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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 001**Letting Date:** November 3, 2023**Contract ID:** 70000-206352

Description: 0.11 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, curb ramps, signing and pavement markings on 32nd Avenue from New Holland Street northerly to north of New Holland Street in the city of Hudsonville, Ottawa 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
206352A	23A0856	N/A	CM 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$29,200.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	700.000	Ft
0015	Pavt, Rem	2040050	150.000	Syd
0020	Sidewalk, Rem	2040055	410.000	Syd
0025	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0030	_ Roadway Grading	2057002	4.000	Sta
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0040	Erosion Control, Silt Fence	2080036	100.000	Ft
0045	Subbase, CIP	3010002	1,050.000	Cyd
0050	Aggregate Base, 8 inch	3020020	2,900.000	Syd
0055	Trench Undercut and Backfill	4021260	10.000	Cyd
0060	Dr Structure, Tap, 4 inch	4030304	2.000	Ea
0065	Dr Structure, Temp Lowering	4030390	2.000	Ea
0070	_ Dr Structure Cover, Adj, Case 1, Special	4037050	2.000	Ea
0075	Underdrain, Subbase, 4 inch	4040061	625.000	Ft
0080	HMA Surface, Rem	5010005	2,400.000	Syd
0085	HMA, 4EML	5012025	680.000	Ton
0090	Driveway, Nonreinf Conc, 6 inch	8010005	90.000	Syd
0095	Curb and Gutter, Conc, Det F4	8020038	700.000	Ft
0100	Curb Ramp Opening, Conc	8030030	48.000	Ft
0105	Sidewalk, Conc, 4 inch	8030044	3,100.000	Sft
0110	Sidewalk, Conc, 6 inch	8030046	280.000	Sft
0115	Curb Ramp, Conc, 4 inch	8032001	250.000	Sft
0120	Curb Ramp, Conc, 6 inch	8032002	210.000	Sft
0125	_ Detectable Warning Surface, DI	8037001	30.000	Ft
0130	Post, Mailbox	8070095	1.000	Ea

0135	Post, Steel, 3 pound	8100371	28.000	Ft
0140	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0145	Sign, Type III, Rem	8100403	6.000	Ea
0150	Sign, Type IIIA	8100404	1.000	Sft
0155	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	500.000	Ft
0160	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	120.000	Ft
0165	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,000.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,800.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,000.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,800.000	Ft
0185	Rem Spec Mrkg	8110343	140.000	Sft
0190	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
0195	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0200	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	1.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0215	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	110.000	Ea
0225	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	110.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0235	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0245	Pavt Mrkg Cover, Type R, Black	8120200	4,200.000	Ft
0250	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,800.000	Ft
0260	Sign Cover	8120310	2.000	Ea
0265	Sign, Type B, Temp, Prismatic, Furn	8120350	550.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	550.000	Sft
0275	Traf Regulator Control	8120370	1.000	LSUM
0280	_ Turf Restoration	8167011	1,000.000	Syd
0285	_ Light, Rem, Salv, Reinstall	8197050	1.000	Ea
0290	_ Ped Signal, Rem, Salv, Reinstall	8197050	1.000	Ea
0295	Monument Box	8210001	1.000	Ea
0300	Monument Box Adj	8210005	1.000	Ea
0305	Monument Preservation	8210010	1.000	Ea
0310	Gate Box, Adj, Temp, Case 1	8230391	4.000	Ea
0315	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	16.000	Ft
0320	_ Bend, 45 Deg, 6 inch	8237050	4.000	Ea
0325	_ Fire Hydrant, Modified	8237050	1.000	Ea
0330	_ Hydrant, Rem,Modified	8237050	1.000	Ea
0335	_ Water Main Tap, 6 inch	8237050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 002**Letting Date:** November 3, 2023**Contract ID:** 47000-214118**Description:** Signal modernization on Grand River Avenue at St. Joseph Mercy Health Center Drive, Livingston County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214118A	23A0810	N/A	HSIP 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$18,800.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	7.000	Syd
0015	Exploratory Investigation, Vertical	2040080	12.000	Ft
0020	Excavation, Earth	2050016	1.000	Cyd
0025	Aggregate Base, 4 inch	3020010	7.000	Syd
0030	Curb Ramp, Conc, 6 inch	8032002	55.000	Sft
0035	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0055	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0060	Sign Cover	8120310	8.000	Ea
0065	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0070	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0075	Traf Regulator Control	8120370	1.000	LSUM
0080	Slope Restoration, Non-Freeway, Type A	8162001	9.000	Syd
0085	Conduit, Rem	8182000	5.000	Ft
0090	Conduit, DB, 1, 1 1/2 inch	8182048	52.000	Ft
0095	Conduit, DB, 3, 3 inch	8182056	27.000	Ft
0100	Conduit, DB, 4, 3 inch	8182059	11.000	Ft
0105	Cable Pole, TS and Sec, Dismant	8182209	1.000	Ea
0110	Cable, Sec, 600V, 1, 3/C#6	8182238	75.000	Ft
0115	Hh, Round	8182310	2.000	Ea
0120	Hh, Round, 3 foot dia	8182319	1.000	Ea
0125	Hh, Rem	8182330	3.000	Ea
0130	Serv Disconnect	8182366	1.000	Ea
0135	Serv Disconnect, Rem	8182367	1.000	Ea
0140	Case Sign, Disappearing Legend, 24 inch by 30 inch	8200015	3.000	Ea

