7050034	7,480.000	Ft
0470	Test Pile, Steel, 14 inch	7050035	4.000	Ea
0475	Pile, Steel, Splice	7050050	84.000	Ea
0480	Bridge Ltg, Furn and Rem (B01 of 67031)	7060001	1.000	LSUM
0485	Bridge Ltg, Oper and Maintain	7060002	131.000	Cyd
0490	Expansion Joint Device	7060050	97.000	Ft
0495	False Decking	7060060	4,511.000	Sft
0500	Reinforcement, Steel, Epoxy Coated	7060092	82,329.000	Lb
0505	Substructure Conc, High Performance	7060101	627.000	Cyd
0510	Superstructure Conc, Form, Finish, and Cure (B01 of 67031)	7060111	1.000	LSUM
0515	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 67031)	7060112	1.000	LSUM
0520	Superstructure Conc, High Performance	7060116	11.000	Cyd
0525	Superstructure Conc, Night Casting, High Performance (B01 of 67031)	7060117	131.000	Cyd
0530	Sealing Localized Cracks (B01 of 67031)	7060220	1.000	LSUM
0535	Conc, Grade 3500	7062001	525.000	Cyd

0540	Conc, Grade 4500HP	7062004	21.000	Cyd
0545	Bearing, Elastomeric, 2 1/4 inch	7070017	1,953.000	Sin
0550	Bearing, Elastomeric, 3 1/4 inch	7070021	2,340.000	Sin
0555	Structural Steel, Mixed, Erect	7070050	1,336.000	Lb
0560	Structural Steel, Mixed, Furn and Fab	7070051	1,336.000	Lb
0565	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	1,127.000	Lb
0570	Steel Diaphragm, Prest Conc Beam, Erect	7070054	1,127.000	Lb
0575	Prest Conc I Beam, Furn, 28 inch	7080021	474.000	Ft
0580	Prest Conc I Beam, Erect, 28 inch	7080022	474.000	Ft
0585	Joint Waterproofing	7100001	229.000	Sft
0590	Joint Waterproofing, Expansion	7100003	56.000	Sft
0595	Substructure Horizontal Surface Sealer (B02 of 67031)	7100030	25.000	Syd
0600	_ Silane Treatment	7107010	1,610.000	Sft
0605	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
0610	Bridge Barrier Railing, Type 6, High Performance	7110017	111.000	Ft
0615	_ Bridge Railing Tube, Reconst Portions	7117001	63.000	Ft
0620	Hand Chipping, Shallow	7120003	13.000	Syd
0625	Hand Chipping, Deep	7120004	5.000	Syd
0630	Hand Chipping, Other Than Deck	7120007	245.000	Cft
0635	Patch, Forming	7120017	578.000	Sft
0640	Epoxy Ovly, Rem	7120021	874.000	Syd
0645	Epoxy Ovly, Warranty	7120022	874.000	Syd
0650	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	108.000	Ea
0655	Bolt, Adhesive Anchored, 1 inch	7120044	96.000	Ea
0660	Structures, Rehabilitation, Rem Portions (B02 OF 67031)	7120070	1.000	LSUM
0665	Deck Joint, Rem	7120071	143.000	Ft
0670	Reinforcement, Mechanical Splice	7120084	44.000	Ea
0675	Flushing Cracks, Water	7120098	24.000	Ft
0680	Structural Crack, Repr	7120099	24.000	Ft
0685	Patching Conc, C-L	7120112	12.000	Cyd
0690	Embedded Galvanic Anode	7120120	471.000	Ea
0695	_ Bridge Joints, Clean and Seal	7127001	88.000	Ft
0700	Beam Plate, Seal Perimeter	7130010	753.000	Ft
0705	Cutting Beam Ends, Simple Span	7130020	2.000	Ea
0710	Stiffeners, Furn, Fab, and Erect	7130060	2,016.000	Lb
0715	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	4,098.000	Lb
0720	Support, Column, Temp	7130080	36.000	Ea
0725	Steel Structure, Cleaning, Partial, Type 4 (B02 OF 67031)	7150047	1.000	LSUM
0730	Steel Structure, Coating, Partial, Type 4 (B02 OF 67031)	7150048	1.000	LSUM
0735	Field Repr of Damaged Coating (B02 OF 67031)	7160001	1.000	LSUM
0740	Riprap, Plain	8130011	406.000	Ton
0745	_ Riprap, Spec, Class II	8137031	550.000	Ton

0750	_ Riprap, Under Structures, Class II	8137031	150.000	Ton
0755	_ Slope Restoration, Non-Freeway, Type G	8167011	278.000	Syd
0760	Structure Survey During Construction (B01 of 67031)	8240020	1.000	LSUM



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 024**Letting Date:** December 1, 2023**Contract ID:** 11052-209684

Description: Bridge rehabilitation including wingwall removal and replacement, apron repair, permanent steel sheet piling installation, placement of grout backfill and riprap, slope restoration, clearing and guardrail on M-139 over Franz and Norton Drain, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209684A	N/A	N/A	M 11052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$63,800.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Guardrail, Rem	2040035	13.000	Ft
0020	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0025	Embankment, CIP	2050010	89.000	Cyd
0030	Excavation, Earth	2050016	2.000	Cyd
0035	Project Cleanup	2090001	1.000	LSUM
0040	Approach, CI II	3070021	8.000	Ton
0045	Culv End Sect, 12 inch	4010012	2.000	Ea
0050	Culv, CI F, 12 inch	4010607	45.000	Ft
0055	Dr Marker Post	4011109	2.000	Ea
0060	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0065	Guardrail, Salv	8070075	25.000	Ft
0070	Guardrail Reflector	8070080	2.000	Ea
0075	Guardrail, Reconst, Type B	8070105	25.000	Ft
0080	Guardrail, Curved, Temp, Type B-CRT	8072155	13.000	Ft
0085	Delineator, Rem	8100349	2.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Sign Cover	8120310	10.000	Ea
0110	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0115	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	380.000	Sft
0125	Sign, Type B, Temp, Prismatic, Oper	8120351	380.000	Sft

0130	Slope Restoration, Non-Freeway, Type F	8162006	122.000	Syd
0135	Contractor Staking	8240001	1.000	LSUM
0140	Staking Plan Errors and Extras, Max \$180/hour	8240002	7.000	Hr

Section: 2

0145	Clearing	2010001	0.400	Acre
0150	Excavation, Channel	2050015	16.000	Cyd
0155	Backfill, Structure, CIP	2060002	242.000	Cyd
0160	Excavation, Fdn	2060010	202.000	Cyd
0165	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0170	Erosion Control, Filter Bag	2080014	3.000	Ea
0175	Erosion Control, Gravel Filter Berm	2080018	100.000	Ft
0180	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0185	Erosion Control, Sand Bag	2080028	300.000	Ea
0190	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0195	Erosion Control, Silt Fence	2080036	400.000	Ft
0200	Erosion Control, Turbidity Curtain, Deep	2080042	75.000	Ft
0205	Geotextile, Separator, Non-Woven	3082000	65.000	Syd
0210	Underdrain, Fdn, 4 inch	4040031	25.000	Ft
0215	Underdrain Outlet, 4 inch	4040091	10.000	Ft
0220	Underdrain, Outlet Ending, 4 inch	4040111	1.000	Ea
0225	Culv Bedding, Box Culv	4060005	9.000	Cyd
0230	Steel Sheet Piling, Permanent	7040001	2,380.000	Sft
0235	_ Dewatering Barrier	7047051	1.000	LSUM
0240	Reinforcement, Steel, Epoxy Coated	7060092	1,429.000	Lb
0245	Substructure Conc, High Performance	7060101	14.000	Cyd
0250	Shear Developers (C03 of 11052)	7070040	1.000	LSUM
0255	Joint Waterproofing	7100001	32.000	Sft
0260	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	14.000	Ea
0265	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	31.000	Ea
0270	Structures, Rehabilitation, Rem Portions (C03 of 11052)	7120070	1.000	LSUM
0275	Embedded Galvanic Anode	7120120	16.000	Ea
0280	_ Grout Backfill	8007021	34.000	Cyd
0285	Fence, Protective	8080007	300.000	Ft
0290	_ Riprap, Spec, CI II	8137031	103.000	Ton
0295	Site Preparation, Max \$1,700.00	8150001	1.000	LSUM
0300	Watering and Cultivating, First Season, Min \$800.00	8150002	1.000	LSUM
0305	Watering and Cultivating, 2nd Season, Min \$1,000.00	8150003	1.000	LSUM
0310	Abies concolor, 4 foot	8150028	4.000	Ea
0315	Picea glauca 'Densata', 4 foot	8152754	4.000	Ea
0320	Pinus heldreichii, 4 foot	8152814	4.000	Ea
0325	_ Slope Restoration, Non-Freeway, Type G	8167011	750.000	Syd



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 025**Letting Date:** December 1, 2023**Contract ID:** 14051-204804**Description:** 15.09 mi of tree clearing and removal on M-40 from US-12 northerly to the south village limits of Marcellus in the city of Marcellus, Cass County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204804A	24A0078	N/A	HSIP 14051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$31,300.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.000	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	65.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	7.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	273.000	Ea
0030	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0035	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	240.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	240.000	Ea
0045	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0055	Minor Traf Devices	8120170	1.000	LSUM
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0070	Traf Regulator Control	8120370	1.000	LSUM
0075	Slope Restoration, Non-Freeway, Type A	8162001	4,500.000	Syd
0080	Contractor Staking	8240001	1.000	LSUM
0085	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 026**Letting Date:** December 1, 2023**Contract ID:** 19132-212674**Description:** Bridge rehabilitation including substructure patching, concrete curb, gutter and spillway and scour countermeasures on US-127 over Ferdun Creek, Clinton County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212674A	N/A	N/A	M 19032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$61,000.00	1100001	1.000	LSUM
0010	Embankment, CIP	2050010	11.000	Cyd
0015	Embankment, LM	2050011	5.000	Cyd
0020	Excavation, Earth	2050016	12.000	Cyd
0025	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0030	Aggregate Base, 6 inch	3020016	23.000	Syd
0035	HMA Surface, Rem	5010005	10.000	Syd
0040	Curb and Gutter, Conc, Det D2	8020031	47.000	Ft
0045	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0050	_ Spillway, Conc, Modified	8027001	30.000	Ft
0055	Guardrail Reflector	8070080	2.000	Ea
0060	Guardrail, Reconst, Type B	8070105	73.000	Ft
0065	Pavt Mrkg, Waterborne, 6 inch, White	8110233	57.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	57.000	Ft
0075	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0085	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0095	Minor Traf Devices	8120170	1.000	LSUM
0100	Mobile Attenuator	8120180	2.000	Ea
0105	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	57.000	Ft
0110	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0115	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0120	Sign Cover	8120310	4.000	Ea
0125	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0130	Sign, Portable, Changeable Message, NTCIP-	8120333	2.000	Ea

	Compliant, Oper			
0135	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0145	Riprap, Plain	8130010	12.000	Syd

Section: 2

0150	Clearing	2010001	0.200	Acre
0155	Erosion Control, Silt Fence	2080036	415.000	Ft
0160	Erosion Control, Turbidity Curtain, Shallow	2080044	32.000	Ft
0165	_ Articulating Conc Block System, 6 Inch	2087011	600.000	Syd
0170	Reinforcement, Steel, Epoxy Coated	7060092	100.000	Lb
0175	Water Repellent Treatment, Penetrating	7060140	5.000	Syd
0180	Hand Chipping, Other Than Deck	7120007	15.000	Cft
0185	Patch, Forming	7120017	45.000	Sft
0190	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	40.000	Ea
0195	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	40.000	Ea
0200	Patching Conc, C-L	7120112	1.000	Cyd
0205	Embedded Galvanic Anode	7120120	30.000	Ea
0210	_ Riprap, Inside Culvert, Plain	8137031	112.000	Ton
0215	_ Riprap, Spec, CI II	8137031	802.000	Ton
0220	Site Preparation, Max \$1,400.00	8150001	1.000	LSUM
0225	Watering and Cultivating, First Season, Min \$700.00	8150002	1.000	LSUM
0230	Watering and Cultivating, 2nd Season, Min \$800.00	8150003	1.000	LSUM
0235	Acer rubrum, 2 inch	8150149	4.000	Ea
0240	Ulmus x 'Pioneer', 2 inch	8153963	4.000	Ea
0245	Slope Restoration, Freeway, Type C	8162015	1,230.000	Syd
0250	_ Slope Restoration, Non-Phosphorus Fertilizer	8167011	1,230.000	Syd



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 027**Letting Date:** December 1, 2023**Contract ID:** 33043-215047

Description: Bridge rehabilitation on 6 pedestrian structures including steel repair, steel railing repair, concrete sidewalk and substructure repairs, full and zone painting, slope restoration, and approach work on I-69 BR, I-96 BL and M-99 in the cities of Lansing and East Lansing, Ingham County. This project includes a 2 year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215047A	N/A	N/A	M 33043

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$161,400.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	Guardrail, Reconst, Type T	8070109	100.000	Ft
0020	Guardrail, Reconst, Type MGS-8	8072078	200.000	Ft
0025	Fence, Chain Link, 72 inch	8080013	12.000	Ft
0030	Fence, Moving	8080120	48.000	Ft
0035	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	62.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	62.000	Ea
0045	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0050	Pedestrian Type II Channelizer, Temp	8120027	30.000	Ft
0055	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	600.000	Ea
0060	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	600.000	Ea
0065	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0070	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0075	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0080	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0085	Conc Barrier, Temp, Adj	8120080	200.000	Ft
0090	Conc Barrier, Temp, Furn	8120081	200.000	Ft
0095	Conc Barrier, Temp, Oper	8120082	200.000	Ft
0100	Conc Barrier, Temp, Relocated	8120083	200.000	Ft
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	Sign Cover	8120310	10.000	Ea
0125	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea

0130	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0135	Sign, Type B, Temp, Prismatic, Furn	8120350	2,000.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	2,000.000	Sft
0145	TS Face, Bag	8200458	6.000	Ea
0150	TS Face, Bag, Rem	8200459	6.000	Ea
0155	Contractor Staking	8240001	1.000	LSUM
0160	Staking Plan Errors and Extras, Max \$180/hour	8240002	17.000	Hr

Section: 2

0165	Sidewalk, Rem	2040055	13.000	Syd
0170	Backfill, Structure, CIP	2060002	1.000	Cyd
0175	Excavation, Fdn	2060010	1.000	Cyd
0180	Reinforcement, Steel, Epoxy Coated	7060092	1,294.000	Lb
0185	Substructure Conc, High Performance	7060101	13.000	Cyd
0190	Structural Steel, Mixed, Erect	7070050	1,559.000	Lb
0195	Structural Steel, Mixed, Furn and Fab	7070051	1,559.000	Lb
0200	Hand Chipping, Other Than Deck	7120007	77.000	Cft
0205	Patch, Forming	7120017	231.000	Sft
0210	Structures, Rehabilitation, Rem Portions (P05 of 33011)	7120070	1.000	LSUM
0215	Patching Conc, C-L	7120112	6.000	Cyd
0220	Embedded Galvanic Anode	7120120	185.000	Ea
0225	Beam Plate, Seal Perimeter	7130010	42.000	Ft
0230	Stiffeners, Furn, Fab, and Erect	7130060	128.000	Lb
0235	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,594.000	Lb
0240	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	352.000	Lb
0245	Support, Column, Temp	7130080	13.000	Ea
0250	Salv Support, Column, Temp	7132000	4.000	Ea
0255	_ Tread Plate, Replace	7137010	192.000	Sft
0260	_ Structural Steel Crack Repr	7137050	1.000	Ea
0265	Steel Structure, Cleaning, Type 4 (P01 of 33032)	7150045	1.000	LSUM
0270	Steel Structure, Cleaning, Type 4 (P01 of 33042)	7150045	1.000	LSUM
0275	Steel Structure, Cleaning, Type 4 (P01 of 33043)	7150045	1.000	LSUM
0280	Steel Structure, Cleaning, Type 4 (P02 of 33043)	7150045	1.000	LSUM
0285	Steel Structure, Coating, Type 4 (P01 of 33032)	7150046	1.000	LSUM
0290	Steel Structure, Coating, Type 4 (P01 of 33042)	7150046	1.000	LSUM
0295	Steel Structure, Coating, Type 4 (P01 of 33043)	7150046	1.000	LSUM
0300	Steel Structure, Coating, Type 4 (P02 of 33043)	7150046	1.000	LSUM
0305	Steel Structure, Cleaning, Partial, Type 4 (P03 of 33011)	7150047	1.000	LSUM
0310	Steel Structure, Coating, Partial, Type 4 (P03 of 33011)	7150048	1.000	LSUM
0315	Field Repr of Damaged Coating (P01 of 33032)	7160001	1.000	LSUM
0320	Field Repr of Damaged Coating (P01 of 33042)	7160001	1.000	LSUM
0325	Field Repr of Damaged Coating (P01 of 33043)	7160001	1.000	LSUM

0330	Field Repr of Damaged Coating (P02 of 33043)	7160001	1.000	LSUM
0335	Field Repr of Damaged Coating (P03 of 33011)	7160001	1.000	LSUM
0340	Field Repr of Damaged Coating (P05 of 33011)	7160001	1.000	LSUM
0345	Sidewalk, Conc, 4 inch	8030044	116.000	Sft
0350	Fence, Structure	8080110	656.000	Sft
0355	Cable, Equipment Grounding Wire, 1/C#4	8182290	3.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 231201 028

Letting Date: December 1, 2023

Contract ID: 22011-201229

Description: 0.15 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, watermain, storm sewer, sanitary sewer and pavement markings on M-95 from Hamilton Avenue northerly to Woodward Avenue in the cities of Kingsford and Iron Mountain, Dickinson County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201229A	24A0079	N/A	ST 22011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio-Visual Filming	1047051	1.000	LSUM
0010	Mobilization, Max \$224,500.00	1100001	1.000	LSUM
0015	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0025	Dr Structure, Rem	2030011	17.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	970.000	Ft
0035	Sewer, Rem, 24 inch to 48 inch	2030016	230.000	Ft
0040	Curb and Gutter, Rem	2040020	695.000	Ft
0045	Curb, Rem	2040021	119.000	Ft
0050	Pavt, Rem	2040050	4,498.000	Syd
0055	Sidewalk, Rem	2040055	1,421.000	Syd
0060	Exploratory Investigation, Vertical	2040080	100.000	Ft
0065	Embankment, LM	2050011	10.000	Cyd
0070	Excavation, Earth	2050016	4,246.000	Cyd
0075	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0080	Flowable Fill, Non-Structural	2050148	8.000	Cyd
0085	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0095	Erosion Control, Inlet Protection, Sediment Trap	2080024	10.000	Ea
0100	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0105	Erosion Control, Silt Fence	2080036	800.000	Ft
0110	Subbase, CIP	3010002	2,786.000	Cyd
0115	Aggregate Base, 6 inch	3020016	5,962.000	Syd
0120	Aggregate Base, Conditioning	3020050	2,304.000	Syd
0125	Maintenance Gravel	3060020	29.000	Ton
0130	Driveway Maintenance, Commercial	3062000	8.000	Ea

0135	Intersection Maintenance	3062002	3.000	Ea
0140	Approach, CI I	3070001	176.000	Ton
0145	Approach, CI II	3070021	13.000	Ton
0150	Sewer, CI A, 12 inch, Tr Det B	4020033	1,057.000	Ft
0155	Sewer, CI A, 15 inch, Tr Det B	4020034	198.000	Ft
0160	Sewer, CI A, 18 inch, Tr Det B	4020035	609.000	Ft
0165	Sewer Tap, 12 inch	4021204	2.000	Ea
0170	Video Taping Sewer and Culv Pipe	4021275	1,864.000	Ft
0175	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0180	Dr Structure Cover, Type B	4030010	10.000	Ea
0185	Dr Structure Cover, Type D	4030025	3.000	Ea
0190	Dr Structure Cover, Type K	4030050	23.000	Ea
0195	Dr Structure, 24 inch dia	4030200	15.000	Ea
0200	Dr Structure, 48 inch dia	4030210	18.000	Ea
0205	Dr Structure, 72 inch dia	4030230	1.000	Ea
0210	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	17.000	Ft
0215	_ Sewer Trap, 18 inch, Spec	4037050	1.000	Ea
0220	Underdrain, Subbase, 6 inch	4040063	2,360.000	Ft
0225	Underdrain Outlet, 6 inch	4040093	160.000	Ft
0230	Video Inspection of Underdrain	4040200	2,520.000	Ft
0235	Cold Milling HMA Surface	5010002	4,650.000	Syd
0240	HMA Surface, Rem	5010005	6,037.000	Syd
0245	HMA Quality Initiative	5010007	5,624.000	Dlr
0250	Longit Joint Density Quality Initiative	5010018	9,000.000	Dlr
0255	Hand Patching	5010025	13.000	Ton
0260	HMA Approach	5010061	555.000	Ton
0265	HMA, 3EML	5012013	706.000	Ton
0270	HMA, 4EML	5012025	471.000	Ton
0275	HMA, 5EML	5012037	1,067.000	Ton
0280	HMA, Temp Pavt (5EML)	5012105	13.000	Ton
0285	Driveway, Nonreinf Conc, 6 inch	8010005	106.000	Syd
0290	Curb, Conc, Det E2	8020002	95.000	Ft
0295	Curb and Gutter, Conc, Det F4	8020038	1,442.000	Ft
0300	Detectable Warning Surface	8030010	106.000	Ft
0305	Curb Ramp Opening, Conc	8030030	254.000	Ft
0310	Sidewalk, Conc, 4 inch	8030044	8,278.000	Sft
0315	Sidewalk, Conc, 6 inch	8030046	1,339.000	Sft
0320	Curb Ramp, Conc, 4 inch	8032001	1,203.000	Sft
0325	Curb Slp, HMA	8050010	50.000	Ft
0330	Post, Steel, 3 pound	8100371	80.000	Ft
0335	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0340	Reflective Panel for Permanent Sign Support, 6 foot	8100616	3.000	Ea
0345	Sign, Type III, Rem, Salv	8102003	7.000	Ea
0350	Ground Mtd Sign Support, Rem	8102010	4.000	Ea

0355	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	770.000	Ft
0360	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	110.000	Ft
0365	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	151.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, White	8110231	100.000	Ft
0375	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,660.000	Ft
0380	Pavt Mrkg, Waterborne, 6 inch, White	8110233	475.000	Ft
0385	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,996.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,660.000	Ft
0395	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0400	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0405	Recessing Pavt Mrkg, Longit	8110450	2,399.000	Ft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0415	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0420	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0425	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0430	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0435	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0445	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0455	Part Width Intersection Construction	8120190	2.000	Ea
0460	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,000.000	Ft
0465	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0470	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0475	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	100.000	Ft
0480	Sign Cover	8120310	80.000	Ea
0485	Sign, Type A, Temp, Prismatic, Furn	8120340	200.000	Sft
0490	Sign, Type A, Temp, Prismatic, Oper	8120341	200.000	Sft
0495	Sign, Type B, Temp, Prismatic, Furn	8120350	1,640.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	1,640.000	Sft
0505	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	39.000	Sft
0510	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	39.000	Sft
0515	Traf Regulator Control	8120370	1.000	LSUM
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	4,750.000	Ft
0525	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	8,150.000	Ft
0530	Pedestrian Path, Temp	8122250	150.000	Ft
0535	Pedestrian Ramp, Temp	8122251	10.000	Ea
0540	Sodding	8160055	565.000	Syd
0545	Topsoil Surface, Furn, 4 inch	8160062	565.000	Syd
0550	Water, Sodding/Seeding	8160090	19.000	Unit
0555	Monument Box	8210001	1.000	Ea
0560	Monument Preservation	8210010	4.000	Ea