0145	Case Sign, Rem	8200020	3.000	Ea
0150	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0155	Controller and Cabinet, Rem	8200030	1.000	Ea
0160	Controller Fdn, Base Mtd	8200045	1.000	Ea
0165	Pedestal, Alum	8200100	2.000	Ea
0170	Pedestal Fdn, Rem	8200106	1.000	Ea
0175	Pedestal, Rem	8200110	3.000	Ea
0180	Pushbutton and Sign	8200121	2.000	Ea
0185	Pushbutton, Rem	8200122	4.000	Ea
0190	Span Wire	8200140	4.000	Ea
0195	Span Wire, Rem	8200141	1.000	Ea
0200	Span Wire Tether	8200142	4.000	Ea
0205	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
0210	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0215	TS, Span Wire Mtd, Rem	8200182	5.000	Ea
0220	Cabinet, NEMA Type	8200186	1.000	Ea
0225	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0230	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0235	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
0240	TS, 4th Level, LTGA (LED)	8200329	2.000	Ea
0245	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	1.000	Ea
0250	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0255	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0260	Bracket, Truss, with 18 foot Arm	8200378	2.000	Ea
0265	Video Traf Detection System	8200380	1.000	Ea
0270	Video Traf Detection Camera, Span Wire Mtd	8200437	2.000	Ea
0275	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
0280	Strain Pole Fdn, 6 Bolt	8200470	39.000	Ft
0285	Casing	8200480	29.000	Ft
0290	Backplate, TS	8200501	10.000	Ea
0295	Multi-Sensor Vehicle Detection System	8200532	1.000	Ea
0300	Multi-Sensor Vehicle Detection Sensor	8200535	2.000	Ea
0305	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0310	Contractor Staking	8240001	1.000	LSUM
0315	Staking Plan Errors and Extras, Max \$180/hour	8240002	3.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 231103 003**Letting Date:** November 3, 2023**Contract ID:** 47000-214663**Description:** Signal modernization on Grand River Avenue at Burkhart Street, Livingston County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214663A	23A0813	N/A	HSIP 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$18,000.00	1100001	1.000	LSUM
0010	Exploratory Investigation, Vertical	2040080	12.000	Ft
0015	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0020	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0025	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0030	Minor Traf Devices	8120170	1.000	LSUM
0035	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0040	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0045	Sign Cover	8120310	8.000	Ea
0050	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0055	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0060	Traf Regulator Control	8120370	1.000	LSUM
0065	Conduit, DB, 1, 1 1/2 inch	8182048	33.000	Ft
0070	Conduit, DB, 3, 3 inch	8182056	21.000	Ft
0075	Conduit, DB, 4, 3 inch	8182059	12.000	Ft
0080	Cable, Sec, 600V, 1, 3/C#6	8182238	150.000	Ft
0085	Hh, Round	8182310	2.000	Ea
0090	Hh, Round, 3 foot dia	8182319	1.000	Ea
0095	Hh, Rem	8182330	4.000	Ea
0100	Serv Disconnect	8182366	1.000	Ea
0105	Steel Pole, Fit Up, TS Cable Pole	8182397	1.000	Ea
0110	Case Sign, Rem	8200020	1.000	Ea
0115	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0120	Controller and Cabinet, Rem	8200030	1.000	Ea
0125	Controller Fdn, Base Mtd	8200045	1.000	Ea
0130	Span Wire	8200140	4.000	Ea
0135	Span Wire, Rem	8200141	1.000	Ea

0140	Span Wire Tether	8200142	4.000	Ea
0145	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0150	Cabinet, NEMA Type	8200186	1.000	Ea
0155	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0160	TS, One Way Bracket Arm Mtd (LED)	8200333	4.000	Ea
0165	Bracket, Truss, with 18 foot Arm	8200378	4.000	Ea
0170	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0175	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
0180	Strain Pole Fdn, 6 Bolt	8200470	45.000	Ft
0185	Casing	8200480	34.000	Ft
0190	Backplate, TS	8200501	12.000	Ea
0195	Multi-Sensor Vehicle Detection System	8200532	1.000	Ea
0200	Multi-Sensor Vehicle Detection Sensor	8200535	4.000	Ea
0205	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0210	Contractor Staking	8240001	1.000	LSUM
0215	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 231103 004**Letting Date:** November 3, 2023**Contract ID:** 61000-217939

Description: 0.68 mi of hot mix asphalt shared-use path including base crushing and shaping and trenching for path widening on Hart-Montague Trail from White River to Stanton, including spur from the Hart-Montague Trail to Dowling in the city of Montague, Muskegon 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
217939A	23A0846	N/A	CRSM 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$19,300.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	16.000	Ft
0015	Sidewalk, Rem	2040055	21.000	Syd
0020	Erosion Control, Silt Fence	2080036	500.000	Ft
0025	Aggregate Base	3020001	130.000	Ton
0030	HMA Base Crushing and Shaping	3050002	4,880.000	Syd
0035	Salv Crushed Material, LM	3050015	20.000	Cyd
0040	Trenching	3070200	10.000	Sta
0045	HMA Surface, Rem	5010005	124.000	Syd
0050	Hand Patching	5010025	2.000	Ton
0055	Conc Base Cse, Nonreinf, 6 inch	6020015	4.000	Syd
0060	Curb Ramp Opening, Conc	8030030	16.000	Ft
0065	Sidewalk, Conc, 6 inch	8030046	122.000	Sft
0070	Curb Ramp, Conc, 6 inch	8032002	151.000	Sft
0075	_ Detectable Warning Surface, Modified	8037001	12.000	Ft
0080	Shared use Path, HMA	8060040	455.000	Ton
0085	_ Shared use Path, HMA Snowmobile Wearing Cse, Spec	8067031	455.000	Ton
0090	Post, Wood, 4 inch by 6 inch	8100380	40.000	Ft
0095	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0100	Sign, Type III, Rem	8100403	4.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0115	Pedestrian Type II Barricade, Temp	8120026	28.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea

0125	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0135	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0150	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	266.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	266.000	Sft
0165	_ Slope Restoration	8167011	3,310.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 231103 005

Letting Date: November 3, 2023

Contract ID: 13000-209352

Description: 1.11 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps and pavement markings on Railroad Street from Main Street to Elm Street, Elm Street from Railroad Street to Clinton Street, and Clinton Street from Elm Street to Main Street in the village of Tekonsha, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209352A	23A0797	N/A	STL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$20,000.00	1100001	1.000	LSUM
0010	Excavation, Earth	2050016	80.000	Cyd
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0020	Aggregate Base, 3 inch	3020008	1,560.000	Syd
0025	Aggregate Base, 10 inch	3020026	160.000	Syd
0030	HMA Base Crushing and Shaping	3050002	2,300.000	Syd
0035	_ Shld, Cl II, Modified	3077031	600.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	17.000	Ea
0045	Dr Structure, Temp Lowering	4030390	4.000	Ea
0050	_ Dr Structure, 60 inch dia, Modified	4037050	3.000	Ea
0055	HMA Surface, Rem	5010005	160.000	Syd
0060	HMA, 13A	5010033	270.000	Ton
0065	HMA, 36A	5010034	2,300.000	Ton
0070	Seal, Single Chip	5050001	16,200.000	Syd
0075	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0080	Detectable Warning Surface	8030010	30.000	Ft
0085	Curb Ramp, Conc, 6 inch	8032002	200.000	Sft
0090	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,600.000	Ft
0095	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	11,000.000	Ft
0100	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	4.000	Ea
0105	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	160.000	Ft
0110	Pavt Mrkg, Thermopl, 18 inch, Stop Bar	8110217	52.000	Ft
0115	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0120	_ Pavt Mrkg, Polyurea, For On Street Parking, Blue	8117001	350.000	Ft
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0145	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0165	Mulch	8160025	1,200.000	Syd
0170	Seeding, Mixture TGM	8160038	50.000	Lb
0175	Topsoil Surface, Furn, 4 inch	8160062	1,200.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 231103 006**Letting Date:** November 3, 2023**Contract ID:** 82000-218395

Description: 0.87 mi of concrete pavement, curb ramps, guardrail, signing and pavement markings on Base Line Road from Woodcreek Boulevard easterly to Orchard Hill Place in the city of Novi, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218395A	23A0907	N/A	ST 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$400,600.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	36.000	Ft
0015	Fence, Rem	2040025	310.000	Ft
0020	Guardrail, Rem	2040035	883.000	Ft
0025	Pavt, Rem	2040050	34,221.000	Syd
0030	Sidewalk, Rem	2040055	380.000	Syd
0035	_ Culvert Cleanout	2047001	100.000	Ft
0040	_ Misc Obstruction, Rem	2047021	1.000	Cyd
0045	Excavation, Earth	2050016	700.000	Cyd
0050	_ Embankment, CIP, Modified	2057021	400.000	Cyd
0055	_ Subgrade Undercutting, Type IV, Modified	2057021	500.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	37.000	Ea
0065	Erosion Control, Silt Fence	2080036	1,330.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0075	Aggregate Base, Conditioning, Surplus and Unsuitable, Rem, LM	3022000	450.000	Cyd
0080	Salv Aggregate Base, Conditioning, LM	3022005	225.000	Cyd
0085	_ Aggregate Base, 1 inch, Modified	3027011	119.000	Syd
0090	_ Aggregate Base, Conditioning, Modified	3027011	14,732.000	Syd
0095	Dr Structure, Cleaning	4030290	37.000	Ea
0100	Dr Structure, Temp Lowering	4030390	1.000	Ea
0105	_ Dr Structure Reconstruct	4037001	4.000	Ft
0110	_ Dr Structure Cover, Adj	4037050	35.000	Ea
0115	_ Dr Structure Cover, Adj, Furn Cover A	4037050	1.000	Ea
0120	_ Dr Structure Cover, Adj, Furn Cover S	4037050	2.000	Ea
0125	_ San Structure Cover, Adj	4037050	1.000	Ea
0130	HMA Surface, Rem	5010005	240.000	Syd
0135	_ Misc HMA Approach	5017031	14.000	Ton

0140	Joint, Contraction, Cp	6020200	15,465.000	Ft
0145	Joint, Expansion, E2	6020207	1,683.000	Ft
0150	Pavt Gapping	6020215	525.000	Ft
0155	_ Cold Weather Protection, Conc Pavt	6027011	32,446.000	Syd
0160	_ Conc Pavt, Nonreinf, 6 inch, Modified	6027011	14.000	Syd
0165	_ Conc Pavt, Nonreinf, 8 inch, Modified	6027011	134.000	Syd
0170	_ Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	32,446.000	Syd
0175	Joint, Contraction, Crg	6030020	117.000	Ft
0180	Joint, Expansion, Erg	6030021	126.000	Ft
0185	Lane Tie, Epoxy Anchored	6030030	91.000	Ea
0190	Detectable Warning Surface	8030010	88.000	Ft
0195	Curb Ramp Opening, Conc	8030030	120.000	Ft
0200	Sidewalk, Conc, 4 inch	8030044	2,554.000	Sft
0205	Curb Ramp, Conc, 4 inch	8032001	608.000	Sft
0210	_ Curb Ramp, Conc, 8 inch	8037010	168.000	Sft
0215	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0220	Guardrail Reflector	8070080	38.000	Ea
0225	Guardrail, Type MGS-8, 72 inch Post	8072179	315.000	Ft
0230	Guardrail, Type MGS-8D, 72 inch Post	8072181	568.000	Ft
0235	Fence, Chain Link, 48 inch	8080011	310.000	Ft
0240	_ Field Office	8097043	3.000	Mo
0245	Sign, Type III, Erect, Salv	8100402	20.000	Ea
0250	_ Sign, Type B, Perm	8107010	300.000	Sft
0255	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	300.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	150.000	Ft
0265	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0275	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,000.000	Ft
0280	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	12,500.000	Ft
0285	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	16,500.000	Ft
0290	Rem Spec Mrkg	8110343	800.000	Sft
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	88.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	88.000	Ea
0305	Pedestrian Type II Barricade, Temp	8120026	13.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0315	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0325	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	17,000.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	30,000.000	Ft
0335	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0345	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea

0350	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	6,000.000	Ft
0355	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	13,000.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
0365	Sign Cover	8120310	4.000	Ea
0370	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0375	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	967.000	Sft
0385	Sign, Type B, Temp, Prismatic, Oper	8120351	967.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	146.000	Sft
0395	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	146.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0405	_ Riprap, Plain, Modified	8137011	1.000	Syd
0410	Topsoil Surface, Furn, 2 inch	8160060	4,400.000	Syd
0415	Water, Sodding/Seeding	8160090	140.000	Unit
0420	_ Sodding, Modified	8167011	4,400.000	Syd
0425	_ Turf Grading	8167011	4,400.000	Syd
0430	TS Head, Adj	8200452	2.000	Ea
0435	TS Head, Temp	8200453	2.000	Ea
0440	TS Face, Bag	8200458	16.000	Ea
0445	TS Face, Bag, Rem	8200459	15.000	Ea
0450	Monument Box Adj	8210005	3.000	Ea
0455	Monument Preservation	8210010	3.000	Ea
0460	Protect Corners	8210020	3.000	Ea
0465	Staking Plan Errors and Extras, Max \$180/hour	8240002	32.000	Hr
0470	_ Contractor Staking, Modified	8247051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 231103 007**Letting Date:** November 3, 2023**Contract ID:** 82061-209401