0565	Protect Corners	8210020	6.000	Ea
0570	Fire Hydrant	8230040	3.000	Ea
0575	Gate Valve and Box, 6 inch	8230051	4.000	Ea
0580	Gate Valve and Box, 8 inch	8230052	9.000	Ea
0585	Gate Well, Rem	8230076	12.000	Ea
0590	Hydrant, Rem	8230091	3.000	Ea
0595	Water Main, DI, 6 inch, Tr Det G	8230151	70.000	Ft
0600	Water Main, DI, 8 inch, Tr Det G	8230156	1,100.000	Ft
0605	_ Type K Copper Water Serv, 1 inch	8237001	510.000	Ft
0610	_ Insulation Board, 2 inch	8237010	720.000	Sft
0615	_ Corporation Stop, 1 inch	8237050	9.000	Ea
0620	_ Curb Stop and Box, 1 inch	8237050	9.000	Ea
0625	_ Water Serv Interior Plumbing Connection	8237050	9.000	Ea
0630	Contractor Staking	8240001	1.000	LSUM
0635	Staking Plan Errors and Extras, Max \$180/hour	8240002	25.000	Hr
0640	Sanitary Sewer, PVC, 10 inch, Tr Det B2	8252038	720.000	Ft
0645	Sanitary Structure, 48 inch dia	8252072	8.000	Ea
0650	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	12.000	Ft
0655	Sanitary Structure Cover, Type Q	8252098	8.000	Ea
0660	Sanitary Structure, Rem	8252105	10.000	Ea
0665	Sanitary Sewer, Serv Lead, PVC, 6 inch	8252122	370.000	Ft
0670	_ Sanitary Sewer, PVC, 15 inch, Tr Det B2	8257001	80.000	Ft
0675	_ Sanitary Sewer, PVC, 24 inch, Tr Det B2	8257001	190.000	Ft



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 029**Letting Date:** December 1, 2023**Contract ID:** 38131-209381**Description:** 11.10 mi of freeway signing upgrades, overhead sign structures, guardrail and install delineators along US-127 from Springport Road northerly to Hunton Creek, Jackson and Ingham Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209381A	24A0081	N/A	NHG 38131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$55,200.00	1100001	1.000	LSUM
0010	Band, Sign	8100010	6.000	Ea
0015	Bridge Sign Connection, Conc, Type A1	8100031	10.000	Ea
0020	Bridge Sign Connection, Type A, Rem	8100080	10.000	Ea
0025	Column, Breakaway, W8 x 13	8100120	10.000	Ea
0030	Column, Breakaway, W8 x 18	8100121	12.000	Ea
0035	Delineator Reflector, Green	8100133	49.000	Ea
0040	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	116.000	Ea
0045	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	446.000	Ea
0050	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	79.000	Ea
0055	Fdn, Breakaway, W8 x 13	8100160	10.000	Ea
0060	Fdn, Breakaway, W8 x 18	8100161	12.000	Ea
0065	Fdn, Column Breakaway, Rem	8100220	14.000	Ea
0070	Fdn, Wood Support, Rem	8100280	98.000	Ea
0075	Installing MDOT Supplied Sign, Type III	8100302	17.000	Ea
0080	Perforated Steel Square Tube Breakaway System	8100330	24.000	Ea
0085	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	23.000	Ea
0090	Post Hole Through Conc for Steel Post	8100340	12.000	Ea
0095	Post Hole Through Conc for Wood Post	8100341	10.000	Ea
0100	Delineator, Rem	8100349	398.000	Ea
0105	Post, Rigid, Delineator	8100361	49.000	Ea
0110	Post, Steel, 3 pound	8100371	4,205.000	Ft
0115	Post, Wood, 4 inch by 6 inch	8100380	602.000	Ft
0120	Post, Wood, 6 inch by 8 inch	8100382	1,124.000	Ft
0125	Sign, Type I, Rem	8100391	21.000	Ea
0130	Sign, Type IA	8100392	1,803.000	Sft

0135	Sign, Type IB	8100393	149.000	Sft
0140	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0145	Sign, Type II, Rem	8100397	97.000	Ea
0150	Sign, Type IIA	8100398	761.000	Sft
0155	Sign, Type IIB	8100399	367.000	Sft
0160	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0165	Sign, Type III, Rem	8100403	240.000	Ea
0170	Sign, Type IIIA	8100404	517.000	Sft
0175	Sign, Type IIIB	8100405	592.000	Sft
0180	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0185	Sign, Type V, Rem	8100421	1.000	Ea
0190	Sign, Type VA	8100424	18.000	Sft
0195	Sign, Type VB	8100425	612.000	Sft
0200	Reflective Panel for Permanent Sign Support, 3 foot	8100613	40.000	Ea
0205	Reflective Panel for Permanent Sign Support, 6 foot	8100616	96.000	Ea
0210	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0215	Sign, Type III, Rem, Salv	8102003	13.000	Ea
0220	Ground Mtd Sign Support, Rem	8102010	358.000	Ea
0225	_ Post, Flexible, Delineator, Replaceable	8107050	525.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0235	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0245	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0255	Mobile Attenuator	8120180	1.000	Ea
0260	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0265	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0270	Sign Cover	8120310	10.000	Ea
0275	Sign Cover, Type I	8120320	5.000	Ea
0280	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0285	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0295	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0305	Contractor Staking	8240001	1.000	LSUM
0310	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 030**Letting Date:** December 1, 2023**Contract ID:** 29011-212525

Description: Bridge rehabilitation on 13 structures including replacement of expansion joints, concrete substructure patching, structural steel repairs, trimming of structural steel beam ends, pressure relief joints, temporary supports, partial painting of structural steel and patching of concrete beams, and maintaining traffic on US-10 and US-127, Bay, Gratiot, and Isabella Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212525A	N/A	N/A	M 29011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$550,800.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,440.000	Ft
0015	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,440.000	Ft
0020	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	7,520.000	Ft
0025	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	500.000	Ft
0030	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0035	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	11,160.000	Ft
0040	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 12 inch, White	8112131	1,980.000	Ft
0045	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, Yellow	8112133	4,290.000	Ft
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0055	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0060	Conc Barrier Ending, Temp, Det 2, Adj	8120040	6.000	Ea
0065	Conc Barrier Ending, Temp, Det 2, Furn	8120041	6.000	Ea
0070	Conc Barrier Ending, Temp, Det 2, Oper	8120042	6.000	Ea
0075	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	4.000	Ea
0080	Conc Barrier, Temp, Adj	8120080	2,650.000	Ft
0085	Conc Barrier, Temp, Furn	8120081	1,300.000	Ft
0090	Conc Barrier, Temp, Oper	8120082	1,300.000	Ft
0095	Conc Barrier, Temp, Relocated	8120083	1,450.000	Ft
0100	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0105	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM

0125	Mobile Attenuator	8120180	2.000	Ea
0130	Pavt Mrkg Cover, Type R, Black	8120200	13,840.000	Ft
0135	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0140	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0145	Sign Cover	8120310	24.000	Ea
0150	Sign Cover, Type I	8120320	10.000	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 A, Temp, Prismatic, Furn	8120340	445.000	Sft
0170	Sign, Type A, Temp, Prismatic, Oper	8120341	445.000	Sft
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	3,200.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	3,200.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	310.000	Sft
0190	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	310.000	Sft
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	49,085.000	Ft
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	30,330.000	Ft
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	2,105.000	Ft
0210	Temp Rumble Strips (Orange), Stop Condition	8122186	240.000	Ft
0215	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	200.000	Ft
0220	Reflective Panel for Temp Sign Support, Furn	8122198	4.000	Ea
0225	Reflective Panel for Temp Sign Support, Oper	8122199	4.000	Ea
0230	_ Filling Shld Corrugations with Micro-Surface	8127001	7,700.000	Ft
0235	Freeway Shld Corrugations, Milled, Conc	8222000	4,015.000	Ft
0240	Freeway Shld Corrugations, Milled, HMA	8222001	3,685.000	Ft
0245	Contractor Staking	8240001	1.000	LSUM
0250	Staking Plan Errors and Extras, Max \$180/hour	8240002	58.000	Hr

Section: 2

0255	_ Railroad Inspection and Flagging, Great Lakes Central Railroad	1027060	141,750.000	Dlr
0260	_ Railroad Inspection and Flagging, Huron and Eastern Railway	1027060	121,500.000	Dlr
0265	_ Railroad Inspection and Flagging, Mid-Michigan Railroad	1027060	70,500.000	Dlr
0270	_ Railroad Protection, Great Lakes Central Railroad	1027060	141,750.000	Dlr
0275	_ Railroad Protection, Huron and Eastern Railway	1027060	121,500.000	Dlr
0280	_ Railroad Protection, Mid-Michigan Railroad	1027060	70,500.000	Dlr
0285	Backfill, Structure, CIP	2060002	134.000	Cyd
0290	Excavation, Fdn	2060010	122.000	Cyd
0295	Erosion Control, Silt Fence	2080036	200.000	Ft
0300	Joint, Pressure Relief	6020213	774.000	Ft
0305	Expansion Joint Device	7060050	899.000	Ft

0310	False Decking	7060060	3,705.000	Sft
0315	Reinforcement, Steel, Epoxy Coated	7060092	26,197.000	Lb
0320	Water Repellent Treatment, Penetrating	7060140	655.000	Syd
0325	Sealing Localized Cracks (B01-1 of 37014)	7060220	1.000	LSUM
0330	Sealing Localized Cracks (B01-2 of 37014)	7060220	1.000	LSUM
0335	Sealing Localized Cracks (R01 of 09101)	7060220	1.000	LSUM
0340	Sealing Localized Cracks (R01-1 of 29011)	7060220	1.000	LSUM
0345	Sealing Localized Cracks (R01-1 of 37014)	7060220	1.000	LSUM
0350	Sealing Localized Cracks (R01-2 of 29011)	7060220	1.000	LSUM
0355	Sealing Localized Cracks (R01-2 of 37014)	7060220	1.000	LSUM
0360	Sealing Localized Cracks (R02 of 09101)	7060220	1.000	LSUM
0365	Sealing Localized Cracks (S02 of 37014)	7060220	1.000	LSUM
0370	Conc, Grade 4500HP	7062004	139.000	Cyd
0375	Substructure Horizontal Surface Sealer (B01-1 of 37014)	7100030	16.000	Syd
0380	Substructure Horizontal Surface Sealer (B01-2 of 37014)	7100030	16.000	Syd
0385	Substructure Horizontal Surface Sealer (R01 of 09101)	7100030	69.000	Syd
0390	Substructure Horizontal Surface Sealer (R01-1 of 29011)	7100030	39.000	Syd
0395	Substructure Horizontal Surface Sealer (R01-1 of 37014)	7100030	23.000	Syd
0400	Substructure Horizontal Surface Sealer (R01-2 of 29011)	7100030	47.000	Syd
0405	Substructure Horizontal Surface Sealer (R01-2 of 37014)	7100030	46.000	Syd
0410	Substructure Horizontal Surface Sealer (R02 of 09101)	7100030	39.000	Syd
0415	Substructure Horizontal Surface Sealer (S02 of 37014)	7100030	47.000	Syd
0420	Hand Chipping, Other Than Deck	7120007	1,872.000	Cft
0425	Patch, Forming	7120017	5,945.000	Sft
0430	Structures, Rehabilitation, Rem Portions (S02 of 37014)	7120070	1.000	LSUM
0435	Deck Joint, Rem	7120071	901.000	Ft
0440	Reinforcement, Mechanical Splice	7120084	84.000	Ea
0445	Patching Conc, C-L	7120112	73.000	Cyd
0450	Embedded Galvanic Anode	7120120	3,635.000	Ea
0455	_ Hand Chipping, Spec	7127010	321.000	Sft
0460	Beam Plate, Seal Perimeter	7130010	2,968.000	Ft
0465	Cutting Beam Ends, Simple Span	7130020	69.000	Ea
0470	Rocker, Realign	7130050	9.000	Ea
0475	Stiffeners, Furn, Fab, and Erect	7130060	1,967.000	Lb
0480	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	18,202.000	Lb
0485	Support, Column, Temp	7130080	20.000	Ea
0490	Support, Diaphragm, Temp	7130081	10.000	Ea
0495	Steel Structure, Cleaning, Partial, Type 4 (B01-1 of 37014)	7150047	1.000	LSUM
0500	Steel Structure, Cleaning, Partial, Type 4 (B01-2 of 37014)	7150047	1.000	LSUM

	37014)			
0505	Steel Structure, Cleaning, Partial, Type 4 (R01 of 09101)	7150047	1.000	LSUM
0510	Steel Structure, Cleaning, Partial, Type 4 (R01-1 of 29011)	7150047	1.000	LSUM
0515	Steel Structure, Cleaning, Partial, Type 4 (R01-1 of 37014)	7150047	1.000	LSUM
0520	Steel Structure, Cleaning, Partial, Type 4 (R01-2 of 29011)	7150047	1.000	LSUM
0525	Steel Structure, Cleaning, Partial, Type 4 (R01-2 of 37014)	7150047	1.000	LSUM
0530	Steel Structure, Cleaning, Partial, Type 4 (R02 of 09101)	7150047	1.000	LSUM
0535	Steel Structure, Cleaning, Partial, Type 4 (R02-1 of 29011)	7150047	1.000	LSUM
0540	Steel Structure, Cleaning, Partial, Type 4 (R02-2 of 29011)	7150047	1.000	LSUM
0545	Steel Structure, Cleaning, Partial, Type 4 (S01 of 37014)	7150047	1.000	LSUM
0550	Steel Structure, Cleaning, Partial, Type 4 (S02 of 37014)	7150047	1.000	LSUM
0555	Steel Structure, Coating, Partial, Type 4 (B01-1 of 37014)	7150048	1.000	LSUM
0560	Steel Structure, Coating, Partial, Type 4 (B01-2 of 37014)	7150048	1.000	LSUM
0565	Steel Structure, Coating, Partial, Type 4 (R01 of 09101)	7150048	1.000	LSUM
0570	Steel Structure, Coating, Partial, Type 4 (R01-1 of 29011)	7150048	1.000	LSUM
0575	Steel Structure, Coating, Partial, Type 4 (R01-1 of 37014)	7150048	1.000	LSUM
0580	Steel Structure, Coating, Partial, Type 4 (R01-2 of 29011)	7150048	1.000	LSUM
0585	Steel Structure, Coating, Partial, Type 4 (R01-2 of 37014)	7150048	1.000	LSUM
0590	Steel Structure, Coating, Partial, Type 4 (R02 of 09101)	7150048	1.000	LSUM
0595	Steel Structure, Coating, Partial, Type 4 (R02-1 of 29011)	7150048	1.000	LSUM
0600	Steel Structure, Coating, Partial, Type 4 (R02-2 of 29011)	7150048	1.000	LSUM
0605	Steel Structure, Coating, Partial, Type 4 (S01 of 37014)	7150048	1.000	LSUM
0610	Steel Structure, Coating, Partial, Type 4 (S02 of 37014)	7150048	1.000	LSUM
0615	Field Repr of Damaged Coating (B01-1 of 37014)	7160001	1.000	LSUM
0620	Field Repr of Damaged Coating (B01-2 of 37014)	7160001	1.000	LSUM
0625	Field Repr of Damaged Coating (R01 of 09101)	7160001	1.000	LSUM
0630	Field Repr of Damaged Coating (R01-1 of 09101)	7160001	1.000	LSUM
0635	Field Repr of Damaged Coating (R01-1 of 37014)	7160001	1.000	LSUM
0640	Field Repr of Damaged Coating (R01-2 of 09101)	7160001	1.000	LSUM
0645	Field Repr of Damaged Coating (R01-2 of 37014)	7160001	1.000	LSUM
0650	Field Repr of Damaged Coating (R02 of 09101)	7160001	1.000	LSUM
0655	Field Repr of Damaged Coating (R02-1 of 09101)	7160001	1.000	LSUM

0660	Field Repr of Damaged Coating (R02-2 of 09101)	7160001	1.000	LSUM
0665	Field Repr of Damaged Coating (S01 of 37014)	7160001	1.000	LSUM
0670	Field Repr of Damaged Coating (S02 of 37014)	7160001	1.000	LSUM
0675	Slope Paving, Conc	8130020	269.000	Syd



11/1/2023 9:43 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 031**Letting Date:** December 1, 2023**Contract ID:** 83042-204705**Description:** Installation of solar powered carpool lot lights at the carpool lot on US-131 at M-42, Wexford County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204705A	24A0083	N/A	NH 83042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$6,600.00	1100001	1.000	LSUM
0010	Minor Traf Devices	8120170	1.000	LSUM
0015	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0020	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0025	Sign, Type B, Temp, Prismatic, Furn	8120350	112.000	Sft
0030	Sign, Type B, Temp, Prismatic, Oper	8120351	112.000	Sft
0035	Slope Restoration, Non-Freeway, Type A	8162001	8.000	Syd
0040	Light Std Fdn	8190279	4.000	Ea
0045	_ Solar Lighting System	8197050	4.000	Ea



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 032**Letting Date:** December 1, 2023**Contract ID:** 80023-209467

Description: Installation of delineation, signing and channelization on eleven partial cloverleaf interchanges on I-94 from Exit 6 to Exit 56 in the city of Bridgman, Berrien and Van Buren Counties. 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
209467A	24A0080	N/A	HSIP 80023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$24,600.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	387.000	Syd
0015	Excavation, Earth	2050016	143.000	Cyd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0025	Erosion Control, Silt Fence	2080036	71.000	Ft
0030	Aggregate Base, 6 inch	3020016	771.000	Syd
0035	HMA Surface, Rem	5010005	202.000	Syd
0040	Hand Patching	5010025	50.000	Ton
0045	Divider, Conc, Type I	8022000	6,338.000	Sft
0050	Curb Ramp Opening, Conc	8030030	10.000	Ft
0055	Curb Ramp, Conc, 7 inch	8032003	14.000	Sft
0060	Fence, Protective	8080007	300.000	Ft
0065	Delineator Reflector, Red	8100131	203.000	Ea
0070	Delineator Reflector, Yellow	8100132	203.000	Ea
0075	Delineator Reflector, White	8100134	127.000	Ea
0080	Post, Rigid, Delineator	8100361	330.000	Ea
0085	Post, Steel, 3 pound	8100371	448.000	Ft
0090	Sign, Type II, Erect, Salv	8100396	9.000	Ea
0095	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0100	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
0105	Reflective Panel for Permanent Sign Support, 6 foot	8100616	26.000	Ea
0110	Sign, Type II, Rem, Salv	8102002	9.000	Ea
0115	Sign, Type III, Rem, Salv	8102003	11.000	Ea
0120	Ground Mtd Sign Support, Rem	8102010	23.000	Ea
0125	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	150.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	469.000	Ft
0135	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	11.000	Ea

0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	3.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0155	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,185.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,185.000	Ft
0165	Rem Curing Compound, for Spec Mrkg	8110321	6,338.000	Sft
0170	Rem Spec Mrkg	8110343	1,653.000	Sft
0175	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0180	Recessing Pavt Mrkg, Guide Line	8110453	216.000	Ft
0185	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	216.000	Ft
0190	_ Pavt Mrkg, Waterborne, 12 inch, Yellow, Curb Painting	8117001	763.000	Ft
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	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	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0230	Sign Cover	8120310	10.000	Ea
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	1,215.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,215.000	Sft
0245	Traf Regulator Control	8120370	1.000	LSUM
0250	Slope Restoration, Non-Freeway, Type A	8162001	90.000	Syd
0255	Contractor Staking	8240001	1.000	LSUM
0260	Staking Plan Errors and Extras, Max \$180/hour	8240002	3.000	Hr



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 033**Letting Date:** December 1, 2023**Contract ID:** 81000-208389

Description: 0.23 mi of hot mix asphalt resurfacing, water main, concrete curb, gutter, sidewalk and ramps and pavement markings on Middle Street from Wilkinson Street to M-52 in the village of Chelsea, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208389A	23A0982	N/A	ST 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$76,000.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	8.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	46.000	Ft
0020	Curb and Gutter, Rem	2040020	400.000	Ft
0025	Pavt, Rem	2040050	112.000	Syd
0030	Sidewalk, Rem	2040055	72.000	Syd
0035	_ Station Grading, Special	2057002	12.000	Sta
0040	_ Subgrade Undercutting Type II, Modified	2057021	120.000	Cyd
0045	Erosion Control, Filter Bag	2080014	12.000	Ea
0050	Project Cleanup	2090001	1.000	LSUM
0055	Subbase, CIP	3010002	8.000	Cyd
0060	_ Aggregate Base, 6 inch, Modified	3027011	105.000	Syd
0065	_ Aggregate Base, 10 inch, Modified	3027011	3,870.000	Syd
0070	Maintenance Gravel	3060020	15.000	Ton
0075	Road Grade Biaxial Geogrid	3082002	80.000	Syd
0080	Sewer, CI E, 12 inch, Tr Det B	4020600	55.000	Ft
0085	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0090	Dr Structure, 24 inch dia	4030200	1.000	Ea
0095	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0100	_ Dr Structure, Chimney Reconstruct	4037050	1.000	Ea
0105	_ Dr Structure, Chimney Repair	4037050	1.000	Ea
0110	_ Dr Structure, Double Inlet	4037050	2.000	Ea
0115	_ Utility Structure Cover, Special	4037050	5.000	Ea
0120	HMA Surface, Rem	5010005	3,862.000	Syd
0125	Hand Patching	5010025	8.000	Ton
0130	HMA, 3EL	5012012	699.000	Ton
0135	HMA, 5EML	5012037	466.000	Ton

0140	Driveway, Nonreinf Conc, 6 inch	8010005	92.000	Syd
0145	Driveway, Nonreinf Conc, 8 inch	8010007	13.000	Syd
0150	Curb and Gutter, Conc, Det C4	8020023	400.000	Ft
0155	Detectable Warning Surface	8030010	60.000	Ft
0160	Curb Ramp Opening, Conc	8030030	60.000	Ft
0165	Sidewalk, Conc, 4 inch	8030044	196.000	Sft
0170	Curb Ramp, Conc, 4 inch	8032001	68.000	Sft
0175	Post, Steel, 3 pound	8100371	28.000	Ft
0180	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0185	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0190	Ground Mtd Sign Support, Rem	8102010	3.000	Ea
0195	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	178.000	Ft
0200	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	55.000	Ft
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	468.000	Sft
0235	Sign, Type B, Temp, Prismatic, Oper	8120351	468.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0245	_ Slope Restoration	8167011	460.000	Syd
0250	Monument Box	8210001	5.000	Ea
0255	Hydrant, Rem	8230091	1.000	Ea
0260	Water Main, 4 inch, Cut and Plug	8230130	6.000	Ea
0265	Water Main, 10 inch, Cut and Plug	8230133	2.000	Ea
0270	_ Water Main, C900, 10 inch, Tr Det G, Special	8237001	17.000	Ft
0275	_ Water Main, C900, 12 inch, Tr Det G, Special	8237001	1,209.000	Ft
0280	_ Water Main, C900, 4 inch, Tr Det G, Special	8237001	53.000	Ft
0285	_ Water Main, C900, 6 inch, Tr Det G, Special	8237001	37.000	Ft
0290	_ Water Main, C900, 8 inch, Tr Det G, Special	8237001	47.000	Ft
0295	_ Water Main, Rem	8237001	169.000	Ft
0300	_ Fire Hydrant Assembly	8237050	2.000	Ea
0305	_ Gate Valve and Box, 10 inch, Special	8237050	1.000	Ea
0310	_ Gate Valve and Box, 12 inch, Special	8237050	8.000	Ea
0315	_ Gate Valve and Box, 4 inch, Special	8237050	2.000	Ea
0320	_ Gate Valve and Box, 8 inch, Special	8237050	1.000	Ea
0325	_ Valve Box, Rem	8237050	4.000	Ea
0330	_ Valve, Rem	8237050	1.000	Ea
0335	_ Water Serv, Long, Special	8237050	14.000	Ea
0340	_ Water Serv, Rem	8237050	28.000	Ea
0345	_ Water Serv, Special	8237050	12.000	Ea



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 034**Letting Date:** December 1, 2023**Contract ID:** 61000-205427

Description: 0.24 mi of hot mix asphalt reconstruction, underdrain, concrete curb, gutter, sidewalk and ramps and pavement markings on Hackley Avenue from Manz Street easterly to Elwood Street in the city of Muskegon Heights, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205427A	23A1003	N/A	STUL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$60,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	2,266.000	Ft
0015	Sidewalk, Rem	2040055	348.000	Syd
0020	Excavation, Earth	2050016	3.000	Cyd
0025	Subgrade Undercutting, Type II	2050041	20.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0035	Project Cleanup	2090001	1.000	LSUM
0040	Aggregate Base, 4 inch	3020010	755.000	Syd
0045	Aggregate Base, 10 inch	3020026	6,355.000	Syd
0050	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0055	Dr Structure Cover, Type D	4030025	4.000	Ea
0060	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0065	Underdrain, Pipe, Open-Graded, 6 inch	4040043	2,222.000	Ft
0070	Pavt, Cleaning	5010001	1.000	LSUM
0075	HMA Surface, Rem	5010005	6,355.000	Syd
0080	Pavt for Butt Joints, Rem	5010008	48.000	Syd
0085	HMA, 3EML	5012013	1,049.000	Ton
0090	HMA, 4EML	5012025	699.000	Ton
0095	Driveway, Nonreinf Conc, 6 inch	8010005	167.000	Syd
0100	Curb and Gutter, Conc, Det F4	8020038	2,172.000	Ft
0105	Detectable Warning Surface	8030010	94.000	Ft
0110	Curb Ramp Opening, Conc	8030030	94.000	Ft
0115	Sidewalk, Conc, 4 inch	8030044	1,870.000	Sft
0120	Sidewalk, Conc, 6 inch	8030046	1,170.000	Sft
0125	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,034.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	87.000	Ft
0135	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	275.000	Ft

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0150	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0155	Sign, Type A, Temp, Prismatic, Furn	8120340	445.000	Sft
0160	Sign, Type A, Temp, Prismatic, Oper	8120341	445.000	Sft
0165	Slope Restoration, Non-Freeway, Type A	8162001	755.000	Syd
0170	Gate Box, Adj, Case 1	8230431	1.000	Ea
0175	Contractor Staking	8240001	1.000	LSUM
0180	Staking Plan Errors and Extras, Max \$180/hour	8240002	40.000	Hr



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 035**Letting Date:** December 1, 2023**Contract ID:** 58000-218743

Description: 0.94 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, aggregate shoulders and pavement markings on Smith Road from east of Jackman Road to east of Lewis Avenue, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218743A	23A0804	N/A	STU 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$55,300.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	2,900.000	Ft
0015	Pavt, Rem	2040050	51.000	Syd
0020	Embankment, CIP	2050010	220.000	Cyd
0025	Excavation, Earth	2050016	220.000	Cyd
0030	Maintenance Gravel	3060020	40.000	Ton
0035	Shld, CI II	3070121	150.000	Ton
0040	Trenching	3070200	61.000	Sta
0045	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0050	Cold Milling HMA Surface	5010002	14,266.000	Syd
0055	HMA Surface, Rem	5010005	311.000	Syd
0060	HMA Approach	5010061	134.000	Ton
0065	HMA, 4EL	5012024	470.000	Ton
0070	HMA, 5EML	5012037	1,200.000	Ton
0075	Conc Base Cse, Nonreinf, 7 inch	6020017	320.000	Syd
0080	Curb and Gutter, Conc, Det F6	8020040	2,900.000	Ft
0085	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	30.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,400.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,200.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	12,400.000	Ft
0105	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,200.000	Ft
0110	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0115	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0120	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea

0135	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0145	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0150	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Slope Restoration, Non-Freeway, Type A	8162001	600.000	Syd
0180	_ PTRZ Camera	8207050	2.000	Ea
0185	_ PTRZ Video Detection System	8207050	1.000	Ea



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 036**Letting Date:** December 1, 2023**Contract ID:** 58000-216668

Description: 6.88 mi of hot mix asphalt shoulder paving, trenching, chip sealing, micro-surfacing and pavement markings on Ida West Road from the east city limit of Petersburg to Lewis Avenue, Monroe County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216668A	23A0792	N/A	STU 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Ann Arbor Railroad	1027060	5,000.000	Dlr
0010	_ Railroad Protection, at Grade Crossing, Indiana & Ohio Railway	1027060	5,000.000	Dlr
0015	Mobilization, Max \$144,900.00	1100001	1.000	LSUM
0020	Pavt, Rem	2040050	128.000	Syd
0025	Maintenance Gravel	3060020	51.000	Ton
0030	Trenching	3070200	666.000	Sta
0035	HMA Approach	5010061	21.000	Ton
0040	HMA, 4EL	5012024	6,550.000	Ton
0045	Micro-Surface, Single Cse	5040010	106,900.000	Syd
0050	Seal, Single Chip	5050001	106,900.000	Syd
0055	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	120.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	71,300.000	Ft
0065	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,000.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	71,300.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	20,000.000	Ft
0080	Rem Spec Mrkg	8110343	660.000	Sft
0085	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0090	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
0095	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	125.000	Ea
0105	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	125.000	Ea
0110	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0115	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Sign, Type B, Temp, Prismatic, Furn	8120350	496.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	496.000	Sft

0135	Traf Regulator Control	8120370	1.000	LSUM
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11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 037**Letting Date:** December 1, 2023**Contract ID:** 56000-212247

Description: Bridge preventative maintenance and rehabilitation including epoxy deck overlay, deck patching, hot mix asphalt wearing surface replacement, proposed waterproofing membrane, silane treatment of fascias and concrete railing, bridge cleaning, cleaning and resealing deck joints, bridge debris removal, substructure patching and approach work on 4 3/4 Mile Road and 9 Mile Road over the Pine River, Freeland Road over Bullock Creek and Gordonville Road over the Little Salt River, Midland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212247A	23A0993	N/A	BFPO 56000
212248A	23A0997	N/A	BFP 56000
219128A	23A1028	N/A	BFPO 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$69,400.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	6.000	Sta
0015	Guardrail, Rem	2040035	348.000	Ft
0020	_ Pavt, Rem, Modified	2047011	82.000	Syd
0025	Embankment, CIP	2050010	52.000	Cyd
0030	Excavation, Earth	2050016	40.000	Cyd
0035	Erosion Control, Silt Fence	2080036	600.000	Ft
0040	_ Aggregate Base, Modified	3027031	93.000	Ton
0045	Pavt for Butt Joints, Rem	5010008	292.000	Syd
0050	Hand Patching	5010025	5.000	Ton
0055	HMA Approach	5010061	77.000	Ton
0060	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	74.000	Syd
0065	Lane Tie, Epoxy Anchored	6030030	22.000	Ea
0070	Pavt Repr, Rem	6030080	22.000	Syd
0075	Saw Cut, Intermediate	6030090	98.000	Ft
0080	_ Pavt Repr, Reinf Conc, 12 Inch	6037011	22.000	Syd
0085	Guardrail Anch, Bridge, Det T4	8070025	2.000	Ea
0090	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0095	Guardrail, Type MGS-8, 72 inch Post	8072179	57.000	Ft
0100	_ Guardrail Anch, Bridge, Det T3, Modified	8077050	6.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	34.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	34.000	Ea

0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign Cover	8120310	133.000	Ea
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	2,322.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	2,322.000	Sft
0155	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	103.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	103.000	Sft
0165	Traf Regulator Control	8120370	1.000	LSUM
0170	_ Riprap, Plain, Modified	8137011	32.000	Syd
0175	_ Slope Restoration, Modified	8167011	1,150.000	Syd

Section: 2

0180	_ Debris, Rem (STR 6947)	2047051	1.000	LSUM
0185	Erosion Control, Turbidity Curtain, Deep	2080042	140.000	Ft
0190	Erosion Control, Turbidity Curtain, Shallow	2080044	140.000	Ft
0195	_ Bypass Pumping	2087050	1.000	Ea
0200	HMA Patch, Rem	5010006	22.000	Syd
0205	Reinforcement, Steel, Epoxy Coated	7060092	403.000	Lb
0210	Conc, Grade 4500	7062003	4.000	Cyd
0215	Joint Waterproofing	7100001	103.000	Sft
0220	Membrane, Preformed Waterproofing	7100008	3,960.000	Sft
0225	_ Silane Treatment	7107010	11,716.000	Sft
0230	Hand Chipping, Deep	7120004	97.000	Syd
0235	Hand Chipping, Other Than Deck	7120007	21.000	Cft
0240	Patch, Full Depth	7120010	17.000	Cyd
0245	Patch, Forming	7120017	27.000	Sft
0250	Epoxy Ovly	7120020	1,342.000	Syd
0255	Epoxy Ovly, Rem	7120021	982.000	Syd
0260	Deck Joint, Rem	7120071	32.000	Ft
0265	Patching Conc, C	7120110	2.000	Cyd
0270	Patching Conc, C-L	7120112	14.000	Cyd
0275	Embedded Galvanic Anode	7120120	214.000	Ea
0280	Hand Chipping, Full Depth	7122000	416.000	Cft
0285	_ Bridge Joints, Clean and Seal	7127001	161.000	Ft
0290	_ HMA Ovly, Rem	7127011	215.000	Syd
0295	_ Grout Repair	7127050	2.000	Ea
0300	_ Bridge Cleaning (STR 6931)	7127051	1.000	LSUM
0305	_ Bridge Cleaning (STR 6947)	7127051	1.000	LSUM
0310	_ Bridge Cleaning (STR 6999)	7127051	1.000	LSUM
0315	_ Riprap, Under Structures, Heavy	8137031	272.000	Ton
0320	_ Construction Dam	8267050	1.000	Ea



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 038**Letting Date:** December 1, 2023**Contract ID:** 58000-218795**Description:** 4.61 mi of hot mix asphalt shoulder paving, trenching, aggregate shoulders and pavement markings on Sterns Road from east of Secor Road to US-24, Monroe County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218795A	23A0794	N/A	STU 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Ann Arbor Railroad	1027060	6,000.000	Dlr
0010	Mobilization, Max \$54,100.00	1100001	1.000	LSUM
0015	Pavt, Rem	2040050	58.000	Syd
0020	Maintenance Gravel	3060020	17.000	Ton
0025	Shld, CI II	3070121	600.000	Ton
0030	Trenching	3070200	387.000	Sta
0035	HMA Approach	5010061	23.000	Ton
0040	HMA, 4EL	5012024	2,833.000	Ton
0045	_ Post, Mailbox, Relocate	8077050	40.000	Ea
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	48,800.000	Ft
0055	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	40,200.000	Ft
0060	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0065	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0070	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0075	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	368.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	368.000	Sft
0095	Traf Regulator Control	8120370	1.000	LSUM



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 039**Letting Date:** December 1, 2023**Contract ID:** 58000-218796

Description: 1.47 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter and pavement markings on Stewart Road and Cole Road from west of Park West Road to Macomb Road, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218796A	23A0816	N/A	STUL 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$90,800.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	1,000.000	Ft
0015	Embankment, CIP	2050010	50.000	Cyd
0020	Excavation, Earth	2050016	50.000	Cyd
0025	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0030	Cold Milling HMA Surface	5010002	53,100.000	Syd
0035	HMA Surface, Rem	5010005	115.000	Syd
0040	HMA Approach	5010061	150.000	Ton
0045	HMA, 5EML	5012037	4,800.000	Ton
0050	Conc Base Cse, Nonreinf, 7 inch	6020017	115.000	Syd
0055	Curb and Gutter, Conc, Det F4	8020038	1,000.000	Ft
0060	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	780.000	Ft
0065	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	40.000	Ft
0070	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	150.000	Ft
0075	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	526.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,500.000	Ft
0085	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,800.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,500.000	Ft
0095	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,800.000	Ft
0100	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0105	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	17.000	Ea
0110	Pavt Mrkg, Polyurea, Only	8110410	21.000	Ea
0115	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
0120	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0125	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	3.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0135	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea

0140	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0145	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	650.000	Ft
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	650.000	Ft
0165	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	632.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	632.000	Sft
0185	Traf Regulator Control	8120370	1.000	LSUM
0190	_ Railroad Protection, at Grade Crossing, CSX Transportation	8127060	10,000.000	Dlr
0195	Slope Restoration, Non-Freeway, Type A	8162001	225.000	Syd
0200	_ PTRZ Camera	8207050	5.000	Ea
0205	_ PTRZ Video Detection System	8207050	2.000	Ea



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 040**Letting Date:** December 1, 2023**Contract ID:** 82000-215659

Description: 0.58 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, guardrail, signing and pavement markings on Outer Drive West from Dix-Toledo Road southeasterly to southbound I-75 Exit Ramp in the cities of Melvindale and Lincoln Park, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215659A	23A1027	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Inspection and Flagging, Consolidated Rail Corporation	1027060	10,000.000	Dlr
0010	_ Railroad Protection, Conrail	1027060	10,000.000	Dlr
0015	Mobilization, Max \$138,700.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	262.000	Ft
0025	Guardrail, Rem	2040035	240.000	Ft
0030	Pavt, Rem	2040050	8.000	Syd
0035	Sidewalk, Rem	2040055	121.000	Syd
0040	_ Pavt Repr, Remove, Patching	2047011	2,618.000	Syd
0045	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0050	Excavation, Earth	2050016	170.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0065	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0070	Project Cleanup	2090001	1.000	LSUM
0075	_ Aggregate Base, 8 inch, Modified	3027011	362.000	Syd
0080	Dr Structure Lead, Cleaning, 12 inch	4030112	50.000	Ft
0085	Dr Structure Lead, Cleaning, 15 inch	4030115	50.000	Ft
0090	Dr Structure, Cleaning	4030290	49.000	Ea
0095	Dr Structure, Temp Lowering	4030390	13.000	Ea
0100	_ Dr Structure Reconstruct	4037001	20.000	Ft
0105	_ Dr Structure Cover, Adj	4037050	38.000	Ea
0110	Cold Milling HMA Surface	5010002	26,162.000	Syd
0115	HMA Surface, Rem	5010005	7.000	Syd
0120	_ Bit Mixture for Patching, Temp	5017031	20.000	Ton
0125	_ Conditioning Existing Pavement	5017031	548.000	Ton

0130	_ Misc HMA Approach	5017031	6.000	Ton
0135	_ Misc HMA, 4EMH	5017031	2,770.000	Ton
0140	_ Misc HMA, 5EMH	5017031	2,160.000	Ton
0145	_ Misc HMA, Wedge	5017031	20.000	Ton
0150	_ Cold Weather Protection, Conc Pavt	6027011	306.000	Syd
0155	_ Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	330.000	Syd
0160	Lane Tie, Epoxy Anchored	6030030	450.000	Ea
0165	_ Pavt Repr, Nonreinf Conc, Patching	6037011	2,618.000	Syd
0170	_ Conc Curb Cap	8027001	650.000	Ft
0175	_ Conc Curb Cap, Patching	8027001	108.000	Ft
0180	Detectable Warning Surface	8030010	35.000	Ft
0185	Curb Ramp Opening, Conc	8030030	73.000	Ft
0190	Sidewalk, Conc, 4 inch	8030044	768.000	Sft
0195	Curb Ramp, Conc, 6 inch	8032002	322.000	Sft
0200	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0205	_ Field Office	8097043	4.000	Mo
0210	_ Sign, Type B, Perm	8107010	673.000	Sft
0215	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	208.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	98.000	Ft
0225	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0230	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,566.000	Ft
0235	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	156.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0250	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0255	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0265	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	900.000	Ft
0275	Plastic Drum, Fluorescent, Furn	8120252	340.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	340.000	Ea
0285	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	900.000	Ft
0290	Sign Cover	8120310	8.000	Ea
0295	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0300	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	954.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	954.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0325	Traf Regulator Control	8120370	1.000	LSUM
0330	Topsoil Surface, Furn, 4 inch	8160062	116.000	Syd
0335	Water, Sodding/Seeding	8160090	12.000	Unit

0340	_ Seeding, Mixture THM, Modified	8167011	116.000	Syd
0345	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr
0350	_ Contractor Staking, Modified	8247051	1.000	LSUM



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 041**Letting Date:** December 1, 2023**Contract ID:** 11011-211143

Description: 3.00 mi of hot mix asphalt shared-use path including concrete curb, gutter sidewalk and ramp, signing and pavement markings on US-12 from Wunderlich Avenue to Smith Street and from Grand Beach Road to Wunderlich Avenue in the city of New Buffalo, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211143A	23A0438	N/A	TAL 11011
214041A	23A0439	N/A	TAL 11011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, Amtrak	1027060	210,000.000	Dlr
0010	Mobilization, Max \$284,000.00	1100001	1.000	LSUM
0015	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	26.000	Ea
0025	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Conc Barrier, Rem	2040010	56.000	Ft
0035	Curb and Gutter, Rem	2040020	358.000	Ft
0040	Guardrail, Rem	2040035	400.000	Ft
0045	Sidewalk, Rem	2040055	674.000	Syd
0050	Exploratory Investigation, Vertical	2040080	100.000	Ft
0055	_ Landscape, Rem	2047011	410.000	Syd
0060	_ Pave, Rem, Modified	2047011	484.000	Syd
0065	_ Bollard	2047050	2.000	Ea
0070	_ Bollard, Rem	2047050	6.000	Ea
0075	Excavation, Earth	2050016	3,446.000	Cyd
0080	_ Site Grading	2057011	825.000	Syd
0085	Backfill, Structure, CIP	2060002	500.000	Cyd
0090	Aggregate , 6A	2060005	3,169.000	Cyd
0095	Erosion Control, Silt Fence	2080036	9,884.000	Ft
0100	Subbase, CIP	3010002	632.000	Cyd
0105	Aggregate Base, 6 inch	3020016	1,840.000	Syd
0110	Aggregate Base, 8 inch	3020020	16,800.000	Syd
0115	Shld, CI II, 6 inch	3070128	26.000	Syd
0120	Geotextile, Separator	3080005	19,922.000	Syd
0125	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0130	Dr Structure Cover, Adj, Case 2	4030006	9.000	Ea

0135	Dr Structure Cover, Type Q	4030065	2.000	Ea
0140	Underdrain, Fdn, 4 inch	4040031	308.000	Ft
0145	HMA Surface, Rem	5010005	1,984.000	Syd
0150	Hand Patching	5010025	41.000	Ton
0155	HMA Approach	5010061	280.000	Ton
0160	HMA, 3EML	5012013	40.000	Ton
0165	HMA, 4EML	5012025	26.000	Ton
0170	HMA, 5EML	5012037	20.000	Ton
0175	Pile, Treated Timber, Furn	7050010	640.000	Ft
0180	Pile, Treated Timber, Driven	7050011	640.000	Ft
0185	Reinforcement, Steel, Epoxy Coated	7060092	15,161.000	Lb
0190	Conc, Grade 4500	7062003	193.000	Cyd
0195	_ Timber Railing	7097001	498.000	Ft
0200	_ Timber, Structure, Boardwalk	7097010	1,130.000	Sft
0205	Bolt, Adhesive Anchored, 5/8 inch	7120041	138.000	Ea
0210	Driveway, Nonreinf Conc, 6 inch	8010005	625.000	Syd
0215	Curb and Gutter, Conc, Det B2	8020016	183.000	Ft
0220	Curb and Gutter, Conc, Det C4	8020023	62.000	Ft
0225	_ Parking Bumper, Conc, 8 inch	8027050	19.000	Ea
0230	Curb Ramp Opening, Conc	8030030	98.000	Ft
0235	Sidewalk, Conc, 6 inch	8030046	4,455.000	Sft
0240	Curb Ramp, Conc, 6 inch	8032002	4,080.000	Sft
0245	_ Detectable Warning Surface, Cast Iron, Spec	8037001	248.000	Ft
0250	Shared use Path, Conc	8060020	1,469.000	Syd
0255	Shared use Path, Grading	8060030	13,481.000	Ft
0260	Shared use Path, HMA	8060040	2,842.000	Ton
0265	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0270	Guardrail Reflector	8070080	7.000	Ea
0275	Guardrail, Type MGS-8, 72 inch Post	8072179	338.000	Ft
0280	_ Fence, Chain Link, 48 inch, Modified	8087001	74.000	Ft
0285	_ Security Fence, 96 inch	8087001	9,146.000	Ft
0290	Post, Steel, 3 pound	8100371	1,430.000	Ft
0295	Post, Wood, 4 inch by 6 inch	8100380	110.000	Ft
0300	Sign, Type II, Erect, Salv	8100396	4.000	Ea
0305	Sign, Type II, Rem	8100397	2.000	Ea
0310	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0315	Sign, Type IIIA	8100404	124.000	Sft
0320	Sign, Type IIIB	8100405	130.000	Sft
0325	Sign, Type II, Rem, Salv	8102002	4.000	Ea
0330	Sign, Type III, Rem, Salv	8102003	11.000	Ea
0335	_ Sign, Trail Map Kiosk	8107050	1.000	Ea
0340	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,057.000	Ft
0345	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	177.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0355	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea

0360	Pavt Mrkg, Ovly Cold Plastic, Sharrow Sym	8110079	14.000	Ea
0365	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,536.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	197.000	Ft
0375	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	142.000	Ft
0380	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	632.000	Ft
0385	Rem Spec Mrkg	8110343	145.000	Sft
0390	_ Pavt Mrkg, Waterborne, Accessible Sym	8117050	2.000	Ea
0395	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0405	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	540.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	540.000	Ea
0415	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0425	Minor Traf Devices	8120170	1.000	LSUM
0430	Sign Cover	8120310	55.000	Ea
0435	Sign, Type B, Temp, Prismatic, Furn	8120350	490.000	Sft
0440	Sign, Type B, Temp, Prismatic, Oper	8120351	490.000	Sft
0445	Traf Regulator Control	8120370	1.000	LSUM
0450	Site Preparation, Max \$10,617.00	8150001	1.000	LSUM
0455	Watering and Cultivating, First Season, Min \$5,157.00	8150002	1.000	LSUM
0460	Watering and Cultivating, 2nd Season, Min \$6,370.00	8150003	1.000	LSUM
0465	Echinacea purpurea 'Magnus', #1 cont.	8151277	20.000	Ea
0470	Panicum virgatum 'Shenandoah', #1 cont.	8152582	12.000	Ea
0475	Rudbeckia fuldiga 'Goldsturm', #1 cont.	8153279	93.000	Ea
0480	Schizachyrium scoparium 'The Blues', #1 cont.	8153406	46.000	Ea
0485	Sporobolus heterolepis 'Tara', #1 cont.	8153639	27.000	Ea
0490	_ Aluminum Edging, Commercial Grade	8157001	234.000	Ft
0495	_ Hardwood Mulch, 3 inch	8157011	168.000	Syd
0500	_ Rain Garden, Preparation and Establishment	8157011	131.000	Syd
0505	_ Washed River Stone, 3 inch	8157011	28.000	Syd
0510	_ Acer rubrum 'Armstrong', 2 inch	8157050	2.000	Ea
0515	_ Allum x Summer Beauty, #1 cont.	8157050	27.000	Ea
0520	_ Bench	8157050	1.000	Ea
0525	_ Bike Rack	8157050	1.000	Ea
0530	_ Bike Repair Station	8157050	1.000	Ea
0535	_ Calamagrostis x acutiflora Karl Foerster, #2 cont.	8157050	18.000	Ea
0540	_ Cornus Sericea 'Farrow', #3 cont.	8157050	6.000	Ea
0545	_ Cornus Sericea 'SMNCSBD', #3 cont.	8157050	9.000	Ea
0550	_ Hakonechloa macra Albo-striata, #1 cont.	8157050	28.000	Ea
0555	_ Picnic Table	8157050	1.000	Ea
0560	_ Recycle and Trash Receptacle, Complete	8157050	1.000	Ea
0565	_ Slope Restoration, Type B, Modified	8167011	26,329.000	Syd