Description: 1.00 mi of pedestrian safety improvements including installation of signals, sidewalk ramp upgrades and pavement markings on US-12 from west of Haggerty Road to just west of Hannan Road, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209401A	23A0957	N/A	VRU 82061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	80.000	Dlr
0010	Mobilization, Max \$49,900.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	1.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	14.000	Ft
0025	Curb and Gutter, Rem	2040020	87.000	Ft
0030	Pavt, Rem	2040050	230.000	Syd
0035	Sidewalk, Rem	2040055	404.000	Syd
0040	Exploratory Investigation, Vertical	2040080	50.000	Ft
0045	Embankment, CIP	2050010	19.000	Cyd
0050	Excavation, Earth	2050016	233.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0060	Erosion Control, Silt Fence	2080036	350.000	Ft
0065	Project Cleanup	2090001	1.000	LSUM
0070	Subbase, CIP	3010002	53.000	Cyd
0075	Aggregate Base, 6 inch	3020016	162.000	Syd
0080	Sewer, Cl A, 12 inch, Tr Det B	4020033	12.000	Ft
0085	Sewer Tap, 12 inch	4021204	1.000	Ea
0090	Sewer Tap, 48 inch	4021211	1.000	Ea
0095	Dr Structure Cover, Type J	4030045	1.000	Ea
0100	Dr Structure, 72 inch dia	4030230	1.000	Ea
0105	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	5.000	Ft
0110	HMA Surface, Rem	5010005	17.000	Syd
0115	Conc Pavt, Misc, Nonreinf, 11 inch	6020060	82.000	Syd
0120	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	10.000	Syd
0125	Lane Tie, Epoxy Anchored	6030030	160.000	Ea
0130	Curb and Gutter, Conc, Det B1	8020015	99.000	Ft
0135	Curb and Gutter, Conc, Det F1	8020035	24.000	Ft

0140	Detectable Warning Surface	8030010	55.000	Ft
0145	Curb Ramp Opening, Conc	8030030	64.000	Ft
0150	Sidewalk, Conc, 4 inch	8030044	555.000	Sft
0155	Curb Ramp, Conc, 6 inch	8032002	1,139.000	Sft
0160	Fdn, Wood Support, Rem	8100280	2.000	Ea
0165	Post, Steel, 3 pound	8100371	252.000	Ft
0170	Post, Wood, 4 inch by 6 inch	8100380	28.000	Ft
0175	Sign, Type II, Rem	8100397	1.000	Ea
0180	Sign, Type IIA	8100398	20.000	Sft
0185	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0190	Sign, Type III, Rem	8100403	1.000	Ea
0195	Sign, Type IIIB	8100405	108.000	Sft
0200	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
0205	Sign, Type III, Rem, Salv	8102003	6.000	Ea
0210	Ground Mtd Sign Support, Rem	8102010	4.000	Ea
0215	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	692.000	Ft
0220	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,000.000	Ft
0225	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	100.000	Ft
0230	Rem Spec Mrkg	8110343	5.000	Sft
0235	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0245	Pedestrian Type II Barricade, Temp	8120026	13.000	Ea
0250	Pedestrian Type II Channelizer, Temp	8120027	231.000	Ft
0255	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0265	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	692.000	Ft
0275	Plastic Drum, Fluorescent, Furn	8120252	348.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	348.000	Ea
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	130.000	Ft
0290	Sign Cover	8120310	20.000	Ea
0295	Sign, Type B, Temp, Prismatic, Furn	8120350	2,145.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	2,145.000	Sft
0305	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	47.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	47.000	Sft
0315	Speed Radar Trailer, Temp	8122028	2.000	Ea
0320	Pedestrian Path, Temp	8122250	258.000	Ft
0325	Pedestrian Ramp, Temp	8122251	1.000	Ea
0330	Slope Restoration, Non-Freeway, Type B	8162002	79.000	Syd
0335	Power Company (Estimated Cost to Contractor)	8180001	3,000.000	Dlr
0340	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	20.000	Ft
0345	Conduit, Directional Bore, 1, 3 inch	8182035	140.000	Ft
0350	Conduit, DB, 1, 1 1/2 inch	8182048	225.000	Ft

0355	Conduit, DB, 1, 3 inch	8182050	55.000	Ft
0360	Conduit, DB, 3, 3 inch	8182056	45.000	Ft
0365	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0370	Cable, Sec, 600V, 1, 3/C#6	8182238	70.000	Ft
0375	Hh, Round	8182310	10.000	Ea
0380	Hh, Round, 3 foot dia	8182319	1.000	Ea
0385	Serv Disconnect	8182366	3.000	Ea
0390	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	3.000	Ea
0395	Case Sign Panel, Rem	8200004	2.000	Ea
0400	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	3.000	Ea
0405	Case Sign, Salv	8200039	2.000	Ea
0410	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0415	Pedestal, Alum	8200100	8.000	Ea
0420	Pedestal, Fdn	8200105	8.000	Ea
0425	Pushbutton and Sign	8200121	8.000	Ea
0430	Span Wire	8200140	5.000	Ea
0435	Span Wire, Rem	8200141	3.000	Ea
0440	Span Wire Tether	8200142	5.000	Ea
0445	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0450	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0455	Cabinet, NEMA Type	8200186	1.000	Ea
0460	TS, One Way Span Wire Mtd, Salv	8200191	5.000	Ea
0465	Warning Sign	8200260	4.000	Ea
0470	TS, One Way Span Wire Mtd (LED)	8200313	4.000	Ea
0475	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
0480	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
0485	Junction Box, Span Wire	8200456	4.000	Ea
0490	Junction Box, Rem	8200457	2.000	Ea
0495	TS Face, Bag	8200458	5.000	Ea
0500	TS Face, Bag, Rem	8200459	5.000	Ea
0505	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0510	Strain Pole Fdn, 6 Bolt	8200470	51.000	Ft
0515	Casing	8200480	31.000	Ft
0520	Backplate, TS	8200501	5.000	Ea
0525	Backplate, TS, Rem	8200502	6.000	Ea
0530	Backplate, TS, Salv	8200503	5.000	Ea
0535	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0540	_ TS, One Way Pedestal Mtd, Five Sect (LED)	8207050	1.000	Ea
0545	Contractor Staking	8240001	1.000	LSUM
0550	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 231103 008**Letting Date:** November 3, 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



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Schedule of Pay Items

Report v1

Letting Call: 231103 009**Letting Date:** November 3, 2023**Contract ID:** 83031-214889

Description: Bridge rehabilitation including deck replacement, steel repairs, pin and hanger replacement, structural steel cleaning and coating, substructure repairs, guardrail and approach work on US-131 over M-115, Wexford County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214889A	FED/STATE	N/A	HIPB 83031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$380,200.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0015	Guardrail, Rem	2040035	2,955.000	Ft
0020	Masonry and Conc Structure, Rem	2040045	4.000	Cyd
0025	Pavt, Rem	2040050	720.000	Syd
0030	Embankment, CIP	2050010	335.000	Cyd
0035	Excavation, Earth	2050016	517.000	Cyd
0040	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0050	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0055	Erosion Control, Silt Fence	2080036	605.000	Ft
0060	Subbase, CIP	3010002	80.000	Cyd
0065	Aggregate Base	3020001	260.000	Ton
0070	Aggregate Base, 6 inch	3020016	20.000	Syd
0075	Aggregate Base, Conditioning	3020051	15.000	Sta
0080	Shld, CI II	3070121	430.000	Ton
0085	Culv, Downspout, 15 inch	4010796	75.000	Ft
0090	Dr Marker Post	4011109	2.000	Ea
0095	_ Culv, Outlet Headwall, 15 inch	4017050	2.000	Ea
0100	Video Taping Sewer and Culv Pipe	4021275	75.000	Ft
0105	HMA Surface, Rem	5010005	5,415.000	Syd
0110	HMA Approach	5010061	2,240.000	Ton
0115	Joint, Expansion, E3	6020208	168.000	Ft
0120	Conc Pavt, Bridge Approach, Reinf	6020600	344.000	Syd
0125	Downspout Header, Conc	8020070	2.000	Ea
0130	Curb and Gutter, Bridge Approach, Det 5	8022016	80.000	Ft
0135	Curb and Gutter, Bridge Approach, Det 6A	8022019	82.000	Ft

0140	Curb and Gutter, Bridge Approach, Det 7A	8022020	82.000	Ft
0145	Curb Slp, HMA	8050010	182.000	Ft
0150	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0155	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0160	Guardrail Reflector	8070080	62.000	Ea
0165	Guardrail, Reconst, Type T	8070109	12.000	Ft
0170	Guardrail Anch, Bridge, Det M1	8070130	8.000	Ea
0175	Guardrail, Type MGS-8, 72 inch Post	8072179	1,088.000	Ft
0180	Guardrail, Type MGS-8, 108 inch Post	8072180	1,125.000	Ft
0185	Delineator Reflector, Yellow	8100132	8.000	Ea
0190	Delineator Reflector, Green	8100133	10.000	Ea
0195	Delineator Reflector, White	8100134	11.000	Ea
0200	Delineator, Rem	8100349	37.000	Ea
0205	Post, Rigid, Delineator	8100361	29.000	Ea
0210	Post, Steel, 3 pound	8100371	108.000	Ft
0215	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0220	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	2,213.000	Ft
0225	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0230	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	3,050.000	Ft
0235	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, Yellow	8112004	1,525.000	Ft
0240	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	3,050.000	Ft
0245	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	8112148	1,525.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	40.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	40.000	Ea
0270	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0275	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0280	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0285	Conc Barrier, Temp, Furn	8120081	500.000	Ft
0290	Conc Barrier, Temp, Oper	8120082	500.000	Ft
0295	Conc Barrier, Temp, Relocated	8120083	500.000	Ft
0300	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0305	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0315	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0325	Pavt Mrkg Cover, Type R, Black	8120200	6,000.000	Ft
0330	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0335	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	100.000	Ft

0345	PTS, Temp, Furn	8120272	6.000	Ea
0350	PTS, Temp, Oper	8120273	6.000	Ea
0355	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0365	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
0375	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	650.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	600.000	Ft
0385	Temp Rumble Strips (Orange), Stop Condition	8122186	1,320.000	Ft
0390	Riprap, Plain	8130010	12.000	Syd
0395	Slope Restoration, Freeway, Type E	8162017	4,985.000	Syd
0400	Slope Restoration, Freeway, Type F	8162018	4,000.000	Syd
0405	Freeway Shld Corrugations, Milled, HMA	8222001	5,450.000	Ft
0410	Contractor Staking	8240001	1.000	LSUM
0415	Staking Plan Errors and Extras, Max \$180/hour	8240002	33.000	Hr

Section: 2

0420	Backfill, Structure, CIP	2060002	8.000	Cyd
0425	Excavation, Fdn	2060010	58.000	Cyd
0430	Bridge Ltg, Furn and Rem (S02 of 83031)	7060001	1.000	LSUM
0435	Bridge Ltg, Furn and Rem (S04 of 83031)	7060001	1.000	LSUM
0440	Bridge Ltg, Oper and Maintain	7060002	377.000	Cyd
0445	Expansion Joint Device	7060050	176.000	Ft
0450	False Decking	7060060	10,980.000	Sft
0455	Reinforcement, Steel, Epoxy Coated	7060092	83,962.000	Lb
0460	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 83031)	7060112	1.000	LSUM
0465	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04 of 83031)	7060112	1.000	LSUM
0470	Superstructure Conc, Night Casting	7060113	377.000	Cyd
0475	Sealing Localized Cracks (S02 of 83031)	7060220	1.000	LSUM
0480	Sealing Localized Cracks (S04 of 83031)	7060220	1.000	LSUM
0485	Bushing	7070030	68.000	Ea
0490	Shear Developers (S02 of 83031)	7070040	1.000	LSUM
0495	Shear Developers (S04 of 83031)	7070040	1.000	LSUM
0500	Structural Steel, Plate, Erect	7070060	9,405.000	Lb
0505	Structural Steel, Plate, Furn and Fab	7070061	9,405.000	Lb
0510	Joint Waterproofing	7100001	273.000	Sft
0515	Conc Surface Coating	7100011	396.000	Syd
0520	Substructure Horizontal Surface Sealer (S02 of 83031)	7100030	30.000	Syd
0525	Substructure Horizontal Surface Sealer (S04 of 83031)	7100030	30.000	Syd
0530	_ Silane Treatment	7107010	2,000.000	Sft
0535	Bridge Railing, Aesthetic Parapet Tube, Det 2	7110033	552.000	Ft