0570	_ Hydrant, Rem, Modified	8207050	3.000	Ea
0575	Gate Valve and Box, 6 inch	8230051	2.000	Ea
0580	Hydrant, Relocate, Case 2	8230096	3.000	Ea
0585	Water Main, DI, 6 inch, Tr Det F	8230150	17.000	Ft
0590	Water Shutoff, Adj, Case 1	8230421	8.000	Ea
0595	Gate Box, Adj, Case 1	8230431	1.000	Ea
0600	_ Hydrant Assembly, Modified	8237050	3.000	Ea
0605	_ Force Main, HDPE DR 9, 12 inch, HDD	8257001	519.000	Ft
0610	_ Force Main, HDPE DR 9, 12 inch, Tr Det G	8257001	22.000	Ft
0615	_ Force Main Air Release Manhole	8257050	1.000	Ea
0620	_ Force Main Cleanout Manhole	8257050	1.000	Ea
0625	_ Force Main Line Stop, 10 inch	8257050	1.000	Ea
0630	_ Bypass Pumping, Sanitary Sewer	8257051	1.000	LSUM



11/1/2023 3:07 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 042**Letting Date:** December 1, 2023**Contract ID:** 41063-212533**Description:** Scour Protection including drainage improvements, install concrete apron and steel sheet piling on I-96EB over Schuman Creek and on M-11 over Little Plaster Creek, Kent County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212533A	N/A	N/A	M 41063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$52,600.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.700	Acre
0015	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0020	Curb and Gutter, Rem	2040020	210.000	Ft
0025	Fence, Rem	2040025	117.000	Ft
0030	Pavt, Rem	2040050	24.000	Syd
0035	Embankment, CIP	2050010	61.000	Cyd
0040	Excavation, Earth	2050016	274.000	Cyd
0045	Backfill, Structure, CIP	2060002	316.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0055	Subbase, CIP	3010002	10.000	Cyd
0060	Open-Graded Dr Cse, CIP	3030030	26.000	Cyd
0065	Culv, CI A, Conc, 12 inch	4010165	16.000	Ft
0070	Culv, Outlet Headwall, 12 inch	4012000	1.000	Ea
0075	Sewer, CI A, 12 inch, Tr Det B	4020033	18.000	Ft
0080	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0085	Dr Structure Cover, Type K	4030050	3.000	Ea
0090	Dr Structure, 24 inch dia	4030200	1.000	Ea
0095	Dr Structure, 48 inch dia	4030210	1.000	Ea
0100	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0105	Underdrain, Bank, 6 inch	4040003	50.000	Ft
0110	Underdrain, Subbase, 6 inch	4040063	24.000	Ft
0115	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0120	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0125	Shld, Nonreinf Conc	6020222	18.000	Syd
0130	Lane Tie, Epoxy Anchored	6030030	117.000	Ea
0135	Curb and Gutter, Conc, Det D1	8020030	103.000	Ft
0140	Shld Gutter, Conc, Det 1	8020055	7.000	Ea

0145	Spillway, Conc	8020075	18.000	Ft
0150	_ Curb and Gutter, Conc, Det F5, Mod	8027001	218.000	Ft
0155	Guardrail, Reconst, Type T	8070109	200.000	Ft
0160	Fence, Woven Wire with Steel Post	8080002	117.000	Ft
0165	Delineator Reflector, Green	8100133	1.000	Ea
0170	Post, Rigid, Delineator	8100361	1.000	Ea
0175	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0185	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0205	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Mobile Attenuator	8120180	1.000	Ea
0220	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0230	Sign Cover	8120310	40.000	Ea
0235	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0245	Sign, Type B, Temp, Prismatic, Furn	8120350	1,150.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,150.000	Sft
0255	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	120.000	Sft
0260	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	120.000	Sft
0265	Riprap, Plain	8130010	7.000	Syd
0270	Mulch	8160025	2,980.000	Syd
0275	Seeding, Mixture TUF	8160042	137.000	Lb
0280	Slope Restoration, Non-Freeway, Type C	8162003	484.000	Syd
0285	Slope Restoration, Freeway, Type B	8162014	289.000	Syd
0290	Slope Restoration, Freeway, Type C	8162015	495.000	Syd

Section: 2

0295	Excavation, Channel	2050015	9.000	Cyd
0300	Aggregate	2060005	10.000	Cyd
0305	Excavation, Fdn	2060010	20.000	Cyd
0310	Erosion Control, Silt Fence	2080036	470.000	Ft
0315	Erosion Control, Turbidity Curtain, Deep	2080042	25.000	Ft
0320	Erosion Control, Turbidity Curtain, Shallow	2080044	20.000	Ft
0325	_ Bypass Pumping	4017051	1.000	LSUM
0330	_ Grout Filled Bags	7027021	1.000	Cyd
0335	Steel Sheet Piling, Permanent	7040001	1,900.000	Sft
0340	Reinforcement, Steel, Epoxy Coated	7060092	3,033.000	Lb
0345	Conc, Grade 3500	7062001	20.000	Cyd

0350	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	24.000	Ea
0355	Riprap, Plain	8130011	205.000	Ton
0360	_ Riprap, Spec, CI II	8137031	280.000	Ton
0365	_ Riprap, Spec, CI III	8137031	942.000	Ton
0370	_ Riprap, Under Structures, CI II	8137031	3.000	Ton
0375	_ Live Staking	8157011	204.000	Syd



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 043**Letting Date:** December 1, 2023**Contract ID:** 15031-217457

Description: 11.81 mi of overband crack fill, single course chip seal, fog seal, hot mix asphalt shoulder repairs, delineators and pavement markings on M-66 from north of Jordan Ridge northerly to south of Stover Road in the cities of Charlevoix and East Jordan, Charlevoix County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217457A	24A0088	N/A	NH 15031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$128,900.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0015	Shld, CI II	3070121	1,050.000	Ton
0020	HMA Surface, Rem	5010005	2,825.000	Syd
0025	HMA Quality Initiative	5010007	1,400.000	Dlr
0030	Hand Patching	5010025	700.000	Ton
0035	Overband Crack Fill, Lane	5020003	23.630	Lnmi
0040	_ Asphalt Repr Mastic	5027001	2,725.000	Ft
0045	Seal, Fog	5050015	230,200.000	Syd
0050	Chip Seal, Single, Warranty	5050040	230,200.000	Syd
0055	Delineator Reflector, Green	8100133	15.000	Ea
0060	Delineator Reflector, White	8100134	170.000	Ea
0065	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	720.000	Ea
0070	Delineator, Rem	8100349	325.000	Ea
0075	Post, Rigid, Delineator	8100361	100.000	Ea
0080	_ Post, Flexible, Delineator, Replaceable	8107050	360.000	Ea
0085	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	140.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	124,000.000	Ft
0095	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	66,000.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	124,000.000	Ft
0105	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	66,000.000	Ft
0110	Rem Spec Mrkg	8110343	140.000	Sft
0115	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0120	Recessing Pavt Mrkg, Transv	8110451	140.000	Sft
0125	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,350.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,350.000	Ea

0135	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Mobile Attenuator	8120180	1.000	Ea
0155	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	5,000.000	Ea
0160	Sign Cover	8120310	20.000	Ea
0165	Sign, Portable, Changeable Message, NTCIP- Compliant, Furn	8120332	2.000	Ea
0170	Sign, Portable, Changeable Message, NTCIP- Compliant, Oper	8120333	2.000	Ea
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	3,500.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	3,500.000	Sft
0185	Traf Regulator Control	8120370	1.000	LSUM
0190	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0195	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 044**Letting Date:** December 1, 2023**Contract ID:** 57023-213461

Description: 8.11 mi of hot mix asphalt cold milling and resurfacing, guardrail and pavement markings on M-55 from the city limits of Cadillac easterly to M-66, Wexford and Missaukee Counties. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213461A	N/A	N/A	M 57023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$253,200.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	522.000	Syd
0015	Approach, CI I	3070001	23.000	Ton
0020	Approach, CI II	3070021	137.000	Ton
0025	Shld, CI II	3070121	710.000	Ton
0030	Cold Milling HMA Surface	5010002	41,839.000	Syd
0035	HMA Quality Initiative	5010007	36,998.000	Dlr
0040	Longit Joint Density Quality Initiative	5010018	132,844.000	Dlr
0045	HMA Approach	5010061	1,003.000	Ton
0050	HMA, 5EML	5012037	17,496.000	Ton
0055	Driveway, Nonreinf Conc, 6 inch	8010005	108.000	Syd
0060	Guardrail Anch, Bridge, Det T1	8070022	8.000	Ea
0065	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0070	Guardrail, Salv	8070075	2,564.000	Ft
0075	Guardrail Reflector	8070080	104.000	Ea
0080	Guardrail, Temp, Type MGS-8, 72 inch Post	8072004	2,018.000	Ft
0085	Delineator Reflector, Green	8100133	8.000	Ea
0090	Delineator Reflector, White	8100134	5.000	Ea
0095	Post, Rigid, Delineator	8100361	13.000	Ea
0100	_Enhanced Delineation, Bidirectional, Guardrail Post Mtd	8107001	2,018.000	Ft
0105	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	40.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0115	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,905.000	Ft
0125	Pavt Mrkg, Waterborne, 6 inch, White	8110233	85,687.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	23,047.000	Ft
0135	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,905.000	Ft

0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	85,687.000	Ft
0145	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	23,047.000	Ft
0150	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0155	Recessing Pavt Mrkg, Longit	8110450	88,592.000	Ft
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0175	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0185	Mobile Attenuator	8120180	1.000	Ea
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,600.000	Ft
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,300.000	Ft
0200	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0205	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0210	Sign Cover	8120310	16.000	Ea
0215	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	1,232.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,232.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	73,900.000	Ft
0245	Rumble Strip, Temp, Portable, Furn	8122188	18.000	Ea
0250	Rumble Strip, Temp, Portable, Oper	8122189	18.000	Ea
0255	_ Automated Flagger Assistance Device	8127050	3.000	Ea
0260	Slope Restoration, Non-Freeway, Type A	8162001	1,100.000	Syd
0265	Monument Box	8210001	6.000	Ea
0270	Monument Preservation	8210010	6.000	Ea
0275	Centerline Corrugations, Milled, HMA	8220013	42,487.000	Ft
0280	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	84,974.000	Ft



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 045**Letting Date:** December 1, 2023**Contract ID:** 11021-210873

Description: 1.06 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps and pavement markings on US-12 from the west to the east village limits in the village of Three Oaks, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210873A	24A0089	N/A	ST 11021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$54,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	228.000	Ft
0015	Pavt, Rem	2040050	54.000	Syd
0020	Sidewalk, Rem	2040055	125.000	Syd
0025	Excavation, Earth	2050016	12.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0035	Subbase, CIP	3010002	12.000	Cyd
0040	Aggregate Base, 6 inch	3020016	95.000	Syd
0045	Dr Structure Cover, Adj, Case 1, Modified	4030004	23.000	Ea
0050	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0055	Dr Structure Cover, Type B	4030010	3.000	Ea
0060	Dr Structure, Temp Lowering	4030390	23.000	Ea
0065	Cold Milling HMA Surface	5010002	28,144.000	Syd
0070	Bump Grinding	5010004	30.000	Syd
0075	HMA Quality Initiative	5010007	5,250.000	Dlr
0080	Longit Joint Density Quality Initiative	5010018	6,197.000	Dlr
0085	Pavt Joint and Crack Repr, Det 7	5010020	108.000	Ft
0090	Pavt Joint and Crack Repr, Det 8	5010021	820.000	Ft
0095	Hand Patching	5010025	22.000	Ton
0100	HMA Approach	5010061	469.000	Ton
0105	HMA, 5EML	5012037	2,134.000	Ton
0110	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	37.000	Syd
0115	Curb and Gutter, Conc, Det C4	8020023	153.000	Ft
0120	Detectable Warning Surface	8030010	61.000	Ft
0125	Curb Ramp Opening, Conc	8030030	74.000	Ft
0130	Sidewalk, Conc, 6 inch	8030046	498.000	Sft
0135	Curb Ramp, Conc, 6 inch	8032002	448.000	Sft

0140	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	220.000	Ft
0145	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	120.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	96.000	Ft
0155	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0165	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,520.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	12,530.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,520.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	12,530.000	Ft
0185	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0190	Pedestrian Type II Barricade, Temp	8120026	7.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	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, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,600.000	Ft
0225	Sign Cover	8120310	4.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0235	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	624.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	624.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0255	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0260	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0265	Slope Restoration, Non-Freeway, Type A	8162001	48.000	Syd
0270	Monument Box	8210001	2.000	Ea
0275	Monument Box Adj	8210005	4.000	Ea
0280	Monument Preservation	8210010	2.000	Ea
0285	Protect Corners	8210020	4.000	Ea
0290	Water Shutoff, Adj, Case 1	8230421	4.000	Ea
0295	Gate Box, Adj, Case 1	8230431	2.000	Ea
0300	Contractor Staking	8240001	1.000	LSUM
0305	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 046**Letting Date:** December 1, 2023**Contract ID:** 63043-204905

Description: 6.76 mi of median cable barrier construction along M-59 between Paddock Street and Opdyke Road and M-5 from Haggerty Road to Grand River Avenue in the cities of Pontiac, Farmington and Farmington Hills, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204905A	24A0086	N/A	HSIP 63043
209361A	24A0087	N/A	HSIP 63022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$207,300.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	2,159.000	Ft
0015	Embankment, LM	2050011	862.000	Cyd
0020	Erosion Control, Check Dam, Stone	2080012	256.000	Ft
0025	Erosion Control, Maintenance, Sediment Rem	2080026	40.000	Cyd
0030	Erosion Control, Sediment Trap	2080034	8.000	Ea
0035	Erosion Control, Silt Fence	2080036	4,705.000	Ft
0040	Project Cleanup	2090001	1.000	LSUM
0045	Shld, CI II	3070121	188.000	Ton
0050	Guardrail Approach Terminal, Type 3B	8070038	9.000	Ea
0055	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0060	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0065	Guardrail Reflector	8070080	177.000	Ea
0070	Cable Barrier, High Tension	8070198	30,515.000	Ft
0075	Cable Barrier Terminal, High Tension	8070199	34.000	Ea
0080	Cable, 1000 ft Spool	8070250	6.000	Ea
0085	Cable Barrier, Intermediate Line Post	8070251	292.000	Ea
0090	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	292.000	Ea
0095	Cable Barrier, Modified Line Post and Hardware	8070253	10.000	Ea
0100	Cable Barrier, Socket, Conc Fdn	8070254	100.000	Ea
0105	Cable Barrier, Driven Socket	8070255	100.000	Ea
0110	Cable Barrier, Turnbuckle	8070256	10.000	Ea
0115	Cable Barrier, Reflector	8070257	128.000	Ea
0120	Cable Barrier, Excluder Cap	8070258	292.000	Ea
0125	Cable Barrier, Wedge Lock Fitting	8070259	7.000	Ea
0130	Cable Barrier, Cable Splice Kit	8070260	51.000	Ea

0135	Cable Barrier Terminal, Materials	8070261	4.000	Ea
0140	Cable Barrier, High Tension, Repr Labor	8070262	70,000.000	Dlr
0145	Guardrail, Type MGS-8, 72 inch Post	8072179	266.000	Ft
0150	Guardrail, Type MGS-8D, 72 inch Post	8072181	3,924.000	Ft
0155	_ Hand Digging Guardrail Post	8077050	22.000	Ea
0160	Delineator Reflector, Green	8100133	2.000	Ea
0165	Delineator, Rem	8100349	73.000	Ea
0170	Post, Rigid, Delineator	8100361	2.000	Ea
0175	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	4,604.000	Ft
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	560.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	560.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0205	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Mobile Attenuator	8120180	4.000	Ea
0220	Sign Cover	8120310	16.000	Ea
0225	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	1,528.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,528.000	Sft
0245	_ Turf Establishment, Performance	8167011	25,395.000	Syd
0250	Contractor Staking	8240001	1.000	LSUM
0255	Staking Plan Errors and Extras, Max \$180/hour	8240002	24.000	Hr



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 047**Letting Date:** December 1, 2023**Contract ID:** 20052-217243

Description: 5.93 mi of hot mix asphalt micro texture cold milling and ultra-thin overlay, shoulder corrugations and pavement markings on I-75 from Federal Highway northerly to US-127, Crawford and Roscommon Counties. The project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217243A	24A0082	N/A	NH 20052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$198,800.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	5,400.000	Ton
0015	Micro Texture Pavt Milling	5010101	196,600.000	Syd
0020	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	284,700.000	Syd
0025	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	2.000	Ea
0030	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0040	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	200.000	Ft
0045	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	80.000	Ft
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	91,700.000	Ft
0055	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	76,600.000	Ft
0060	Pavt Mrkg, Waterborne, 12 inch, White	8110237	4,600.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	75,000.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	76,600.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	4,600.000	Ft
0080	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0085	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	16,700.000	Ft
0090	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Mobile Attenuator	8120180	1.000	Ea
0110	Plastic Drum, Fluorescent, Furn	8120252	1,300.000	Ea
0115	Plastic Drum, Fluorescent, Oper	8120253	1,300.000	Ea
0120	Sign Cover	8120310	50.000	Ea
0125	Sign, Type A, Temp, Prismatic, Furn	8120340	28.000	Sft
0130	Sign, Type A, Temp, Prismatic, Oper	8120341	28.000	Sft

0135	Sign, Type B, Temp, Prismatic, Furn	8120350	3,200.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	3,200.000	Sft
0145	Traf Regulator Control	8120370	1.000	LSUM
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	15,600.000	Ft
0155	Speed Radar Trailer, Temp	8122028	2.000	Ea
0160	Freeway Shld Corrugations, Milled, HMA	8222001	121,450.000	Ft



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 048**Letting Date:** December 1, 2023**Contract ID:** 82061-217642

Description: 2.28 mi of hot mix asphalt micro texture cold milling and ultra-thin resurfacing, concrete curb ramp upgrades, detail 7 joint and crack repairs and pavement markings on US-12 west of Belleville Road easterly to Haggerty Road, Wayne County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217642A	24A0109	N/A	NH 82061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$261,200.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	206.000	Ft
0015	Sidewalk, Rem	2040055	154.000	Syd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	130.000	Ea
0025	Project Cleanup	2090001	1.000	LSUM
0030	Shld, CI II	3070121	10.000	Ton
0035	Dr Structure Cover, Adj, Case 1, Modified	4030004	1.000	Ea
0040	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0045	Dr Structure Cover, Type J	4030045	1.000	Ea
0050	HMA Quality Initiative	5010007	2,540.000	Dlr
0055	Pavt Joint and Crack Repr, Det 7	5010020	23,084.000	Ft
0060	Hand Patching	5010025	1,270.000	Ton
0065	Fine Texture Pavt Milling	5010102	121,942.000	Syd
0070	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	121,942.000	Syd
0075	Curb and Gutter, Conc, Det B1	8020015	70.000	Ft
0080	Curb and Gutter, Conc, Det F3	8020037	54.000	Ft
0085	Detectable Warning Surface	8030010	55.000	Ft
0090	Curb Ramp Opening, Conc	8030030	82.000	Ft
0095	Curb Ramp, Conc, 4 inch	8032001	1,285.000	Sft
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0105	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	12.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0115	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	786.000	Ft
0120	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	2,720.000	Ft
0125	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	1,078.000	Ft
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	549.000	Ft

0135	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0140	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	33,608.000	Ft
0145	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	17,537.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0160	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0165	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0170	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0175	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0185	Mobile Attenuator	8120180	1.000	Ea
0190	Plastic Drum, Fluorescent, Furn	8120252	1,200.000	Ea
0195	Plastic Drum, Fluorescent, Oper	8120253	1,200.000	Ea
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	8.000	Ea
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	12.000	Ea
0210	Sign Cover	8120310	10.000	Ea
0215	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	30,000.000	Ft
0245	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	25,000.000	Ft
0250	Speed Radar Trailer, Temp	8122028	2.000	Ea
0255	Pedestrian Path, Temp	8122250	100.000	Ft
0260	Pedestrian Ramp, Temp	8122251	2.000	Ea
0265	Slope Restoration, Non-Freeway, Type B	8162002	177.000	Syd
0270	TS Face, Bag	8200458	10.000	Ea
0275	TS Face, Bag, Rem	8200459	10.000	Ea
0280	Contractor Staking	8240001	1.000	LSUM
0285	Staking Plan Errors and Extras, Max \$180/hour	8240002	28.000	Hr



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 049**Letting Date:** December 1, 2023**Contract ID:** 39081-209414**Description:** Traffic signal and concrete sidewalk ramp modernizations on various routes at 11 locations, Berrien, Cass and Kalamazoo Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209414A	24A0110	N/A	STG 39081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Grand Trunk Western Railroad	1027060	3,000.000	Dlr
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0015	Mobilization, Max \$313,700.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.020	Acre
0025	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0035	Curb and Gutter, Rem	2040020	803.000	Ft
0040	Pavt, Rem	2040050	117.000	Syd
0045	Sidewalk, Rem	2040055	825.000	Syd
0050	Exploratory Investigation, Vertical	2040080	500.000	Ft
0055	Embankment, CIP	2050010	29.000	Cyd
0060	Excavation, Earth	2050016	140.000	Cyd
0065	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0075	Erosion Control, Maintenance, Sediment Rem	2080026	17.000	Cyd
0080	Aggregate Base, 4 inch	3020010	1,100.000	Syd
0085	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0090	HMA Surface, Rem	5010005	121.000	Syd
0095	Hand Patching	5010025	21.000	Ton
0100	Conc Base Cse, Nonreinf, 9 inch	6020021	83.000	Syd
0105	Lane Tie, Epoxy Anchored	6030030	992.000	Ea
0110	Coating Galvanized Support Structures	7160010	3.000	Ea
0115	_ Dewatering System for Petroleum Contam. Groundwater, Site	8007051	1.000	LSUM
0120	_ Vibration Monitoring	8007051	1.000	LSUM
0125	Curb, Conc, Det E1	8020001	24.000	Ft
0130	Curb and Gutter, Conc, Det F3	8020037	377.000	Ft

0135	Detectable Warning Surface	8030010	346.000	Ft
0140	Curb Ramp Opening, Conc	8030030	427.000	Ft
0145	Sidewalk, Conc, 4 inch	8030044	35.000	Sft
0150	Curb Ramp, Conc, 4 inch	8032001	3,670.000	Sft
0155	Curb Ramp, Conc, 6 inch	8032002	3,330.000	Sft
0160	_ Detectable Warning Surface, Metal	8037001	12.000	Ft
0165	_ Curb Ramp, Conc, 4 inch, Decorative	8037010	235.000	Sft
0170	Fdn, Wood Support, Rem	8100280	1.000	Ea
0175	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,280.000	Ft
0180	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	530.000	Ft
0185	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	230.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0195	Rem Spec Mrkg	8110343	1,085.000	Sft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	42.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	42.000	Ea
0210	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0215	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0220	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
0225	Lighted Arrow, Type C, Oper	8120141	12.000	Ea
0230	Ltg for Night Work	8120160	1.000	LSUM
0235	Minor Traf Devices	8120170	1.000	LSUM
0240	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0245	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0250	Sign Cover	8120310	12.000	Ea
0255	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0265	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0270	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	1,254.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,254.000	Sft
0285	Traf Regulator Control	8120370	1.000	LSUM
0290	Pedestrian Path, Temp	8122250	100.000	Ft
0295	Pedestrian Ramp, Temp	8122251	12.000	Ea
0300	Slope Restoration, Non-Freeway, Type E	8162005	232.000	Syd
0305	Power Company (Estimated Cost to Contractor)	8180001	2,160.000	Dlr
0310	Conduit, Rem	8182000	585.000	Ft
0315	Conduit, Directional Bore, 2, 3 inch	8182037	720.000	Ft
0320	Conduit, DB, 1, 1 1/2 inch	8182048	1,075.000	Ft
0325	Conduit, DB, 2, 3 inch	8182053	195.000	Ft
0330	Conduit, DB, 3, 3 inch	8182056	470.000	Ft
0335	Conduit, DB, 4, 3 inch	8182059	110.000	Ft
0340	Conduit, DB, 1, 1 inch	8182060	200.000	Ft