0540	Hand Chipping, Other Than Deck	7120007	238.000	Cft
0545	Patch, Forming	7120017	714.000	Sft
0550	Structures, Rehabilitation, Rem Portions (S02 of 83031)	7120070	1.000	LSUM
0555	Structures, Rehabilitation, Rem Portions (S04 of 83031)	7120070	1.000	LSUM
0560	Top Flanges and Beam Ends, Clean and Coat	7120100	213.000	Syd
0565	Patching Conc, C-L	7120112	10.000	Cyd
0570	Beam Plate, Seal Perimeter	7130010	1,057.000	Ft
0575	Hanger Assembly, Field Measurement	7130030	17.000	Ea
0580	Hanger Assembly, Rem and Erect	7130031	17.000	Ea
0585	Structural Steel, Furn and Fab, Pin and Hanger	7130070	3,344.000	Lb
0590	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,692.000	Lb
0595	Support, Column, Temp	7130080	13.000	Ea
0600	Salv Support, Column, Temp	7132000	2.000	Ea
0605	Steel Structure, Cleaning, Partial, Type 4 (S02 of 83031)	7150047	1.000	LSUM
0610	Steel Structure, Cleaning, Partial, Type 4 (S04 of 83031)	7150047	1.000	LSUM
0615	Steel Structure, Coating, Partial, Type 4 (S02 of 83031)	7150048	1.000	LSUM
0620	Steel Structure, Coating, Partial, Type 4 (S04 of 83031)	7150048	1.000	LSUM
0625	Structure Survey During Construction (S02 of 83031)	8240020	1.000	LSUM
0630	Structure Survey During Construction (S04 of 83031)	8240020	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 231103 010**Letting Date:** November 3, 2023**Contract ID:** 69011-204211

Description: 2.23 mi of hot mix asphalt base crushing, shaping and resurfacing, guardrail work, drainage improvements, construction of a multi-use pathway, traffic signal upgrades, lighting, bridge rehabilitation including deck patching, crack sealing and joint repair, construction of a roundabout and pavement markings on I-75BL from I-75SB off ramp to Wisconsin Avenue/Grandview Boulevard in the city of Gaylord, Otsego County. This project includes two 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204211A	23A0960	N/A	NH 69011
218814A	23A1004	N/A	TA 69011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$1,257,600.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.240	Acre
0015	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	10.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Dr Structure, Rem	2030011	33.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	1,053.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	1,691.000	Ft
0045	_ Abandoned Utility, Rem	2037001	100.000	Ft
0050	_ Monitoring Well, Adj	2037050	2.000	Ea
0055	Curb and Gutter, Rem	2040020	11,158.000	Ft
0060	Guardrail, Rem	2040035	1,551.000	Ft
0065	Pavt, Rem	2040050	1,114.000	Syd
0070	Sidewalk, Rem	2040055	463.000	Syd
0075	Exploratory Investigation, Vertical	2040080	103.000	Ft
0080	_ Rem of Misc Appurtenances	2047051	1.000	LSUM
0085	Embankment, CIP	2050010	8,414.000	Cyd
0090	Excavation, Earth	2050016	21,075.000	Cyd
0095	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0105	Erosion Control, Check Dam, Stone	2080012	200.000	Ft
0110	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0115	Erosion Control, Inlet Protection, Fabric Drop	2080020	95.000	Ea
0120	Erosion Control, Inlet Protection, Sediment Trap	2080024	42.000	Ea

0125	Erosion Control, Maintenance, Sediment Rem	2080026	40.000	Cyd
0130	Erosion Control, Sediment Trap	2080034	10.000	Ea
0135	Erosion Control, Silt Fence	2080036	500.000	Ft
0140	Subbase, CIP	3010002	4,594.000	Cyd
0145	Aggregate Base, 4 inch	3020010	22,267.000	Syd
0150	Aggregate Base, 6 inch	3020016	23,325.000	Syd
0155	HMA Base Crushing and Shaping	3050002	66,421.000	Syd
0160	Material, Surplus and Unsuitable, Rem, LM	3050010	1,833.000	Cyd
0165	Salv Crushed Material, LM	3050015	415.000	Cyd
0170	Maintenance Gravel, LM	3060021	1,200.000	Cyd
0175	Approach, CI I	3070001	8,229.000	Ton
0180	Approach, CI II	3070021	40.000	Ton
0185	Shld, CI II	3070121	163.000	Ton
0190	Shld, CI III, LM	3070143	87.000	Cyd
0195	Culv End Sect, 12 inch	4010012	4.000	Ea
0200	Culv End Sect, 15 inch	4010015	10.000	Ea
0205	Culv End Sect, 30 inch	4010030	1.000	Ea
0210	Culv End Sect, Footing	4010072	4.000	Ea
0215	Culv, CI A, 12 inch	4010131	24.000	Ft
0220	Culv, CI E, 15 inch	4010540	80.000	Ft
0225	Culv, CI F, 15 inch	4010608	94.000	Ft
0230	Culv, Downspout, 12 inch	4010795	32.000	Ft
0235	Dr Marker Post	4011109	13.000	Ea
0240	Steel Casing Pipe, 24 inch, Tr Det G	4011136	350.000	Ft
0245	Culv, Outlet Headwall, 12 inch	4012000	1.000	Ea
0250	_ Perforated Sewer, 24 inch	4017001	518.000	Ft
0255	_ Perforated Sewer, 36 inch	4017001	86.000	Ft
0260	Sewer, CI A, 12 inch, Tr Det B	4020033	1,920.000	Ft
0265	Sewer, CI A, 15 inch, Tr Det B	4020034	953.000	Ft
0270	Sewer, CI A, 18 inch, Tr Det B	4020035	500.000	Ft
0275	Sewer, CI A, 24 inch, Tr Det B	4020036	1,437.000	Ft
0280	Sewer, CI A, 30 inch, Tr Det B	4020037	2,426.000	Ft
0285	Sewer, CI B, 30 inch, Tr Det B	4020187	900.000	Ft
0290	Sewer, CI E, 12 inch, Tr Det B	4020600	565.000	Ft
0295	Sewer, CI E, 15 inch, Tr Det B	4020601	382.000	Ft
0300	Sewer Tap, 15 inch	4021205	1.000	Ea
0305	Video Taping Sewer and Culv Pipe	4021275	9,281.000	Ft
0310	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0315	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0320	Dr Structure Cover, Type B	4030010	44.000	Ea
0325	Dr Structure Cover, Type D	4030025	11.000	Ea
0330	Dr Structure Cover, Type G	4030040	7.000	Ea
0335	Dr Structure Cover, Type J	4030045	30.000	Ea
0340	Dr Structure Cover, Type K	4030050	49.000	Ea
0345	Dr Structure, 24 inch dia	4030200	33.000	Ea