0345	Cable Pole, Sec, Disman	8182206	3.000	Ea
0350	Cable Pole, TS and Sec, Disman	8182209	3.000	Ea
0355	Cable Pole, TS, Disman	8182210	7.000	Ea
0360	Cable, Sec, 600V, 1, 3/C#6	8182238	1,815.000	Ft
0365	Hh, Polymer Conc	8182309	20.000	Ea
0370	Hh, Round	8182310	37.000	Ea
0375	Hh, Round, 3 foot dia	8182319	10.000	Ea
0380	Hh, Rem	8182330	20.000	Ea
0385	Metered Serv	8182338	5.000	Ea
0390	Metered Serv, Rem	8182339	7.000	Ea
0395	Wood Pole, Rem	8182363	6.000	Ea
0400	Serv Disconnect	8182366	10.000	Ea
0405	Serv Disconnect, Rem	8182367	10.000	Ea
0410	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
0415	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	3.000	Ea
0420	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0425	Light Std Arm, 8 foot	8190266	3.000	Ea
0430	Luminaire	8190330	3.000	Ea
0435	Case Sign, Disappearing Legend, 24 inch by 30 inch	8200015	8.000	Ea
0440	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	7.000	Ea
0445	Case Sign, Rem	8200020	18.000	Ea
0450	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	3.000	Ea
0455	Conduit Repr, Under Pavt	8200027	50.000	Ft
0460	Conduit Repr, Under Sidewalk or Earth	8200028	50.000	Ft
0465	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	20.000	Ea
0470	Controller and Cabinet, Rem	8200030	11.000	Ea
0475	Controller Fdn, Base Mtd	8200045	10.000	Ea
0480	Controller Fdn, Rem	8200046	2.000	Ea
0485	Global Positioning System Module, Rem	8200053	1.000	Ea
0490	Fdn, Rem	8200065	8.000	Ea
0495	Flsh Beacon, Controller and Cabinet, Solid State	8200070	3.000	Ea
0500	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	10.000	Ea
0505	Pedestal, Alum	8200100	30.000	Ea
0510	Pedestal, Fdn	8200105	39.000	Ea
0515	Pedestal Fdn, Rem	8200106	21.000	Ea
0520	Pedestal, Rem	8200110	13.000	Ea
0525	Pedestal, Underground Serv, Metered	8200111	2.000	Ea
0530	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
0535	Pedestal, Pushbutton, Rem	8200119	8.000	Ea
0540	Pushbutton and Sign	8200121	36.000	Ea
0545	Pushbutton, Rem	8200122	12.000	Ea
0550	Pushbutton, Pedestal, Alum	8200123	5.000	Ea
0555	Span Wire	8200140	30.000	Ea
0560	Span Wire, Rem	8200141	17.000	Ea
0565	Span Wire Tether	8200142	30.000	Ea

0570	Steel Pole, Rem	8200145	8.000	Ea
0575	Steel Pole, Rem (Embedded)	8200146	4.000	Ea
0580	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
0585	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	18.000	Ea
0590	TS, Pedestrian, Pedestal Mtd, Rem	8200181	13.000	Ea
0595	TS, Span Wire Mtd, Rem	8200182	30.000	Ea
0600	Cabinet, NEMA Type	8200186	10.000	Ea
0605	Warning Sign	8200260	3.000	Ea
0610	Warning Sign, Rem	8200261	3.000	Ea
0615	TS, One Way Span Wire Mtd (LED)	8200313	61.000	Ea
0620	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0625	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
0630	TS, Two Way Span Wire Mtd (LED)	8200322	6.000	Ea
0635	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0640	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
0645	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	13.000	Ea
0650	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	17.000	Ea
0655	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0660	Bracket, Truss, with 18 foot Arm	8200378	19.000	Ea
0665	Video Traf Detection Camera, Rem	8200384	7.000	Ea
0670	Bracket, Truss, Rem	8200388	8.000	Ea
0675	Hemispherical Video Detection Camera	8200444	13.000	Ea
0680	Hemispherical Video Detection System	8200445	9.000	Ea
0685	Hemispherical Video Detection Camera, Rem	8200446	2.000	Ea
0690	Strain Pole Fdn, 6 Bolt	8200470	638.000	Ft
0695	Casing	8200480	569.000	Ft
0700	Cellular Modem, TS, 4th G	8200498	10.000	Ea
0705	Backplate, TS	8200501	94.000	Ea
0710	Radar Vehicle Dilemma Zone Detector Sensor, Rem	8200524	2.000	Ea
0715	Mast Arm Pole, Cat I	8202010	3.000	Ea
0720	Mast Arm, 40 foot, Cat I	8202017	2.000	Ea
0725	Mast Arm, 50 foot, Cat I	8202019	2.000	Ea
0730	Mast Arm Pole Fdn, 6 Bolt	8202034	58.000	Ft
0735	_ Controller, NEMA, ATC Type	8207050	10.000	Ea
0740	_ Pedestal Painting	8207050	6.000	Ea
0745	_ Radar Vehicle Detection Radius System	8207050	2.000	Ea
0750	_ Radar Vehicle Detection Radius, Stop Bar Advance Sensor	8207050	6.000	Ea
0755	_ Strain Pole, Steel, 6 bolt, Size 1	8207050	15.000	Ea
0760	_ Strain Pole, Steel, 6 bolt, Size 2	8207050	3.000	Ea
0765	_ Strain Pole, Steel, 6 bolt, Size 3	8207050	2.000	Ea
0770	_ Strain Pole, Steel, 6 bolt, Size 4	8207050	13.000	Ea
0775	_ TS, One Way Span Wire Mtd (LED), Optic	8207050	4.000	Ea

0780	_ TS, One Way Span Wire Mtd, FYA (LED), Optic	8207050	1.000	Ea
0785	_ TS, Two Way Span Wire Mtd (LED), Optic	8207050	2.000	Ea
0790	Contractor Staking	8240001	1.000	LSUM
0795	Staking Plan Errors and Extras, Max \$180/hour	8240002	35.000	Hr
0800	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0805	Lightning Protection, Pole	8260021	10.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 050**Letting Date:** December 1, 2023**Contract ID:** 11111-216907

Description: 2.29 mi of hot mix asphalt overlay, longitudinal joint repairs, shoulder corrugations and pavement markings on I-196 northbound from Coloma Road northerly to Central Avenue and on I-196 southbound north of Riverside Road, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216907A	24A0092	N/A	IM 11111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$126,200.00	1100001	1.000	LSUM
0010	Shld, CI II, 3 inch	3070125	2,636.000	Syd
0015	_ Shld, CI II, 2 inch	3077011	2,636.000	Syd
0020	Cold Milling HMA Surface	5010002	8,410.000	Syd
0025	HMA Quality Initiative	5010007	15,064.000	Dlr
0030	Pavt for Butt Joints, Rem	5010008	3,667.000	Syd
0035	Longit Joint Density Quality Initiative	5010018	25,140.000	Dlr
0040	Hand Patching	5010025	1,081.000	Ton
0045	HMA Approach	5010061	479.000	Ton
0050	HMA, 5EML	5012037	1,557.000	Ton
0055	_ Stone Matrix Asphalt (1/2 inch Nominal Max)	5017031	4,415.000	Ton
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	15,080.000	Ft
0065	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	12,070.000	Ft
0070	Pavt Mrkg, Waterborne, 12 inch, White	8110237	760.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	15,080.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	12,070.000	Ft
0085	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	760.000	Ft
0090	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0095	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0105	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0115	Minor Traf Devices	8120170	1.000	LSUM
0120	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0125	Sign Cover	8120310	2.000	Ea
0130	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea

0135	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	696.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	696.000	Sft
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,000.000	Ft
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	500.000	Ft
0160	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,000.000	Ft
0165	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	500.000	Ft
0170	Speed Radar Trailer, Temp	8122028	1.000	Ea
0175	Freeway Shld Corrugations, Milled, HMA	8222001	24,128.000	Ft
0180	Contractor Staking	8240001	1.000	LSUM
0185	Staking Plan Errors and Extras, Max \$180/hour	8240002	14.000	Hr



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 051**Letting Date:** December 1, 2023**Contract ID:** 14041-218477**Description:** Traffic signal modernization on US-12 at Gumwood Road, Cass County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218477A	N/A	N/A	M 14041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$15,700.00	1100001	1.000	LSUM
0010	Exploratory Investigation, Vertical	2040080	40.000	Ft
0015	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0020	Sign, Type III, Rem	8100403	4.000	Ea
0025	Ground Mtd Sign Support, Rem	8102010	8.000	Ea
0030	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	85.000	Ft
0035	Recessing Pavt Mrkg, Transv	8110451	170.000	Sft
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0045	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	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	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0070	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0075	Sign, Type A, Temp, Prismatic, Furn	8120340	8.000	Sft
0080	Sign, Type A, Temp, Prismatic, Oper	8120341	8.000	Sft
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	424.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	424.000	Sft
0095	Power Company (Estimated Cost to Contractor)	8180001	600.000	Dlr
0100	Cable, Sec, 600V, 1, 3/C#6	8182238	200.000	Ft
0105	Hh, Polymer Conc	8182309	1.000	Ea
0110	Metered Serv	8182338	1.000	Ea
0115	Wood Pole, Cl 4, 40 foot	8182351	4.000	Ea
0120	Serv Disconnect	8182366	1.000	Ea
0125	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
0130	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0135	Flsh Beacon, Solar Power	8200071	2.000	Ea

0140	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0145	Span Wire	8200140	4.000	Ea
0150	Span Wire Tether	8200142	2.000	Ea
0155	Warning Sign	8200260	2.000	Ea
0160	TS, One Way Span Wire Mtd (LED)	8200313	5.000	Ea
0165	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
0170	TS, 4th Level, LTGA (LED)	8200329	2.000	Ea
0175	Bracket, Truss, with 18 foot Arm	8200378	4.000	Ea
0180	Video Traf Detection Camera	8200381	2.000	Ea
0185	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0190	Backplate, TS	8200501	5.000	Ea
0195	Radar Vehicle Detection Radius System	8200529	1.000	Ea
0200	Radar Vehicle Detection Radius, Stop Bar Advance Sensor	8200531	2.000	Ea
0205	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0210	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0215	Lightning Protection, Pole	8260021	1.000	Ea
0220	ITS Cabinet, Pole Mtd	8260134	1.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 052**Letting Date:** December 1, 2023**Contract ID:** 41000-216305

Description: 0.91 mi of hot mix asphalt removal and resurfacing, concrete sidewalk ramps and pavement markings on 60th Street from Eastern Avenue easterly to west of Kalamazoo Avenue in the city of Kentwood, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216305A	N/A	N/A	EDC 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$97,800.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	220.000	Ft
0015	Sidewalk, Rem	2040055	200.000	Syd
0020	Exploratory Investigation, Vertical	2040080	30.000	Ft
0025	Excavation, Earth	2050016	16.000	Cyd
0030	_ Aggregate Base Grading	2057002	48.000	Sta
0035	_ Project Cleanup, Modified	2097051	1.000	LSUM
0040	_ Aggregate Base, Modified	3027031	100.000	Ton
0045	Dr Structure Cover, Adj, Case 1	4030005	18.000	Ea
0050	Dr Structure Cover, Type B	4030010	2.000	Ea
0055	Dr Structure, Temp Lowering	4030390	18.000	Ea
0060	_ Manhole Channel Protection	4037050	1.000	Ea
0065	Cold Milling HMA Surface	5010002	622.000	Syd
0070	HMA Surface, Rem	5010005	25,695.000	Syd
0075	Hand Patching	5010025	20.000	Ton
0080	HMA, 3EMH	5012014	5,500.000	Ton
0085	HMA, 5EMH	5012038	2,400.000	Ton
0090	Curb, Conc, Det E1	8020001	25.000	Ft
0095	Curb and Gutter, Conc, Det F4	8020038	150.000	Ft
0100	Detectable Warning Surface	8030010	80.000	Ft
0105	Curb Ramp Opening, Conc	8030030	145.000	Ft
0110	Sidewalk, Conc, 4 inch	8030044	1,200.000	Sft
0115	Curb Ramp, Conc, 6 inch	8032002	800.000	Sft
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,000.000	Ft
0125	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,000.000	Ft
0130	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	80.000	Ft
0135	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	370.000	Ft

0140	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	6.000	Ea
0145	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	4.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0160	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0175	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	9,000.000	Ft
0185	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	250.000	Ft
0190	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0195	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0200	Sign Cover	8120310	4.000	Ea
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	262.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	262.000	Sft
0215	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	32.000	Sft
0220	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	32.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	_ Roadside Seeding	8167011	100.000	Syd
0235	Traf Loop	8200170	1.000	Ea
0240	Monument Box	8210001	1.000	Ea
0245	Monument Preservation	8210010	1.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 053**Letting Date:** December 1, 2023**Contract ID:** 25000-216168

Description: 0.25 mi of hot mix asphalt resurfacing, concrete joint and crack repairs, sidewalk ramps, signing and pavement markings on Main Street from Seymour Road to the Flint River bridge in the city of Flushing, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216168A	24A0031	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Railroad Protection, at Grade Crossing, Huron and Eastern Railway	1027060	1,500.000	Dlr
0010	Mobilization, Max \$42,600.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	212.000	Ft
0020	Pavt, Rem	2040050	4,967.000	Syd
0025	Sidewalk, Rem	2040055	95.000	Syd
0030	Excavation, Earth	2050016	100.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0045	Erosion Control, Silt Fence	2080036	100.000	Ft
0050	Subbase, CIP	3010002	15.000	Cyd
0055	Aggregate Base, 8 inch	3020020	5,477.000	Syd
0060	Geotextile, Separator	3080005	150.000	Syd
0065	Geotextile, Stabilization	3080010	150.000	Syd
0070	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0075	Cold Milling HMA Surface	5010002	547.000	Syd
0080	HMA Surface, Rem	5010005	5,365.000	Syd
0085	Hand Patching	5010025	25.000	Ton
0090	HMA Approach	5010061	50.000	Ton
0095	HMA, 4EML	5012025	775.000	Ton
0100	HMA, 5EML	5012037	633.000	Ton
0105	Curb and Gutter, Conc, Det F4	8020038	212.000	Ft
0110	Detectable Warning Surface	8030010	25.000	Ft
0115	Curb Ramp Opening, Conc	8030030	44.000	Ft
0120	Sidewalk, Conc, 4 inch	8030044	236.000	Sft
0125	Curb Ramp, Conc, 4 inch	8032001	25.000	Sft
0130	Curb Ramp, Conc, 6 inch	8032002	454.000	Sft
0135	Post, Steel, 3 pound	8100371	56.000	Ft

0140	Sign, Type IIIB	8100405	44.000	Sft
0145	Pavt Mrkg, Polyurea, 4 inch, White	8110091	259.000	Ft
0150	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	4,372.000	Ft
0155	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	146.000	Ft
0160	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	90.000	Ft
0165	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	74.000	Ft
0170	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0175	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0180	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0195	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0200	Lighted Arrow, Type A, Furn	8120120	2.000	Ea
0205	Lighted Arrow, Type A, Oper	8120121	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,000.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,350.000	Ft
0225	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0235	Sign Cover	8120310	20.000	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	13.000	Sft
0255	Sign, Type A, Temp, Prismatic, Oper	8120341	13.000	Sft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	623.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	623.000	Sft
0270	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	69.000	Sft
0275	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	69.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0285	_ Turf Establishment, Performance	8167011	110.000	Syd
0290	Sanitary Structure Cover, Adj, Case 1	8252145	2.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 054**Letting Date:** December 1, 2023**Contract ID:** 47000-215153**Description:** Bridge rehabilitation including superstructure replacement, signing and guardrail work on Faussett Road over Ore Creek, Livingston County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215153A	24A0006	N/A	BHT 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$101,300.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.010	Acre
0015	Curb and Gutter, Rem	2040020	174.000	Ft
0020	Fence, Rem	2040025	110.000	Ft
0025	Guardrail, Rem	2040035	565.000	Ft
0030	Pavt, Rem	2040050	34.000	Syd
0035	Embankment, CIP	2050010	120.000	Cyd
0040	Excavation, Earth	2050016	405.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	60.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0055	Erosion Control, Silt Fence	2080036	670.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0065	Subbase, CIP	3010002	232.000	Cyd
0070	_ Aggregate Base, Mod (21AA)	3027031	1,234.000	Ton
0075	Shld, CI II	3070121	76.000	Ton
0080	Trenching	3070200	8.000	Sta
0085	Sewer, CI E, 12 inch, Tr Det B	4020600	80.000	Ft
0090	Dr Structure Cover, Type C	4030015	2.000	Ea
0095	Dr Structure Cover, Type D	4030025	2.000	Ea
0100	Dr Structure, 24 inch dia	4030200	2.000	Ea
0105	Dr Structure, 48 inch dia	4030210	2.000	Ea
0110	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0115	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0120	Underdrain, Subbase, 6 inch	4040063	421.000	Ft
0125	Cold Milling HMA Surface	5010002	1,487.000	Syd
0130	HMA Surface, Rem	5010005	519.000	Syd
0135	Edge Trimming	5010009	736.000	Ft
0140	Hand Patching	5010025	12.000	Ton

0145	HMA, 3EML	5012013	83.000	Ton
0150	HMA, 4EML	5012025	55.000	Ton
0155	HMA, 5EML	5012037	170.000	Ton
0160	Joint, Expansion, E3	6020208	30.000	Ft
0165	Conc Pavt, Bridge Approach, Reinf	6020600	67.000	Syd
0170	Driveway, Nonreinf Conc, 6 inch	8010005	18.000	Syd
0175	Curb and Gutter, Conc, Det D2	8020031	358.000	Ft
0180	Curb and Gutter, Bridge Approach, Det 5	8022016	68.000	Ft
0185	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0190	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0195	Guardrail Reflector	8070080	29.000	Ea
0200	Post, Mailbox	8070095	1.000	Ea
0205	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0210	Guardrail Anch, Bridge, Det M4	8070133	1.000	Ea
0215	Guardrail Anch, Bridge, Det M6	8070135	1.000	Ea
0220	Guardrail, Curved, Type B-CRT	8072154	13.000	Ft
0225	Guardrail, Type B, 72 inch Post	8072171	25.000	Ft
0230	Guardrail, Type MGS-8, 72 inch Post	8072179	438.000	Ft
0235	Fence, Woven Wire with Steel Post	8080002	30.000	Ft
0240	Fence, Chain Link, 48 inch	8080011	15.000	Ft
0245	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,400.000	Ft
0250	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,400.000	Ft
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0265	Minor Traf Devices	8120170	1.000	LSUM
0270	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0275	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0280	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0285	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	727.000	Sft
0295	Sign, Type B, Temp, Prismatic, Oper	8120351	727.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	156.000	Sft
0305	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	156.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0315	_ Barrier Float, Temp	8127001	200.000	Ft
0320	_ Regulatory Buoy, Closed Area, Temp	8127050	4.000	Ea
0325	_ Regulatory Buoy, Danger, Temp	8127050	4.000	Ea
0330	Slope Restoration, Non-Freeway, Type F	8162006	685.000	Syd
0335	Contractor Staking	8240001	1.000	LSUM
0340	Staking Plan Errors and Extras, Max \$180/hour	8240002	11.000	Hr

Section: 2

0345	Backfill, Structure, CIP	2060002	28.000	Cyd
0350	Aggregate	2060005	6.000	Cyd
0355	Excavation, Fdn	2060010	69.000	Cyd
0360	_ Lightweight Conc Backfill, CI IV	2067021	41.000	Cyd
0365	Erosion Control, Turbidity Curtain, Deep	2080042	460.000	Ft
0370	Geotextile, Separator, Non-Woven	3082000	29.000	Syd
0375	Underdrain, Fdn, 4 inch	4040031	36.000	Ft
0380	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0385	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0390	Steel Sheet Piling, Permanent	7040001	4,315.000	Sft
0395	Bridge Ltg, Furn and Rem (SN 5823)	7060001	1.000	LSUM
0400	Bridge Ltg, Oper and Maintain	7060002	67.000	Cyd
0405	Expansion Joint Device	7060050	36.000	Ft
0410	False Decking	7060060	2,864.000	Sft
0415	Reinforcement, Steel, Epoxy Coated	7060092	16,500.000	Lb
0420	Substructure Conc, High Performance	7060101	30.000	Cyd
0425	Superstructure Conc, Form, Finish, and Cure (SN 5823)	7060111	1.000	LSUM
0430	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 5823)	7060112	1.000	LSUM
0435	Superstructure Conc, High Performance	7060116	24.000	Cyd
0440	Superstructure Conc, Night Casting, High Performance	7060117	67.000	Cyd
0445	Sealing Localized Cracks (SN 5823)	7060220	1.000	LSUM
0450	_ Bridge Name Plate	7067050	1.000	Ea
0455	Bearing, Elastomeric, 1 3/4 inch	7070015	1,680.000	Sin
0460	_ Steel Tub Girder, Erect	7077051	1.000	LSUM
0465	_ Steel Tub Girder, Furn and Fab	7077051	1.000	LSUM
0470	Joint Waterproofing	7100001	267.000	Sft
0475	Joint Waterproofing, Expansion	7100003	56.000	Sft
0480	_ Silane Treatment	7107010	556.000	Sft
0485	Bridge Railing, 2 Tube	7110008	59.000	Ft
0490	Hand Chipping, Other Than Deck	7120007	25.000	Cft
0495	Patch, Forming	7120017	40.000	Sft
0500	Structures, Rehabilitation, Rem Portions (SN 5823)	7120070	1.000	LSUM
0505	Patching Conc, C-L	7120112	1.000	Cyd
0510	Embedded Galvanic Anode	7120120	364.000	Ea
0515	Sealing Localized Conc Barrier Cracks	8040000	1.000	LSUM



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 055**Letting Date:** December 1, 2023**Contract ID:** 13000-215826

Description: 1.50 mi of hot mix asphalt crush, shape and resurface, trenching, replace culvert, signage and pavement markings on R Drive S from West County Line to 1 1/2 Mile Road, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215826A	24A0010	N/A	STL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$86,400.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	79.000	Sta
0015	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0025	Embankment, CIP	2050010	100.000	Cyd
0030	Excavation, Earth	2050016	250.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0040	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0045	Aggregate Base	3020001	3,579.000	Ton
0050	HMA Base Crushing and Shaping	3050002	24,578.000	Syd
0055	Approach, CI I	3070001	70.000	Ton
0060	Trenching	3070200	158.000	Sta
0065	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0070	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0075	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0080	Culv, CI E, Conc, 12 inch	4010573	64.000	Ft
0085	Culv, CI E, Conc, 18 inch	4010575	48.000	Ft
0090	Culv, CI E, Conc, 48 inch	4010580	80.000	Ft
0095	HMA Surface, Rem	5010005	10.000	Syd
0100	HMA, 4EML	5012025	5,204.000	Ton
0105	Curb and Gutter, Conc, Det B2	8020016	264.000	Ft
0110	Post, Mailbox	8070095	10.000	Ea
0115	Post, Steel, 3 pound	8100371	224.000	Ft
0120	Sign, Type III, Rem	8100403	6.000	Ea
0125	Sign, Type IIIA	8100404	28.000	Sft
0130	Sign, Type IIIB	8100405	47.000	Sft
0135	Sign, Type V, Rem	8100421	2.000	Ea

0140	Sign, Type VB	8100425	25.000	Sft
0145	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	7,351.000	Ft
0150	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	15,800.000	Ft
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	80.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	80.000	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	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0195	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	460.000	Sft
0205	Sign, Type B, Temp, Prismatic, Oper	8120351	460.000	Sft
0210	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	123.000	Sft
0215	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	123.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0225	Riprap, Plain	8130010	20.000	Syd
0230	Slope Restoration, Non-Freeway, Type A	8162001	7,022.000	Syd
0235	Monument Box	8210001	3.000	Ea
0240	Monument Preservation	8210010	3.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 056**Letting Date:** December 1, 2023**Contract ID:** 50000-206645

Description: 0.90 mi of concrete pavement reconstruction, aggregate base, driveway approaches, signing, sidewalk ramps and pavement markings on 9 Mile Road from Gratiot Avenue to Tuscany Road in the city of Eastpointe, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206645A	23A0971	N/A	HIPU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1027060	1,000.000	Dlr
0010	Mobilization, Max \$381,000.00	1100001	1.000	LSUM
0015	Tree, Rem, 6 inch to 18 inch	2020004	18.000	Ea
0020	Dr Structure, Rem	2030011	69.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	2,282.000	Ft
0030	Curb and Gutter, Rem	2040020	95.000	Ft
0035	Pavt, Rem	2040050	6,127.000	Syd
0040	Sidewalk, Rem	2040055	2,100.000	Syd
0045	Exploratory Investigation, Vertical	2040080	50.000	Ft
0050	_ Gas Main, Abandoned, Rem	2047001	100.000	Ft
0055	_ Non Haz Contaminated Material Handling and Disposal, LM	2047021	250.000	Cyd
0060	Subgrade Undercutting, Type I	2050040	200.000	Cyd
0065	_ Station Grading	2057002	50.000	Sta
0070	_ Subgrade Undercutting, Modified	2057021	500.000	Cyd
0075	_ Erosion Control, Inlet Filter	2087050	52.000	Ea
0080	Project Cleanup	2090001	1.000	LSUM
0085	Aggregate Base, 4 inch	3020010	83.000	Syd
0090	Aggregate Base, 6 inch	3020016	531.000	Syd
0095	Aggregate Base, 8 inch	3020020	1,700.000	Syd
0100	Aggregate Base, 9 inch	3020022	275.000	Syd
0105	Aggregate Base, 10 inch	3020026	36,350.000	Syd
0110	Maintenance Gravel	3060020	1,000.000	Ton
0115	Sewer, CI IV, 12 inch, Tr Det B	4020987	2,040.000	Ft
0120	Trench Undercut and Backfill	4021260	50.000	Cyd
0125	Video Taping Sewer and Culv Pipe	4021275	2,055.000	Ft
0130	_ Sewer, 12 inch, Grout Solid	4027001	154.000	Ft
0135	_ Sewer, Sch40 PVC, 8 inch, Tr Det B	4027001	15.000	Ft

0140	_ Temp Sewer Connection, 12 inch, Tr Det B	4027001	29.000	Ft
0145	_ External Structure Wrap, 18 inch	4027050	130.000	Ea
0150	_ Sewer Bulkhead, 10 inch	4027050	1.000	Ea
0155	_ Sewer Bulkhead, 12 inch	4027050	18.000	Ea
0160	_ Sewer Bulkhead, 12 inch, Temp	4027050	4.000	Ea
0165	_ Sewer Bulkhead, 8 inch	4027050	3.000	Ea
0170	_ Temp 12 inch Storm Connection	4027050	6.000	Ea
0175	Dr Structure Cover, Adj, Case 1	4030005	47.000	Ea
0180	Dr Structure, 24 inch dia	4030200	7.000	Ea
0185	Dr Structure, 48 inch dia	4030210	44.000	Ea
0190	Dr Structure, Adj, Add Depth	4030280	50.000	Ft
0195	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0200	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0205	Dr Structure, Tap, 12 inch	4030312	37.000	Ea
0210	_ Catch Basin Cover, Eastpointe	4037050	49.000	Ea
0215	_ Dr Structure Trap, 12 inch	4037050	32.000	Ea
0220	_ Dr Structure, 36 inch dia	4037050	5.000	Ea
0225	_ Sanitary Manhole Cover, Eastpointe	4037050	40.000	Ea
0230	_ Sanitary Manhole, 48 inch dia	4037050	1.000	Ea
0235	_ Storm Manhole Cover, Eastpointe	4037050	11.000	Ea
0240	_ Utility Structure Cover, Adj, Case 1	4037050	3.000	Ea
0245	_ Utility Structure Cover, Adj, Case 2	4037050	1.000	Ea
0250	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	9,800.000	Ft
0255	HMA Surface, Rem	5010005	33,500.000	Syd
0260	Hand Patching	5010025	20.000	Ton
0265	HMA, 36A	5010034	61.000	Ton
0270	_ HMA Surface, 4 inch	5017031	19.000	Ton
0275	Conc Base Cse, Nonreinf, 9 inch	6020021	275.000	Syd
0280	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	536.000	Syd
0285	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	1,500.000	Syd
0290	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	3,600.000	Syd
0295	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	30,800.000	Syd
0300	Joint, Expansion, E3	6020208	1,000.000	Ft
0305	Joint, Plane-of-Weakness, W	6020211	5,000.000	Ft
0310	Pavt Gapping	6020215	250.000	Ft
0315	Joint, Plane-of-Weakness, W, Intersection	6020310	800.000	Ft
0320	Cement	6030005	1.000	Ton
0325	Lane Tie, Epoxy Anchored	6030030	1,175.000	Ea
0330	Driveway, Nonreinf Conc, 6 inch	8010005	70.000	Syd
0335	Driveway, Nonreinf Conc, 8 inch	8010007	1,250.000	Syd
0340	Curb and Gutter, Conc, Det F2	8020036	100.000	Ft
0345	Driveway Opening, Conc, Det M	8020050	138.000	Ft
0350	Detectable Warning Surface	8030010	400.000	Ft
0355	Curb Ramp Opening, Conc	8030030	564.000	Ft
0360	Sidewalk, Conc, 4 inch	8030044	6,100.000	Sft

0365	Sidewalk, Conc, 6 inch	8030046	800.000	Sft
0370	Sidewalk, Conc, 8 inch	8030048	600.000	Sft
0375	Sidewalk, Clay Brick Pavers	8030050	7,150.000	Sft
0380	Sidewalk, Clay Brick Pavers, Rem	8030051	3,850.000	Sft
0385	Curb Ramp, Conc, 4 inch	8032001	7,600.000	Sft
0390	Curb Ramp, Conc, 6 inch	8032002	60.000	Sft
0395	_ Curb Ramp, Conc, 8 inch	8037010	2,750.000	Sft
0400	Post, Steel, 3 pound	8100371	772.000	Ft
0405	Sign, Type III, Erect, Salv	8100402	63.000	Ea
0410	Sign, Type III, Rem	8100403	30.000	Ea
0415	Sign, Type IIIA	8100404	145.000	Sft
0420	Sign, Type IIIB	8100405	80.000	Sft
0425	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,658.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	167.000	Ft
0435	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,414.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	654.000	Ft
0445	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0455	Pavt Mrkg, Polyurea, 4 inch, White	8110091	3,690.000	Ft
0460	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	14,316.000	Ft
0465	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	18,006.000	Ft
0470	Rem Curing Compound, for Spec Mrkg	8110321	4,217.000	Sft
0475	Recessing Pavt Mrkg, Longit	8110450	18,006.000	Ft
0480	Recessing Pavt Mrkg, Transv	8110451	4,241.000	Sft
0485	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0495	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0500	Pedestrian Type II Channelizer, Temp	8120027	150.000	Ft
0505	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0515	Minor Traf Devices	8120170	1.000	LSUM
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,500.000	Ft
0525	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	23,000.000	Ft
0530	Plastic Drum, Fluorescent, Furn	8120252	650.000	Ea
0535	Plastic Drum, Fluorescent, Oper	8120253	650.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	2,000.000	Sft
0545	Sign, Type B, Temp, Prismatic, Oper	8120351	2,000.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	10.000	Sft
0555	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	10.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0565	Sodding	8160055	5,200.000	Syd
0570	Topsoil Surface, Furn, 3 inch	8160061	5,200.000	Syd

0575	Water, Sodding/Seeding	8160090	250.000	Unit
0580	Light Std Fdn, Rem	8190280	3.000	Ea
0585	Case Sign Panel	8200003	4.000	Ea
0590	Case Sign Panel, Rem	8200004	8.000	Ea
0595	Case Sign Panel, Salv	8200005	4.000	Ea
0600	TS Head, Temp	8200453	8.000	Ea
0605	TS Face, Bag	8200458	8.000	Ea
0610	TS Face, Bag, Rem	8200459	8.000	Ea
0615	Monument Box	8210001	1.000	Ea
0620	_ Irrigation Pipe	8237001	500.000	Ft
0625	_ Gate Box, Adj, Case 1	8237050	25.000	Ea
0630	_ Gate Box, Adj, Case 2	8237050	2.000	Ea
0635	_ Gate Well Cover, Adj, Case 1	8237050	2.000	Ea
0640	_ Gate Well Cover, Adj, Case 2	8237050	1.000	Ea
0645	_ Sprinkler Head	8237050	50.000	Ea
0650	_ Audio-Visual Record of the Construction Influence Area	8507051	1.000	LSUM



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 057**Letting Date:** December 1, 2023**Contract ID:** 81000-215136

Description: Replace hot mix asphalt surface and waterproofing membrane, patching of barriers and sidewalk and approach work on Factory Street and LeForge Street over the Huron River in the city of Ypsilanti, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215136A	24A0005	N/A	BHT 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$65,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	153.000	Ft
0015	Sidewalk, Rem	2040055	75.000	Syd
0020	Excavation, Earth	2050016	156.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0030	Erosion Control, Silt Fence	2080036	525.000	Ft
0035	Aggregate Base, 4 inch	3020010	75.000	Syd
0040	Aggregate Base, 8 inch	3020020	850.000	Syd
0045	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0050	Cold Milling HMA Surface	5010002	1,149.000	Syd
0055	HMA Surface, Rem	5010005	799.000	Syd
0060	HMA, 5EL	5012036	451.000	Ton
0065	Joint, Expansion, E3	6020208	214.000	Ft
0070	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	799.000	Syd
0075	Curb and Gutter, Conc, Det C4	8020023	106.000	Ft
0080	Valley Gutter, Conc	8020060	47.000	Ft
0085	Sidewalk, Conc, 4 inch	8030044	673.000	Sft
0090	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0095	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	550.000	Ft
0105	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,706.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	500.000	Ft
0115	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,320.000	Ft
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0130	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea

0135	Pedestrian Type II Channelizer, Temp	8120027	500.000	Ft
0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0155	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	30.000	Ft
0170	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0175	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	100.000	Ft
0185	Sign, Type B, Temp, Prismatic, Furn	8120350	873.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	873.000	Sft
0195	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	849.000	Sft
0200	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	849.000	Sft
0205	Traf Regulator Control	8120370	1.000	LSUM
0210	Pedestrian Ramp, Temp	8122251	4.000	Ea
0215	_ Utility Protection	8507051	1.000	LSUM

Section: 2

0220	Joint and Crack, Cleanout	5010015	630.000	Ft
0225	_ HMA Surface, Rem, Modified	5017011	1,330.000	Syd
0230	Expansion Joint Device, Cover Plate	7060051	53.000	Ft
0235	Membrane, Preformed Waterproofing	7100008	11,965.000	Sft
0240	Penetrating Healer/Sealer, Bridge Deck	7100025	53.000	Syd
0245	Hand Chipping, Deep	7120004	12.000	Syd
0250	Hand Chipping, Other Than Deck	7120007	535.000	Cft
0255	Patch, Forming	7120017	719.000	Sft
0260	Epoxy Ovly	7120020	1,272.000	Syd
0265	Patching Conc, C-L	7120112	22.000	Cyd
0270	Embedded Galvanic Anode	7120120	300.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 058**Letting Date:** December 1, 2023**Contract ID:** 75000-133088

Description: Timber deck replacement, replacement of wingwalls, removal of bridge hot mix asphalt wearing surface and replace with timber wearing surface, placement of heavy riprap and approach work on Creighton Truck Trail (County Road 448) over the Creighton River, Railroad Street over the Fox River and Clear Lake Road over Stutts Creek, Schoolcraft County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133088A	24A0002	N/A	BHT 75000
212294A	24A0011	N/A	BFPO 75000
212298A	24A0012	N/A	BFP 75000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$46,800.00	1100001	1.000	LSUM
0010	Excavation, Earth	2050016	513.000	Cyd
0015	Erosion Control, Silt Fence	2080036	75.000	Ft
0020	Aggregate Base, 8 inch	3020020	279.000	Syd
0025	Shld, CI II, 3 inch	3070125	154.000	Syd
0030	HMA Surface, Rem	5010005	302.000	Syd
0035	HMA, 4EL	5012024	149.000	Ton
0040	Resealing Trans Joints with Hot-Poured Rubber	6030100	56.000	Ft
0045	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0050	Guardrail, Reconst, Type B	8070105	68.000	Ft
0055	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	548.000	Ft
0065	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	548.000	Ft
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0075	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	714.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	714.000	Sft
0095	Fertilizer, Chemical Nutrient, CI B	8160021	14.000	Lb
0100	Mulch	8160025	544.000	Syd
0105	Mulch Anchoring	8160026	544.000	Syd
0110	Seeding, Mixture TGM	8160038	25.000	Lb
0115	Topsoil Surface, Furn, 4 inch	8160062	544.000	Syd

Section: 2

0120	Structures, Rem Portions	2040061	1.000	LSUM
0125	Backfill, Structure, CIP	2060002	478.000	Cyd
0130	Excavation, Fdn	2060010	538.000	Cyd
0135	Underdrain, Fdn, 4 inch	4040031	94.000	Ft
0140	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0145	Saw Cut, Intermediate	6030090	56.000	Ft
0150	False Decking	7060060	1,020.000	Sft
0155	Reinforcement, Steel, Epoxy Coated	7060092	3,916.000	Lb
0160	Conc, Grade 3500, Subfooting	7062000	18.000	Cyd
0165	Conc, Grade 3500	7062001	24.000	Cyd
0170	_ Bridge, Prefabricated Superstructure	7067051	1.000	LSUM
0175	Timber and Lumber, Treated, Furn and Place	7090030	3.000	TBF
0180	Joint Waterproofing	7100001	43.000	Sft
0185	Protective Ovly, Snowmobile Trail Crossing	8110550	79.000	Syd
0190	Riprap, Heavy	8130005	15.000	Syd



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 059**Letting Date:** December 1, 2023**Contract ID:** 73000-218157**Description:** Bridge replacement with 21-inch prestressed concrete box beams, guardrail and approach work on Burt Road over Pine Run Creek, Saginaw County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218157A	24A0021	N/A	BO 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$100,000.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	3.000	Sta
0015	Guardrail, Rem	2040035	130.000	Ft
0020	_ Pavt, Rem, Modified	2047011	602.000	Syd
0025	Embankment, CIP	2050010	15.000	Cyd
0030	Excavation, Earth	2050016	573.000	Cyd
0035	Erosion Control, Silt Fence	2080036	540.000	Ft
0040	Subbase, CIP	3010002	1,140.000	Cyd
0045	_ Aggregate Base, 20 inch, Modified	3027011	118.000	Syd
0050	_ Aggregate Base, 3 inch, Modified	3027011	20.000	Syd
0055	_ Aggregate Base, 6 inch, Modified	3027011	860.000	Syd
0060	_ Approach, CI II, 6 inch, Modified	3077011	89.000	Syd
0065	_ Shld, CI II, 4 inch, Modified	3077011	127.000	Syd
0070	Underdrain, Subbase, 4 inch	4040061	227.000	Ft
0075	HMA Approach	5010061	104.000	Ton
0080	_ Curb and Gutter, Bridge Approach, Det 5, Modified	8027001	28.000	Ft
0085	_ Curb and Gutter, Bridge Approach, Det 6, Modified	8027001	84.000	Ft
0090	Guardrail Departing Terminal, Type T	8070051	4.000	Ea
0095	_ Guardrail Anch, Bridge, Type T1, Curved, Modified	8077050	4.000	Ea
0100	Sign, Type III, Rem	8100403	3.000	Ea
0105	Pavt Mrkg, Waterborne, 4 inch, White	8110231	600.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	600.000	Ft
0115	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	600.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	600.000	Ft
0125	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	352.000	Ft
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea

0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0155	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Sign Cover	8120310	41.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	477.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	477.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	466.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	466.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	_ Riprap, Plain, Modified	8137011	14.000	Syd
0200	_ Slope Restoration, Modified	8167011	491.000	Syd

Section: 2

0205	Structures, Rem	2040060	1.000	LSUM
0210	Backfill, Structure, CIP	2060002	165.000	Cyd
0215	Excavation, Fdn	2060010	480.000	Cyd
0220	Erosion Control, Filter Bag	2080014	2.000	Ea
0225	Erosion Control, Turbidity Curtain, Shallow	2080044	132.000	Ft
0230	Underdrain, Fdn, 4 inch	4040031	108.000	Ft
0235	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0240	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0245	Cofferdams	7040007	1.000	LSUM
0250	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0255	Pile, Steel, Furn and Driven, 12 inch	7050030	1,640.000	Ft
0260	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0265	Pile Point, Steel	7050039	36.000	Ea
0270	Pile, Steel, Splice	7050050	36.000	Ea
0275	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0280	Bridge Ltg, Oper and Maintain	7060002	82.000	Cyd
0285	Conc, Low Temperature Protection	7060020	187.000	Cyd
0290	False Decking	7060060	2,082.000	Sft
0295	Reinforcement, Steel, Epoxy Coated	7060092	22,702.000	Lb
0300	Substructure Conc	7060100	101.000	Cyd
0305	Superstructure Conc	7060110	4.000	Cyd
0310	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0315	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0320	Superstructure Conc, Night Casting	7060113	82.000	Cyd
0325	Sealing Localized Cracks (Str 9415)	7060220	1.000	LSUM
0330	Conc, Grade 3500, Subfooting	7062000	18.000	Cyd
0335	_ Structure Name Plate	7067050	1.000	Ea
0340	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	268.000	Lb
0345	Steel Diaphragm, Prest Conc Beam, Erect	7070054	268.000	Lb

0350	_ Bearing, Elastomeric, 1 1/8 inch	7077008	2,640.000	Sin
0355	Prest Conc Box Beam, Furn, 21 inch	7080061	270.000	Ft
0360	Prest Conc Box Beam, Erect, 21 inch	7080062	270.000	Ft
0365	Joint Waterproofing	7100001	232.000	Sft
0370	Joint Waterproofing, Expansion	7100003	84.000	Sft
0375	_ Silane Treatment	7107010	1,054.000	Sft
0380	Bridge Railing, Aesthetic Parapet Tube	7110005	108.000	Ft
0385	_ Riprap, Heavy, Modified	8137011	224.000	Syd



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 060**Letting Date:** December 1, 2023**Contract ID:** 32000-214407**Description:** Pier concrete patching repair on Notter Road and Haist Road over the Pigeon River, Huron County.
This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214407A	24A0008	N/A	BO 32000
218073A	24A0032	N/A	BO 32000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max Max \$40,600	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	4.000	Sta
0015	Erosion Control, Silt Fence	2080036	400.000	Ft
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea
0025	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0030	Minor Traf Devices	8120170	1.000	LSUM
0035	Sign Cover	8120310	67.000	Ea
0040	Sign, Type B, Temp, Prismatic, Furn	8120350	491.000	Sft
0045	Sign, Type B, Temp, Prismatic, Oper	8120351	491.000	Sft
0050	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	29.000	Sft
0055	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	29.000	Sft
0060	_ Slope Restoration, Modified	8167011	1,000.000	Syd

Section: 2

0065	_ Bypass Pumping	7047050	4.000	Ea
0070	_ Construction Dam	7047050	4.000	Ea
0075	Reinforcement, Steel, Epoxy Coated	7060092	394.000	Lb
0080	Hand Chipping, Other Than Deck	7120007	160.000	Cft
0085	Patch, Forming	7120017	271.000	Sft
0090	Patching Conc, C	7120110	7.000	Cyd
0095	Embedded Galvanic Anode	7120120	130.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 061**Letting Date:** December 1, 2023**Contract ID:** 13000-216512

Description: 1.50 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb and gutter, replace culvert and pavement markings on 9 1/2 Mile Road from Michigan Ave (I-94BL/M-96) northward to Verona Road, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216512A	24A0020	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$94,800.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	8.000	Ea
0015	Tree, Rem, 37 inch or Larger	2020003	18.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	11.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Dr Structure, Rem	2030011	4.000	Ea
0035	Curb and Gutter, Rem	2040020	70.000	Ft
0040	Pavt, Rem	2040050	360.000	Syd
0045	Berm Grading	2050008	151.000	Sta
0050	Aggregate Base	3020001	750.000	Ton
0055	HMA Base Crushing and Shaping	3050002	27,269.000	Syd
0060	Maintenance Gravel	3060020	100.000	Ton
0065	Approach, CI I	3070001	65.000	Ton
0070	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0075	Culv, CI E, Conc, 12 inch	4010573	160.000	Ft
0080	Dr Structure Cover, Type E	4030035	4.000	Ea
0085	Dr Structure, 48 inch dia	4030210	4.000	Ea
0090	_ Leaching Basin, 48 inch dia	4037050	1.000	Ea
0095	HMA Surface, Rem	5010005	440.000	Syd
0100	Pavt for Butt Joints, Rem	5010008	200.000	Syd
0105	HMA Approach	5010061	150.000	Ton
0110	HMA, 4EML	5012025	7,100.000	Ton
0115	Curb and Gutter, Conc, Det B2	8020016	560.000	Ft
0120	Post, Mailbox	8070095	110.000	Ea
0125	Post, Steel, 3 pound	8100371	14.000	Ft
0130	Sign, Type III, Rem	8100403	20.000	Ea
0135	Sign, Type IIIB	8100405	79.000	Sft

0140	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	175.000	Ft
0145	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,860.000	Ft
0150	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	15,207.000	Ft
0155	Recessing Pavt Mrkg, Transv	8110451	680.000	Sft
0160	Pavt Mrkg, Preformed Thermopl, Bike Thru Arrow Sym	8112015	16.000	Ea
0165	Pavt Mrkg, Preformed Thermopl, Bike, Small Sym	8112018	16.000	Ea
0170	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	2.000	Ea
0175	Pavt Mrkg, Preformed Thermopl, Rt Turn Arrow Sym	8112022	1.000	Ea
0180	Pavt Mrkg, Preformed Thermopl, 6 inch, Crosswalk	8112078	120.000	Ft
0185	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	59.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0205	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0215	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0225	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0230	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	504.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	504.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0255	Traf Regulator Control	8120370	1.000	LSUM
0260	Slope Restoration, Non-Freeway, Type A	8162001	7,150.000	Syd
0265	_ Wireless Vehicle Sensor Node, Rem, Modified	8207050	5.000	Ea
0270	_ Wireless Vehicle Sensor Node, Salv, Modified	8207050	5.000	Ea
0275	Monument Box	8210001	3.000	Ea
0280	Monument Preservation	8210010	3.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 062**Letting Date:** December 1, 2023**Contract ID:** 25000-214469