0350	Dr Structure, 48 inch dia	4030210	57.000	Ea
0355	Dr Structure, 60 inch dia	4030220	46.000	Ea
0360	Dr Structure, 72 inch dia	4030230	1.000	Ea
0365	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	2.000	Ft
0370	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	42.000	Ft
0375	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	3.000	Ft
0380	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0385	Underdrain, Subbase, 6 inch	4040063	1,000.000	Ft
0390	Underdrain, Subgrade, 6 inch	4040073	800.000	Ft
0395	Underdrain Outlet, 6 inch	4040093	30.000	Ft
0400	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0405	Video Inspection of Underdrain	4040200	1,800.000	Ft
0410	Cold Milling HMA Surface	5010002	61,349.000	Syd
0415	Bump Grinding	5010004	550.000	Syd
0420	HMA Surface, Rem	5010005	54,705.000	Syd
0425	HMA Quality Initiative	5010007	56,492.000	Dlr
0430	Longit Joint Density Quality Initiative	5010018	105,017.000	Dlr
0435	Hand Patching	5010025	1,083.000	Ton
0440	HMA Approach	5010061	6,067.000	Ton
0445	HMA, 3EML	5012013	1,922.000	Ton
0450	HMA, 4EML	5012025	10,113.000	Ton
0455	HMA, 4EML, High Stress	5012073	10,144.000	Ton
0460	HMA, Temp Pavt (3EML)	5012101	902.000	Ton
0465	_ Ride Incentive	5017060	16,600.000	Dlr
0470	Joint, Contraction, Cp	6020200	380.000	Ft
0475	Joint, Expansion, E2	6020207	76.000	Ft
0480	_ Conc Pavt, Decorative, Nonreinf, 12 inch	6027011	446.000	Syd
0485	Cement	6030005	25.000	Ton
0490	Coating Galvanized Support Structures	7160010	6.000	Ea
0495	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8007001	1,103.000	Ft
0500	Driveway, Nonreinf Conc, 6 inch	8010005	995.000	Syd
0505	Curb, Conc, Det E1	8020001	220.000	Ft
0510	Curb, Conc, Det E2	8020002	376.000	Ft
0515	Curb and Gutter, Conc, Det B2	8020016	7,094.000	Ft
0520	Curb and Gutter, Conc, Det F4	8020038	9,619.000	Ft
0525	Curb and Gutter, Conc, Det F6	8020040	98.000	Ft
0530	Driveway Opening, Conc, Det M	8020050	6,147.000	Ft
0535	Shld Gutter, Conc, Det 1	8020055	2.000	Ea
0540	Shld Gutter, Conc, Det 3	8020057	4.000	Ea
0545	Spillway, Conc	8020075	16.000	Ft
0550	Divider, Conc, Type I	8022000	1,088.000	Sft
0555	_ Curb and Gutter, Conc, Det B2, Modified	8027001	2,331.000	Ft

0560	_ Curb and Gutter, Conc, Det D2, Modified	8027001	330.000	Ft
0565	Curb Ramp Opening, Conc	8030030	1,258.000	Ft
0570	Sidewalk, Conc, 4 inch	8030044	2,942.000	Sft
0575	Curb Ramp, Conc, 4 inch	8032001	5,368.000	Sft
0580	_ Detectable Warning Surface, Metal	8037001	427.000	Ft
0585	_ Sidewalk, Conc, 6 inch, Colored	8037010	16,367.000	Sft
0590	_ Sidewalk, Conc, Decorative, 4 inch	8037010	1,440.000	Sft
0595	Curb Slp, HMA	8050010	418.000	Ft
0600	Shared use Path, HMA	8060040	1,821.000	Ton
0605	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0610	Guardrail Anch, Bridge, Det T4	8070025	2.000	Ea
0615	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0620	Guardrail Reflector	8070080	52.000	Ea
0625	Post, Mailbox	8070095	55.000	Ea
0630	Guardrail, Type MGS-8D, 108 inch Post	8072182	1,103.000	Ft
0635	Fence, Chain Link, 72 inch	8080013	892.000	Ft
0640	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	1.000	Ea
0645	Delineator Reflector, Green	8100133	4.000	Ea
0650	Fdn, Wood Support, Rem	8100280	23.000	Ea
0655	Perforated Steel Square Tube Breakaway System	8100330	34.000	Ea
0660	Delineator, Rem	8100349	2.000	Ea
0665	Post, Rigid, Delineator	8100361	4.000	Ea
0670	Post, Steel, 3 pound	8100371	1,954.000	Ft
0675	Post, Wood, 4 inch by 6 inch	8100380	212.000	Ft
0680	Post, Wood, 6 inch by 8 inch	8100382	112.000	Ft
0685	Sign, Type I, Rem	8100391	1.000	Ea
0690	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0695	Sign, Type II, Rem	8100397	5.000	Ea
0700	Sign, Type IIA	8100398	57.000	Sft
0705	Sign, Type IIB	8100399	126.000	Sft
0710	Sign, Type III, Erect, Salv	8100402	130.000	Ea
0715	Sign, Type III, Rem	8100403	31.000	Ea
0720	Sign, Type IIIA	8100404	161.000	Sft
0725	Sign, Type IIIB	8100405	471.000	Sft
0730	Sign, Type V, Rem	8100421	1.000	Ea
0735	Sign, Type V, Erect, Salv	8100422	2.000	Ea
0740	Sign, Type VA	8100424	12.000	Sft
0745	Sign, Type VB	8100425	48.000	Sft
0750	Reflective Panel for Permanent Sign Support, 3 foot	8100613	48.000	Ea
0755	Reflective Panel for Permanent Sign Support, 6 foot	8100616	30.000	Ea
0760	Sign, Type II, Rem, Salv	8102002	3.000	Ea
0765	Sign, Type III, Rem, Salv	8102003	129.000	Ea
0770	Sign, Type V, Rem, Salv	8102005	2.000	Ea
0775	Ground Mtd Sign Support, Rem	8102010	112.000	Ea
0780	_ Interpretive Sign	8107050	1.000	Ea