Description: Bridge replacement including 21-inch concrete prestressed box beams, cast in place concrete abutments and approach work on Elms Road and Linden Road over Brent Run, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214469A	24A0075	N/A	BFPO 25000
214471A	24A0076	N/A	BFPO 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$250,000.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	9.000	Sta
0015	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0020	Culv, Rem, Over 48 inch	2030003	2.000	Ea
0025	Guardrail, Rem	2040035	800.000	Ft
0030	Exploratory Investigation, Vertical	2040080	10.000	Ft
0035	_ Pavt, Rem, Modified	2047011	2,403.000	Syd
0040	Embankment, CIP	2050010	180.000	Cyd
0045	Excavation, Earth	2050016	1,343.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0055	Erosion Control, Silt Fence	2080036	1,680.000	Ft
0060	Subbase, CIP	3010002	1,054.000	Cyd
0065	_ Aggregate Base, 22 inch, Modified	3027011	756.000	Syd
0070	_ Aggregate Base, 4 inch, Modified	3027011	60.000	Syd
0075	_ Aggregate Base, 7 inch, Modified	3027011	793.000	Syd
0080	_ Aggregate Base, 8 inch, Modified	3027011	1,923.000	Syd
0085	_ Shld, Cl II, 5 inch, Modified	3077011	577.000	Syd
0090	Culv End Sect, 12 inch	4010012	1.000	Ea
0095	Culv End Sect, 18 inch	4010018	2.000	Ea
0100	Culv, Cl F, 12 inch	4010607	40.000	Ft
0105	Culv, Cl F, 18 inch	4010609	24.000	Ft
0110	Sewer, Cl A, 12 inch, Tr Det A	4020004	14.000	Ft
0115	Sewer, Cl A, 12 inch, Tr Det B	4020033	34.000	Ft
0120	Dr Structure Cover, Type K	4030050	2.000	Ea
0125	Dr Structure, 24 inch dia	4030200	1.000	Ea
0130	Dr Structure, 48 inch dia	4030210	1.000	Ea

0135	HMA Approach	5010061	606.000	Ton
0140	Joint, Expansion, E3	6020208	60.000	Ft
0145	_ Curb and Gutter, Bridge Approach, Det 5, Modified	8027001	246.000	Ft
0150	_ Curb and Gutter, Bridge Approach, Det 6, Modified	8027001	67.000	Ft
0155	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
0160	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0165	Guardrail Reflector	8070080	16.000	Ea
0170	Guardrail Anch, Bridge, Det M1	8070130	8.000	Ea
0175	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	38.000	Ft
0180	Guardrail, Type MGS-8, 72 inch Post	8072179	38.000	Ft
0185	Post, Steel, 3 pound	8100371	88.000	Ft
0190	Sign, Type IIIB	8100405	10.000	Sft
0195	Sign, Type VB	8100425	9.000	Sft
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,680.000	Ft
0205	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,680.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,680.000	Ft
0215	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,680.000	Ft
0220	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,060.000	Ft
0225	Witness, Log, \$1,250.00	8110351	2,500.000	Dlr
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0235	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	40.000	Ea
0245	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	40.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0255	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0265	Sign Cover	8120310	58.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	1,226.000	Sft
0275	Sign, Type B, Temp, Prismatic, Oper	8120351	1,226.000	Sft
0280	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	441.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	441.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0295	_ Riprap, Spec, CL II	8137031	10.000	Ton
0300	_ Slope Restoration, Modified	8167011	2,806.000	Syd
0305	Monument Box	8210001	3.000	Ea
0310	Monument Box Adj	8210005	3.000	Ea
0315	Monument Preservation	8210010	3.000	Ea

Section: 2

0320	Structures, Rem (STR 2738)	2040060	1.000	LSUM
0325	Structures, Rem (STR 2817)	2040060	1.000	LSUM
0330	Excavation, Peat	2050017	137.000	Cyd
0335	Backfill, Structure, CIP	2060002	497.000	Cyd

0340	Aggregate	2060005	191.000	Cyd
0345	Excavation, Fdn	2060010	1,390.000	Cyd
0350	Erosion Control, Filter Bag	2080014	3.000	Ea
0355	Erosion Control, Turbidity Curtain, Deep	2080042	240.000	Ft
0360	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0365	Underdrain, Fdn, 4 inch	4040031	535.000	Ft
0370	Underdrain Outlet, 4 inch	4040091	80.000	Ft
0375	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0380	Cofferdams (STR 2817)	7040007	1.000	LSUM
0385	Cofferdams, Left in Place (STR 2738)	7040009	1.000	LSUM
0390	Pile Driving Equipment, Furn (STR 2738)	7050002	1.000	LSUM
0395	Pile Driving Equipment, Furn (STR 2817)	7050002	1.000	LSUM
0400	Pile, Steel, Furn and Driven, 12 inch	7050030	1,740.000	Ft
0405	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0410	Pile, Steel, Furn and Driven, 14 inch	7050034	2,310.000	Ft
0415	Test Pile, Steel, 14 inch	7050035	2.000	Ea
0420	Pile Point, Steel	7050039	70.000	Ea
0425	Pile, Steel, Splice	7050050	70.000	Ea
0430	Bridge Ltg, Furn and Rem (STR 2738)	7060001	1.000	LSUM
0435	Bridge Ltg, Furn and Rem (STR 2817)	7060001	1.000	LSUM
0440	Bridge Ltg, Oper and Maintain	7060002	310.000	Cyd
0445	Conc, Low Temperature Protection	7060020	276.000	Cyd
0450	Expansion Joint Device	7060050	72.000	Ft
0455	False Decking	7060060	5,669.000	Sft
0460	Reinforcement, Steel, Epoxy Coated	7060092	78,674.000	Lb
0465	Substructure Conc	7060100	214.000	Cyd
0470	Superstructure Conc	7060110	24.000	Cyd
0475	Superstructure Conc, Form, Finish, and Cure (STR 2738)	7060111	1.000	LSUM
0480	Superstructure Conc, Form, Finish, and Cure (STR 2817)	7060111	1.000	LSUM
0485	Superstructure Conc, Form, Finish, and Cure, Night Casting (STR 2738)	7060112	1.000	LSUM
0490	Superstructure Conc, Form, Finish, and Cure, Night Casting (STR 2817)	7060112	1.000	LSUM
0495	Superstructure Conc, Night Casting	7060113	310.000	Cyd
0500	Conc, Grade 3500, Subfooting	7062000	72.000	Cyd
0505	_ Structure Name Plate	7067050	2.000	Ea
0510	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	1,015.000	Lb
0515	Steel Diaphragm, Prest Conc Beam, Erect	7070054	1,015.000	Lb
0520	_ Bearing, Elastomeric, 1 1/8 inch	7077008	5,680.000	Sin
0525	Prest Conc Box Beam, Furn, 21 inch	7080061	585.000	Ft
0530	Prest Conc Box Beam, Erect, 21 inch	7080062	585.000	Ft
0535	Joint Waterproofing	7100001	563.000	Sft
0540	Joint Waterproofing, Expansion	7100003	235.000	Sft
0545	_ Silane Treatment	7107010	2,739.000	Sft

0550	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
0555	Bridge Barrier Railing, Type 6	7110011	234.000	Ft
0560	Epoxy Ovly	7120020	936.000	Syd
0565	_ Riprap, Spec, CL II	8137031	538.000	Ton
0570	_ Riprap, Spec, Class II	8137031	688.000	Ton



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 063**Letting Date:** December 1, 2023**Contract ID:** 15000-214819

Description: 0.28 mi of hot mix asphalt resurfacing and pavement markings on Front Street from Second Street to Pleasant Avenue and West Main Street to West Pine Street in the city of Boyne City, Charlevoix County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214819A	23A0949	N/A	STL 15000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$19,600.00	1100001	1.000	LSUM
0010	_ Machine Grading, Modified	2057002	12.000	Sta
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0020	Erosion Control, Silt Fence	2080036	2,400.000	Ft
0025	Aggregate Base	3020001	100.000	Ton
0030	Maintenance Gravel, LM	3060021	25.000	Cyd
0035	Shld, CI II, LM	3070123	10.000	Cyd
0040	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0045	Dr Structure, Temp Lowering	4030390	4.000	Ea
0050	HMA Surface, Rem	5010005	4,500.000	Syd
0055	Hand Patching	5010025	50.000	Ton
0060	HMA, 4EML	5012025	375.000	Ton
0065	HMA, 5EML	5012037	375.000	Ton
0070	Post, Steel, 3 pound	8100371	50.000	Ft
0075	Sign, Type IIIB	8100405	15.000	Sft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,000.000	Ft
0085	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,000.000	Ft
0090	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0105	Dust Palliative, Applied	8120100	5.000	Ton
0110	Minor Traf Devices	8120170	1.000	LSUM
0115	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0120	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0125	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft

0135	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0140	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0145	Slope Restoration, Non-Freeway, Type A	8162001	250.000	Syd
0150	Contractor Staking	8240001	1.000	LSUM
0155	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 064**Letting Date:** December 1, 2023**Contract ID:** 34000-209474

Description: 0.18 mi of streetscape and pedestrian safety improvements including widening of existing sidewalks expansion of curb bump-outs, tree and streetlight relocation or removal, addition of planter areas, signage and bike racks, and replacement of settled brick pavers, water main, sanitary sewer and city electrical system improvements along Kent Street from Academy Street to Grand River Avenue, Ionia County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209474A	23A0992	N/A	STUL 34000
217936A	23A1026	N/A	TAL 34000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$184,000.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	19.000	Ea
0015	_ Tree Grate, Rem	2027050	4.000	Ea
0020	Dr Structure, Rem	2030011	14.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	695.000	Ft
0030	Curb and Gutter, Rem	2040020	800.000	Ft
0035	Masonry and Conc Structure, Rem	2040045	200.000	Cyd
0040	Pavt, Rem	2040050	3,000.000	Syd
0045	_ Curb and Gutter, Rem, Modified	2047001	40.000	Ft
0050	_ Brick Paver, Rem	2047011	290.000	Syd
0055	_ Sidewalk, Rem, Modified	2047011	1,750.000	Syd
0060	Excavation, Earth	2050016	40.000	Cyd
0065	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0075	Flowable Fill, Non-Structural	2050148	25.000	Cyd
0080	_ Roadway Grading	2057002	10.000	Sta
0085	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0090	Subbase, CIP	3010002	2,130.000	Cyd
0095	Aggregate Base, 8 inch	3020020	4,520.000	Syd
0100	Maintenance Gravel	3060020	500.000	Ton
0105	Sewer, Cl A, 6 inch, Tr Det B	4020030	5.000	Ft
0110	Sewer, Cl A, 12 inch, Tr Det B	4020033	564.000	Ft
0115	Sewer, Cl A, 15 inch, Tr Det B	4020034	10.000	Ft
0120	Sewer, Cl A, 18 inch, Tr Det B	4020035	49.000	Ft

0125	Sewer, CI A, 24 inch, Tr Det B	4020036	70.000	Ft
0130	Sewer Tap, 6 inch	4021201	1.000	Ea
0135	Sewer Tap, 12 inch	4021204	1.000	Ea
0140	Sewer Tap, 15 inch	4021205	1.000	Ea
0145	Sewer Tap, 24 inch	4021207	1.000	Ea
0150	Trench Undercut and Backfill	4021260	150.000	Cyd
0155	Video Taping Sewer and Culv Pipe	4021275	700.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0165	Dr Structure Cover, Type B	4030010	1.000	Ea
0170	Dr Structure Cover, Type D	4030025	5.000	Ea
0175	Dr Structure Cover, Type K	4030050	12.000	Ea
0180	Dr Structure, 24 inch dia	4030200	7.000	Ea
0185	Dr Structure, 48 inch dia	4030210	7.000	Ea
0190	Dr Structure, 60 inch dia	4030220	1.000	Ea
0195	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0200	Dr Structure, Temp Lowering	4030390	1.000	Ea
0205	_ Dr Structure Cover, Type B, Modified	4037050	5.000	Ea
0210	_ Dr Structure Cover, Type Q, Modified	4037050	4.000	Ea
0215	_ Utility Structure Cover, Adj, Case 1	4037050	4.000	Ea
0220	Cold Milling HMA Surface	5010002	120.000	Syd
0225	HMA Surface, Rem	5010005	5,030.000	Syd
0230	HMA, 13A	5010033	1,110.000	Ton
0235	HMA Approach	5010061	10.000	Ton
0240	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	250.000	Syd
0245	Joint, Contraction, Cp	6020200	400.000	Ft
0250	Joint, Expansion, E2	6020207	300.000	Ft
0255	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	80.000	Syd
0260	Curb, Conc, Det E2	8020002	20.000	Ft
0265	Curb, Conc, Det E4	8020004	240.000	Ft
0270	Curb and Gutter, Conc, Det F3	8020037	130.000	Ft
0275	Curb and Gutter, Conc, Det F4	8020038	1,675.000	Ft
0280	Curb Ramp Opening, Conc	8030030	190.000	Ft
0285	Sidewalk, Conc, 6 inch	8030046	16,200.000	Sft
0290	Curb Ramp, Conc, 6 inch	8032002	2,100.000	Sft
0295	_ Detectable Warning Surface, Cast Iron	8037001	110.000	Ft
0300	_ Sidewalk, Conc, Decorative, 6 inch	8037010	5,050.000	Sft
0305	Sign, Type III, Rem	8100403	40.000	Ea
0310	Sign, Type IIIA	8100404	55.000	Sft
0315	Sign, Type IIIB	8100405	120.000	Sft
0320	_ Sign Post, Decorative, Type A	8107050	8.000	Ea
0325	_ Sign Post, Decorative, Type B	8107050	4.000	Ea
0330	_ Wayfinding Sign, One-Sided, Pole Mounted	8107050	2.000	Ea
0335	_ Wayfinding Sign, One-Sided, Post Mounted	8107050	3.000	Ea
0340	_ Wayfinding Sign, Pole Mounted, Rem	8107050	2.000	Ea
0345	_ Wayfinding Sign, Post Mounted, Rem	8107050	7.000	Ea

0350	_ Wayfinding Sign, Two-Sided, Post Mounted	8107050	5.000	Ea
0355	Pavt Mrkg, Waterborne, 4 inch, White	8110231	200.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,520.000	Ft
0365	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	260.000	Ft
0370	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	1,200.000	Ft
0375	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	100.000	Ft
0380	Recessing Pavt Mrkg, Transv	8110451	350.000	Sft
0385	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	605.000	Ft
0390	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	125.000	Ft
0395	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	80.000	Ft
0400	_ Pavt Mrkg, Waterborne, Accessible Sym, Blue	8117050	4.000	Ea
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	20.000	Ea
0420	Dust Palliative, Applied	8120100	10.000	Ton
0425	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	300.000	Ft
0435	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0445	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0455	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
0465	Traf Regulator Control	8120370	1.000	LSUM
0470	Pedestrian Path, Temp	8122250	2,000.000	Ft
0475	Site Preparation, Max \$4,000	8150001	1.000	LSUM
0480	Watering and Cultivating, First Season, Min \$2,000	8150002	1.000	LSUM
0485	Watering and Cultivating, 2nd Season, Min \$2,000	8150003	1.000	LSUM
0490	Liriope muscari 'Big Blue', #1 cont.	8152188	55.000	Ea
0495	Pennisetum alopecuroides 'Hameln', #1 cont.	8152639	39.000	Ea
0500	_ Acer rubrum 'Armstrong', 2 1/2 inch	8157050	7.000	Ea
0505	_ Bike Rack	8157050	2.000	Ea
0510	_ Coreopsis verticillata 'Moonbeam', #1 cont.	8157050	68.000	Ea
0515	_ Ginkgo biloba 'Goldspire', 2 1/2 inch	8157050	4.000	Ea
0520	_ Hemerocallis 'Forty Second Street', #1 cont.	8157050	17.000	Ea
0525	_ Hemerocallis 'Little Grapett', #1 cont.	8157050	17.000	Ea
0530	_ Hemerocallis 'Little Zinger', #1 cont.	8157050	17.000	Ea
0535	_ Hemerocallis 'Stella de Oro', #1 cont.	8157050	17.000	Ea
0540	_ Hemerocallis 'Sunday Gloves', #1 cont.	8157050	17.000	Ea
0545	_ Lavandula angustifolia 'Baby Blue', #1 cont.	8157050	111.000	Ea
0550	_ Planter Pot	8157050	10.000	Ea
0555	_ Rudbeckia hirta, #1 cont.	8157050	22.000	Ea

0560	_ Surface Mounted Bench	8157050	5.000	Ea
0565	_ Trash Receptacle	8157050	4.000	Ea
0570	_ Tree Grate	8157050	11.000	Ea
0575	_ Turf Establishment, Performance	8167011	300.000	Syd
0580	_ Utility Trenching	8187001	3,000.000	Ft
0585	Monument Box	8210001	3.000	Ea
0590	Monument Preservation	8210010	3.000	Ea
0595	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	5.000	Ft
0600	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	45.000	Ft
0605	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	90.000	Ft
0610	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	1,015.000	Ft
0615	_ Water Service, 1 inch	8237001	2,000.000	Ft
0620	_ Water Service, 2 inch	8237001	50.000	Ft
0625	_ 45 Deg Bend, 6 inch	8237050	12.000	Ea
0630	_ 45 Deg Bend, 8 inch	8237050	26.000	Ea
0635	_ 8 inch x 8 inch x 4 inch Tee	8237050	1.000	Ea
0640	_ 8 inch x 8 inch x 6 inch Tee	8237050	4.000	Ea
0645	_ 8 inch x 8 inch x 8 inch Tee	8237050	3.000	Ea
0650	_ Connect to Existing Water Main	8237050	5.000	Ea
0655	_ Corp Stop, Curb Stop and Box, 1 inch	8237050	48.000	Ea
0660	_ Corp Stop, Curb Stop and Box, 2 inch	8237050	1.000	Ea
0665	_ Curb Box, Cover	8237050	26.000	Ea
0670	_ Curb Box, HH	8237050	7.000	Ea
0675	_ Cut and Plug Existing Water Main	8237050	5.000	Ea
0680	_ Gate Box, Adj	8237050	1.000	Ea
0685	_ Gate Box, Rem	8237050	4.000	Ea
0690	_ Gate Valve and Box, 4 inch	8237050	1.000	Ea
0695	_ Gate Valve and Box, 6 inch	8237050	4.000	Ea
0700	_ Gate Valve and Box, 8 inch	8237050	6.000	Ea
0705	_ Hydrant	8237050	4.000	Ea
0710	_ Hydrant Extension	8237050	1.000	Ea
0715	_ Reducer, 12 inch x 8 inch	8237050	1.000	Ea
0720	_ Reducer, 8 inch x 6 inch	8237050	2.000	Ea
0725	_ Remove Hydrant	8237050	4.000	Ea
0730	_ Water Service Connect	8237050	49.000	Ea
0735	_ Water Service Penetration	8237050	49.000	Ea
0740	_ Preconstruction Video Survey	8247051	1.000	LSUM
0745	_ San Sewer, 15 inch, Tr Det B	8257001	470.000	Ft
0750	_ San Sewer, 18 inch, Tr Det B	8257001	403.000	Ft
0755	_ San Sewer, 8 inch, Tr Det B	8257001	5.000	Ft
0760	_ Sanitary Lateral, 6 inch	8257001	1,570.000	Ft
0765	_ Dr Structure Tap, Sanitary, 15 inch	8257050	1.000	Ea
0770	_ San MH, 48 inch Dia	8257050	4.000	Ea
0775	_ San MH, Rem	8257050	1.000	Ea
0780	_ Sanitary Lateral, Reconnect	8257050	45.000	Ea

0785	_ Sewer Tap, Sanitary, 18 inch	8257050	1.000	Ea
0790	_ Sewer Tap, Sanitary, 8 inch	8257050	1.000	Ea
0795	_ Wye, 15 inch x 6 inch	8257050	13.000	Ea
0800	_ Wye, 18 inch x 6 inch	8257050	32.000	Ea
0805	_ Bypass Pumping, Sanitary Sewer	8257051	1.000	LSUM



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 065**Letting Date:** December 1, 2023**Contract ID:** 11000-206408

Description: 1.77 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, construct a shared-use path, guardrail and pavement markings on Red Arrow Highway from US-12 to Community Hall Road, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206408A	23A0835	N/A	STL 11000
218431A	23A0995	N/A	CM 11000
218728A	23A0975	N/A	NRT 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$335,900.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0025	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0030	Curb and Gutter, Rem	2040020	305.000	Ft
0035	Guardrail, Rem	2040035	4,184.000	Ft
0040	Gutter, Rem	2040040	223.000	Ft
0045	Pavt, Rem	2040050	1,325.000	Syd
0050	_ Pavt, Rem, Modified	2047011	7,049.000	Syd
0055	Subgrade Undercutting, Type II	2050041	80.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	80.000	Ft
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0070	Erosion Control, Silt Fence	2080036	17,570.000	Ft
0075	_ Aggregate Base, 6 inch, Modified	3027011	13,374.000	Syd
0080	_ Aggregate Base, 8 inch, Modified	3027011	3,622.000	Syd
0085	Shld, CI II, 4 inch	3070126	5,535.000	Syd
0090	_ Trenching, Modified	3077002	180.000	Sta
0095	Culv, CI A, 24 inch	4010134	100.000	Ft
0100	Culv, CI C, 24 inch	4010338	230.000	Ft
0105	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0110	Dr Structure Cover, Type E	4030035	1.000	Ea
0115	Dr Structure, Temp Lowering	4030390	2.000	Ea
0120	Cold Milling HMA Surface	5010002	38,194.000	Syd
0125	HMA Surface, Rem	5010005	7,424.000	Syd

0130	Pavt Joint and Crack Repr, Det 7	5010020	5,300.000	Ft
0135	Hand Patching	5010025	265.000	Ton
0140	HMA Approach	5010061	550.000	Ton
0145	HMA, 4EML	5012025	5,005.000	Ton
0150	HMA, 5EML	5012037	4,605.000	Ton
0155	_ Cold Milling HMA Surface, Modified	5017011	100.000	Syd
0160	_ Hand Patching, Modified	5017031	10.000	Ton
0165	_ Rub Rail	7097001	1,790.000	Ft
0170	_ Bridge Barrier Railing, Type 6, Modified	7117001	300.000	Ft
0175	_ Pedestrian Bridge Railing	7117001	104.000	Ft
0180	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	2,100.000	Ea
0185	_ Modular Block Wall	8007010	85.000	Sft
0190	Curb and Gutter, Conc, Det B2	8020016	543.000	Ft
0195	Detectable Warning Surface	8030010	170.000	Ft
0200	Curb Ramp Opening, Conc	8030030	170.000	Ft
0205	Curb Ramp, Conc, 6 inch	8032002	2,305.000	Sft
0210	Shared use Path, Grading	8060030	9,063.000	Ft
0215	Shared use Path, HMA	8060040	1,665.000	Ton
0220	Guardrail Approach Terminal, Type 2M	8070044	18.000	Ea
0225	Guardrail Reflector	8070080	162.000	Ea
0230	Post, Mailbox	8070095	10.000	Ea
0235	Guardrail Anch, Bridge, Det M1	8070130	8.000	Ea
0240	Guardrail, Type MGS-8, 72 inch Post	8072179	2,635.000	Ft
0245	_ Trail Guardrail	8077001	1,535.000	Ft
0250	Fence, Structure	8080110	1,960.000	Sft
0255	Post, Steel, 3 pound	8100371	1,018.000	Ft
0260	Sign, Type IA	8100392	51.000	Sft
0265	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0270	Sign, Type III, Rem	8100403	21.000	Ea
0275	Sign, Type IIIA	8100404	85.000	Sft
0280	Sign, Type IIIB	8100405	307.000	Sft
0285	Sign, Type III, Rem, Salv	8102003	8.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	602.000	Ft
0295	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Yellow	8110023	757.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	995.000	Ft
0305	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	21.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	1.000	Ea
0315	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	35.000	Ea
0320	Pavt Mrkg, Waterborne, 4 inch, White	8110231	17,635.000	Ft
0325	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	23,875.000	Ft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	52.000	Ea
0335	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	52.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0345	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0355	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	580.000	Ft
0360	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	35.000	Ft
0365	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	19,420.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	38,200.000	Ft
0375	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0380	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0385	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0395	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	15.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	15.000	Sft
0405	Traf Regulator Control	8120370	1.000	LSUM
0410	Riprap, Plain	8130010	97.000	Syd
0415	Slope Restoration, Non-Freeway, Type F	8162006	14,200.000	Syd
0420	_ Slope Restoration, Non-Freeway, Type G	8167011	950.000	Syd
0425	_ Pedestrian Crossing Unit	8197050	2.000	Ea
0430	Flsh Beacon, Controller and Cabinet, Solid State, Salv	8200069	1.000	Ea
0435	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 066**Letting Date:** December 1, 2023**Contract ID:** 13000-216925**Description:** 1.00 mi of hot mix asphalt surfacing. trenching, guardrail, signing and pavement markings on B Dr N from 28 Mile to 29 Mile, Calhoun County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216925A	24A0003	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$42,900.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	50.000	Ft
0015	Embankment, LM	2050011	500.000	Cyd
0020	Aggregate Base	3020001	1,266.000	Ton
0025	Approach, CI II	3070021	4.000	Ton
0030	Trenching	3070200	105.000	Sta
0035	Cold Milling HMA Surface	5010002	507.000	Syd
0040	Edge Trimming	5010009	10,396.000	Ft
0045	HMA Approach	5010061	50.000	Ton
0050	HMA, 4EML	5012025	419.000	Ton
0055	HMA, 5EML	5012037	2,064.000	Ton
0060	Guardrail Reflector	8070080	6.000	Ea
0065	Guardrail, Curved, Type B, 72 inch Post	8072141	25.000	Ft
0070	Guardrail, Type B, 72 inch Post	8072171	25.000	Ft
0075	Post, Steel, 3 pound	8100371	308.000	Ft
0080	Sign, Type III, Rem	8100403	10.000	Ea
0085	Sign, Type IIIA	8100404	25.000	Sft
0090	Sign, Type IIIB	8100405	78.000	Sft
0095	Sign, Type V, Rem	8100421	1.000	Ea
0100	Sign, Type VB	8100425	8.000	Sft
0105	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	9,854.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	10,528.000	Ft
0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	106.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	106.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	845.000	Ft

0145	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0150	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	648.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	648.000	Sft
0165	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	30.000	Sft
0170	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	30.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	Slope Restoration, Non-Freeway, Type A	8162001	3,520.000	Syd
0185	Gate Box, Adj, Case 1	8230431	1.000	Ea



11/9/2023 7:51 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 067**Letting Date:** December 1, 2023**Contract ID:** 50031-214122

Description: Signal upgrades including includes box span, backplates, left turn phasing, dilemma zone detection and removal of night flash on various routes at multiple intersections, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214122A	23A0950	N/A	HSIP 50031
214123A	23A0951	N/A	HSIP 50031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$121,600.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	62.000	Syd
0015	Sidewalk, Conc, 4 inch	8030044	185.000	Sft
0020	_ Sidewalk Ramp, ADA, Modified	8037010	375.000	Sft
0025	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	420.000	Ea
0030	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	420.000	Ea
0035	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	Sign Cover	8120310	20.000	Ea
0055	Sign, Type B, Temp, Prismatic, Furn	8120350	470.000	Sft
0060	Sign, Type B, Temp, Prismatic, Oper	8120351	470.000	Sft
0065	Traf Regulator Control	8120370	1.000	LSUM
0070	_ Turf Establishment	8167011	50.000	Syd
0075	Conduit, Rem	8182000	30.000	Ft
0080	Conduit, DB, 1, 1 1/2 inch	8182048	195.000	Ft
0085	Conduit, DB, 1, 2 1/2 inch	8182049	65.000	Ft
0090	Conduit, DB, 1, 3 inch	8182050	185.000	Ft
0095	Conduit, DB, 4, 3 inch	8182059	135.000	Ft
0100	Cable, Sec, 600V, 1, 3/C#6	8182238	620.000	Ft
0105	Hh, Round, 3 foot dia	8182319	4.000	Ea
0110	Hh, Rem	8182330	3.000	Ea
0115	Wood Pole, Cl 4, 40 foot	8182351	1.000	Ea
0120	Serv Disconnect	8182366	4.000	Ea
0125	Serv Disconnect, Rem	8182367	1.000	Ea
0130	Wood Pole, Fit Up, TS Cable Pole	8182387	9.000	Ea

0135	_ Intersection Cable, Rem	8187051	1.000	LSUM
0140	_ Recable Intersection	8187051	1.000	LSUM
0145	Anchor Guy	8200001	11.000	Ea
0150	Case Sign, Rem	8200020	4.000	Ea
0155	Controller and Cabinet, Rem	8200030	4.000	Ea
0160	Fdn, Rem	8200065	1.000	Ea
0165	Splice Box, Rem	8200086	1.000	Ea
0170	Pedestal Fdn, Rem	8200106	1.000	Ea
0175	Pedestal, Rem	8200110	1.000	Ea
0180	Pushbutton, Rem	8200122	22.000	Ea
0185	Span Wire	8200140	19.000	Ea
0190	Span Wire, Rem	8200141	13.000	Ea
0195	Steel Pole, Rem	8200145	1.000	Ea
0200	Steel Pole, Rem (Embedded)	8200146	2.000	Ea
0205	Guy, Rem	8200167	3.000	Ea
0210	Strut Guy	8200168	4.000	Ea
0215	TS, Bracket Arm Mtd, Rem	8200175	11.000	Ea
0220	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0225	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	20.000	Ea
0230	TS, Pedestrian, Pedestal Mtd, Rem	8200181	11.000	Ea
0235	TS, Span Wire Mtd, Rem	8200182	14.000	Ea
0240	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	8.000	Ea
0245	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	10.000	Ea
0250	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	14.000	Ea
0255	Video Traf Detection Camera, Rem	8200384	15.000	Ea
0260	Bracket, Truss, Salv	8200385	10.000	Ea
0265	Bracket, Truss, Rem	8200388	16.000	Ea
0270	Hemispherical Video Detection Camera, Rem	8200446	1.000	Ea
0275	Strain Pole, Steel, 6 bolt, 30 foot	8200460	5.000	Ea
0280	Strain Pole Fdn, 6 Bolt	8200470	84.000	Ft
0285	Casing	8200480	69.000	Ft
0290	_ ATC Cabinet Fdn, 340	8207050	4.000	Ea
0295	_ ATC Cabinet Operational Test Certification	8207050	4.000	Ea
0300	_ ATC Cabinet, 340, 32 Output, Black	8207050	4.000	Ea
0305	_ ATC Controller	8207050	4.000	Ea
0310	_ Case Sign (LED), One Way, 24 inch by 30 inch, Black	8207050	1.000	Ea
0315	_ Case Sign (LED), Two Way, 24 inch by 30 inch, Black	8207050	2.000	Ea
0320	_ Detector, Relocate	8207050	2.000	Ea
0325	_ Hemispherical Video Detection Camera, Modified	8207050	18.000	Ea
0330	_ Hemispherical Video Detection System, Modified	8207050	10.000	Ea
0335	_ Pedestal and Fdn, Black	8207050	7.000	Ea
0340	_ Pushbutton and Sign, Black	8207050	29.000	Ea

0345	_ Pushbutton Post and Fdn, Black	8207050	7.000	Ea
0350	_ Radar Detection, Dilemma Zone	8207050	29.000	Ea
0355	_ Radar Detection, Rem	8207050	10.000	Ea
0360	_ RSU, Rem and Relocate	8207050	1.000	Ea
0365	_ Sign, Rem and Replace	8207050	8.000	Ea
0370	_ Span Wire Tether, Modified	8207050	21.000	Ea
0375	_ Span Wire, Adj	8207050	2.000	Ea
0380	_ Steel Truss Arm, Adj	8207050	2.000	Ea
0385	_ Steel Truss Arm, Steel Pole Mtd, 18 Foot, Black	8207050	4.000	Ea
0390	_ Steel Truss Arm, Steel Pole Mtd, 6 Foot, Black	8207050	2.000	Ea
0395	_ Steel Truss Arm, Wood Pole Mtd, 18 Foot, Black	8207050	6.000	Ea
0400	_ Street Name Sign, One Way, (LED) Illuminated, 8 foot, Black	8207050	1.000	Ea
0405	_ Street Name Sign, Two Way, (LED) Illuminated, 10 foot, Black	8207050	2.000	Ea
0410	_ Street Name Sign, Two Way, (LED) Illuminated, 6 foot, Black	8207050	4.000	Ea
0415	_ Street Name Sign, Two Way, (LED) Illuminated, 8 foot, Black	8207050	10.000	Ea
0420	_ TS, Backplate, 3 Sect	8207050	4.000	Ea
0425	_ TS, Backplate, 4 Sect	8207050	4.000	Ea
0430	_ TS, Backplate, 5 Sect	8207050	4.000	Ea
0435	_ TS, One Way Braket Mtd, Safety	8207050	1.000	Ea
0440	_ TS, One Way Span Wire Mtd, Safety	8207050	32.000	Ea
0445	_ TS, One Way Span Wire Mtd, Safety, FYA	8207050	10.000	Ea
0450	_ Wireless Interconnect, Access Point, Rem	8207050	1.000	Ea
0455	_ Wireless Interconnect, Integrated Radio	8207050	7.000	Ea
0460	_ Wireless Interconnect, Integrated Radio, Rem	8207050	7.000	Ea
0465	_ Fiber Optic, Cable, SMF 12F, Rem and Salv	8267001	200.000	Ft
0470	_ Fiber Optic, Cable, SMF, 12F, Misc to Cabinet	8267001	350.000	Ft
0475	_ Fiber Optic, Hardware Assembly, Cabinet, 12T, SFF	8267050	1.000	Ea
0480	_ Fiber Optic, Pigtail, Modified	8267050	4.000	Ea
0485	_ Fiber Optic, Splice	8267050	8.000	Ea



10/26/2023 8:10 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231201 208**Letting Date:** December 1, 2023**Contract ID:** 26021-212239

Description: 76.00 mi of culvert replacement, culvert lining, riprap, slope stabilization, ditch cleanout, culvert cleanout, scour countermeasures, guardrail installation and pavement marking on M-61 from west of Bard Road to west of the Gladwin/Bay County line, on M-30 from west of Stillwagon Road to north of Twin Lake Road, on M-20 from just west of 11 Mile Road to just west of 9 Mile Road and on M-18 from north of Coolidge Road to east of Shearer Road, Gladwin and Midland Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212239A	23A0961	N/A	ER 26021
212395A	23A0963	N/A	ER 26031
212433A	23A0964	N/A	ER 56021
212501A	23A0965	N/A	ER 26011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	2,000.000	Dlr
0010	Mobilization, Max \$461,000.00	1100001	1.000	LSUM
0015	Clearing	2010001	1.480	Acre
0020	_ Clearing, Fence, Spec	2017002	1.000	Sta
0025	_ Clearing, Spec	2017012	0.400	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0035	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0045	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	15.000	Ea
0055	Culv, Rem, Over 48 inch	2030003	3.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	8.000	Ea
0065	Culv, End, Rem, 24 inch to 48 inch	2030006	9.000	Ea
0070	Dr Structure, Abandon	2030010	1.000	Ea
0075	Sewer, Rem, Less than 24 inch	2030015	16.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	4.000	Ft
0085	Curb and Gutter, Rem	2040020	38.000	Ft
0090	Fence, Rem	2040025	337.000	Ft
0095	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0100	Exploratory Investigation, Vertical	2040080	70.000	Ft
0105	Backfill, Swamp	2050001	210.000	Cyd
0110	Ditch Cleanout	2050006	34.000	Sta
0115	Embankment, CIP	2050010	4,534.000	Cyd

0120	Excavation, Channel	2050015	270.000	Cyd
0125	Excavation, Earth	2050016	9,203.000	Cyd
0130	Excavation, Peat	2050017	210.000	Cyd
0135	Excavation, Rock	2050018	1.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	120.000	Cyd
0145	Subgrade Undercutting, Type II	2050041	430.000	Cyd
0150	Backfill, Structure, CIP	2060002	361.000	Cyd
0155	Aggregate	2060005	30.000	Cyd
0160	Excavation, Fdn	2060010	631.000	Cyd
0165	Erosion Control, Check Dam, Stone	2080012	1,262.000	Ft
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0175	Erosion Control, Maintenance, Sediment Rem	2080026	143.000	Cyd
0180	Erosion Control, Sand Bag	2080028	170.000	Ea
0185	Erosion Control, Sediment Basin	2080032	115.000	Cyd
0190	Erosion Control, Sediment Trap	2080034	65.000	Ea
0195	Erosion Control, Silt Fence	2080036	10,385.000	Ft
0200	_ Liner, PVC, 30 mil, Spec	2087011	297.000	Syd
0205	Subbase, CIP	3010002	2,253.000	Cyd
0210	Aggregate Base, 6 inch	3020016	8,149.000	Syd
0215	Maintenance Gravel	3060020	255.000	Ton
0220	Driveway Maintenance, Residential	3062001	9.000	Ea
0225	Intersection Maintenance	3062002	6.000	Ea
0230	Shld, CI II, 4 inch	3070126	4,335.000	Syd
0235	Shld, CI II, 4 inch, Temp	3070181	1,122.000	Syd
0240	_ Shld, CI II, 6 1/2 inch	3077011	1,006.000	Syd
0245	Geotextile, Separator, Non-Woven	3082000	767.000	Syd
0250	Culv End Sect, 12 inch	4010012	2.000	Ea
0255	Culv End Sect, 15 inch	4010015	2.000	Ea
0260	Culv End Sect, 24 inch	4010024	2.000	Ea
0265	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0270	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0275	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0280	Culv End Sect, Conc, 36 inch	4010053	3.000	Ea
0285	Culv End Sect, Footing	4010072	23.000	Ea
0290	Culv, CI A, 42 inch	4010137	74.000	Ft
0295	Culv, CI B, 48 inch	4010240	120.000	Ft
0300	Culv, CI B, 66 inch	4010243	68.000	Ft
0305	Culv, CI B, 72 inch	4010244	168.000	Ft
0310	Culv, CI B, Conc, 36 inch	4010272	106.000	Ft
0315	Culv, CI E, 15 inch	4010540	8.000	Ft
0320	Culv, CI E, 18 inch	4010541	12.000	Ft
0325	Culv, CI E, 24 inch	4010542	24.000	Ft
0330	Culv, CI E, 36 inch	4010544	64.000	Ft
0335	Culv, CI E, 54 inch	4010547	75.000	Ft

0340	Culv, CI E, Conc, 36 inch	4010578	76.000	Ft
0345	Culv, CI F, 12 inch	4010607	24.000	Ft
0350	Culv, Reinf Conc Ellip, HE CI A, 38 inch by 60 inch	4010815	54.000	Ft
0355	Culv, Reinf Conc Ellip, HE CI II, 58 inch by 91 inch	4010865	105.000	Ft
0360	Culv, Reinf Conc Ellip, HE CI IV, 24 inch by 38 inch	4010904	136.000	Ft
0365	Culv, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch	4010905	49.000	Ft
0370	Culv, Reinf Conc Ellip, HE CI IV, 34 inch by 53 inch	4010906	111.000	Ft
0375	Culv, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch	4010907	49.000	Ft
0380	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	10.000	Ea
0385	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	3.000	Ea
0390	Culv, Slp End Sect, 1 on 4, 42 inch, Longit	4010931	2.000	Ea
0395	Culv, Slp End Sect, 1 on 4, 54 inch, Transv	4010936	2.000	Ea
0400	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 24 inch by 38 inch, Transv	4011056	4.000	Ea
0405	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 27 inch by 42 inch, Transv	4011058	2.000	Ea
0410	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Transv	4011060	2.000	Ea
0415	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Longit	4011061	2.000	Ea
0420	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Transv	4011062	2.000	Ea
0425	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	4.000	Ea
0430	Dr Marker Post	4011109	57.000	Ea
0435	_ Culv Cleanout, Spec	4017001	3,588.000	Ft
0440	_ Culv, Reinf Conc Ellip, HE CL IV, 27 inch by 42 inch	4017001	64.000	Ft
0445	_ Culv, Reinf Conc Ellip, HE CI IV, 58 inch by 91 inch	4017001	96.000	Ft
0450	_ Cured-In-Place Pipe Lining, 12 inch	4017001	113.000	Ft
0455	_ Culv End Sect, 48 inch	4017050	2.000	Ea
0460	_ Culv End Sect, 66 inch	4017050	2.000	Ea
0465	_ Culv End Sect, 72 inch	4017050	4.000	Ea
0470	_ Culv End Sect, Conc, Ellip Pipe, 58 inch x 91 inch	4017050	4.000	Ea
0475	_ Culvert Joint and Crack Sealing (212239-27)	4017051	1.000	LSUM
0480	Sewer, CI A, 12 inch, Tr Det B	4020033	108.000	Ft
0485	Trench Undercut and Backfill	4021260	110.000	Cyd
0490	Video Taping Sewer and Culv Pipe	4021275	1,606.000	Ft
0495	_ Storm Sewer Cleanout	4027001	203.000	Ft
0500	Dr Structure Cover, Type B	4030010	1.000	Ea
0505	Dr Structure, 48 inch dia	4030210	1.000	Ea
0510	Dr Structure, Cleaning	4030290	1.000	Ea
0515	Underdrain, Fdn, 6 inch	4040033	176.000	Ft
0520	Underdrain Outlet, 6 inch	4040093	49.000	Ft
0525	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0530	Video Inspection of Underdrain	4040200	467.000	Ft
0535	Culv Bedding, Box Culv	4060005	96.000	Cyd
0540	_ Culv, Precast Conc Box, 8 foot by 5.5 foot	4067001	87.000	Ft

0545	HMA Surface, Rem	5010005	6,734.000	Syd
0550	HMA Quality Initiative	5010007	644.000	Dlr
0555	HMA Approach	5010061	905.000	Ton
0560	HMA, 4EL	5012024	482.000	Ton
0565	HMA, 5EL	5012036	482.000	Ton
0570	Steel Sheet Piling, Temp, Left in Place	7040003	1,640.000	Sft
0575	_ Bypass Pumping	7047050	9.000	Ea
0580	_ Construction Dam	7047050	4.000	Ea
0585	Joint Waterproofing	7100001	30.000	Sft
0590	Curb and Gutter, Conc, Det B2	8020016	38.000	Ft
0595	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0600	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0605	Guardrail Reflector	8070080	30.000	Ea
0610	Post, Mailbox	8070095	21.000	Ea
0615	Guardrail, Reconst, Type B	8070105	125.000	Ft
0620	Guardrail, Reconst, Type T	8070109	33.000	Ft
0625	Guardrail, Long Span, Det MGS-3	8072123	2.000	Ea
0630	Guardrail, Curved, Type B-CRT	8072154	50.000	Ft
0635	Guardrail, Type MGS-8, 72 inch Post	8072179	107.000	Ft
0640	Guardrail, Type MGS-8, 108 inch Post	8072180	210.000	Ft
0645	Barbed Wire	8080003	1,760.000	Ft
0650	Fence, Moving	8080120	25.000	Ft
0655	Fence Post	8080130	50.000	Ea
0660	Delineator Reflector, Green	8100133	4.000	Ea
0665	Delineator, Rem	8100349	6.000	Ea
0670	Post, Flexible, Delineator	8100360	4.000	Ea
0675	Post, Steel, 3 pound	8100371	118.000	Ft
0680	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0685	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0690	Sign, Type III, Rem	8100403	3.000	Ea
0695	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0700	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0705	Ground Mtd Sign Support, Rem	8102010	3.000	Ea
0710	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,932.000	Ft
0715	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,538.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	7,516.000	Ft
0725	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,397.000	Ft
0730	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0735	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	77.000	Ea
0740	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	77.000	Ea
0745	Conc Barrier Ending, Temp, Det 2, Adj	8120040	6.000	Ea
0750	Conc Barrier Ending, Temp, Det 2, Furn	8120041	6.000	Ea
0755	Conc Barrier Ending, Temp, Det 2, Oper	8120042	6.000	Ea

0760	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	4.000	Ea
0765	Conc Barrier Ending, Temp, Det 5, Adj	8120060	6.000	Ea
0770	Conc Barrier Ending, Temp, Det 5, Furn	8120061	6.000	Ea
0775	Conc Barrier Ending, Temp, Det 5, Oper	8120062	6.000	Ea
0780	Conc Barrier Ending, Temp, Det 5, Relocated	8120063	4.000	Ea
0785	Conc Barrier, Temp, Adj	8120080	1,600.000	Ft
0790	Conc Barrier, Temp, Furn	8120081	1,000.000	Ft
0795	Conc Barrier, Temp, Oper	8120082	1,000.000	Ft
0800	Conc Barrier, Temp, Relocated	8120083	600.000	Ft
0805	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0810	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0815	Minor Traf Devices	8120170	1.000	LSUM
0820	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	7,200.000	Ft
0825	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,400.000	Ft
0830	Plastic Drum, Fluorescent, Furn	8120252	454.000	Ea
0835	Plastic Drum, Fluorescent, Oper	8120253	454.000	Ea
0840	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	192.000	Ft
0845	PTS, Temp, Furn	8120272	5.000	Ea
0850	PTS, Temp, Oper	8120273	5.000	Ea
0855	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0860	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0865	Sign, Type B, Temp, Prismatic, Furn	8120350	10,344.000	Sft
0870	Sign, Type B, Temp, Prismatic, Oper	8120351	10,344.000	Sft
0875	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	424.000	Sft
0880	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	424.000	Sft
0885	Traf Regulator Control	8120370	1.000	LSUM
0890	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	12,800.000	Ft
0895	Rumble Strip, Temp, Portable, Furn	8122188	36.000	Ea
0900	Rumble Strip, Temp, Portable, Oper	8122189	36.000	Ea
0905	Riprap, Plain	8130010	2,206.000	Syd
0910	_ Riprap, Spec, Class II	8137011	804.000	Syd
0915	Turf Reinforcement Mat	8162000	100.000	Syd
0920	Slope Restoration, Non-Freeway, Type A	8162001	1,926.000	Syd
0925	Slope Restoration, Non-Freeway, Type B	8162002	2,091.000	Syd
0930	Slope Restoration, Non-Freeway, Type C	8162003	2,440.000	Syd
0935	Slope Restoration, Non-Freeway, Type D	8162004	3,051.000	Syd
0940	Slope Restoration, Non-Freeway, Type E	8162005	12,662.000	Syd
0945	Slope Restoration, Non-Freeway, Type F	8162006	2,392.000	Syd
0950	_ Slope Restoration, Non-Freeway, Type G	8167011	639.000	Syd
0955	Monument Box Adj	8210005	1.000	Ea
0960	Monument Preservation	8210010	2.000	Ea
0965	Protect Corners	8210020	3.000	Ea

0970	Contractor Staking	8240001	1.000	LSUM
0975	Staking Plan Errors and Extras, Max \$180/hour	8240002	57.000	Hr

Section: 2

0980	_ Culv, Reinf Conc Ellip, HE CI IV, 72 inch by 113 inch	4017001	83.000	Ft
0985	_ Conc, Pipe End	4017050	2.000	Ea
0990	Underdrain, Fdn, 4 inch	4040031	162.000	Ft
0995	Underdrain Outlet, 4 inch	4040091	80.000	Ft
1000	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