0785	_ Trail Sign Post and Installation	8107050	27.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0795	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0805	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0810	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	70.000	Ft
0815	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,676.000	Ft
0820	Pavt Mrkg, Polyurea, 12 inch, White	8110111	676.000	Ft
0825	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	414.000	Ft
0830	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,375.000	Ft
0835	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,740.000	Ft
0840	Pavt Mrkg, Waterborne, 6 inch, White	8110233	20,919.000	Ft
0845	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	27,663.000	Ft
0850	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,375.000	Ft
0855	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,740.000	Ft
0860	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	20,919.000	Ft
0865	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	27,663.000	Ft
0870	Rem Spec Mrkg	8110343	710.000	Sft
0875	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	2.000	Ea
0880	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0885	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0890	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0895	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	4.000	Ea
0900	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	2.000	Ea
0905	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0910	Recessing Pavt Mrkg, Longit	8110450	65,510.000	Ft
0915	Recessing Pavt Mrkg, Transv	8110451	440.000	Sft
0920	Recessing Pavt Mrkg, Guide Line	8110453	56.000	Ft
0925	Protective Ovly, Snowmobile Trail Crossing	8110550	134.000	Syd
0930	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	56.000	Ft
0935	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0940	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0945	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0950	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	700.000	Ea
0955	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	700.000	Ea
0960	Delineator, Flexible, Temp, Furn	8120091	30.000	Ea
0965	Delineator, Flexible, Temp, Oper	8120092	30.000	Ea
0970	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0975	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0980	Ltg for Night Work	8120160	1.000	LSUM
0985	Minor Traf Devices	8120170	1.000	LSUM
0990	Mobile Attenuator	8120180	2.000	Ea

0995	Pavt Mrkg Cover, Type R, Black	8120200	2,000.000	Ft
1000	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	41,675.000	Ft
1005	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	50.000	Ft
1010	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru Arrow	8120259	6.000	Ea
1015	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
1020	Sign Cover	8120310	100.000	Ea
1025	Sign Cover, Type I	8120320	2.000	Ea
1030	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1035	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1040	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
1045	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
1050	Sign, Type B, Temp, Prismatic, Furn	8120350	4,000.000	Sft
1055	Sign, Type B, Temp, Prismatic, Oper	8120351	4,000.000	Sft
1060	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	700.000	Sft
1065	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	700.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1075	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	25,000.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	21,000.000	Ft
1085	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	70,000.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	46,500.000	Ft
1095	Speed Radar Trailer, Temp	8122028	2.000	Ea
1100	Reflective Panel for Temp Sign Support, Furn	8122198	24.000	Ea
1105	Reflective Panel for Temp Sign Support, Oper	8122199	24.000	Ea
1110	Riprap, Plain	8130010	75.000	Syd
1115	Paved Ditch, HMA	8140010	78.000	Syd
1120	Site Preparation, Max \$9,950.00	8150001	1.000	LSUM
1125	Watering and Cultivating, First Season, Min \$5,640.00	8150002	1.000	LSUM
1130	Watering and Cultivating, 2nd Season, Min \$6,960.00	8150003	1.000	LSUM
1135	Acer x freemanii 'Celebration', 2 inch	8150225	3.000	Ea
1140	Calamagrostis x acutiflora 'Karl Foerster', # 1 cont.	8150603	24.000	Ea
1145	Ostrya virginiana, 2 inch	8152528	3.000	Ea
1150	Quercus palustris, 2 inch	8153098	2.000	Ea
1155	Quercus rubra, 2 inch	8153126	4.000	Ea
1160	Schizachyrium scoparium 'The Blues', #1 cont.	8153406	144.000	Ea
1165	Tilia americana, 2 inch	8153843	5.000	Ea
1170	_ Block Wall, Landscape, Nonreinf	8157010	500.000	Sft
1175	_ Bench	8157050	4.000	Ea
1180	_ Bike Rack	8157050	8.000	Ea
1185	_ Carpinus Caroliniana 'Musclewood', 2.5 inch	8157050	1.000	Ea
1190	_ Celtis Occidentalis 'Prairie Pride', 2.5 inch	8157050	6.000	Ea

1195	_ Gleditsia Triacanthos Var. Inermis, 2.5 inch	8157050	3.000	Ea
1200	_ Juniperus Virginiana, 8 foot	8157050	3.000	Ea
1205	_ Perovskia Atriplicifolia 'Longin', #1 cont.	8157050	12.000	Ea
1210	_ Trash Receptacle	8157050	4.000	Ea
1215	Seeding, Mixture TDS	8160037	135.000	Lb
1220	Slope Restoration, Non-Freeway, Type E	8162005	40,996.000	Syd
1225	Slope Restoration, Non-Freeway, Type F	8162006	23,054.000	Syd
1230	_ Slope Restoration, Non-Freeway, Type G	8167011	210.000	Syd
1235	Conduit, Rem	8182000	60.000	Ft
1240	Conduit, Directional Bore, 2, 3 inch	8182037	440.000	Ft
1245	Conduit, DB, 1, 1 1/2 inch	8182048	255.000	Ft
1250	Conduit, DB, 1, 2 1/2 inch	8182049	10,350.000	Ft
1255	Conduit, DB, 3, 3 inch	8182056	80.000	Ft
1260	Conduit, DB, 4, 3 inch	8182059	40.000	Ft
1265	Conduit, DB, 1, 1 inch	8182060	40.000	Ft
1270	Conduit, Schedule 80, 2 inch	8182146	2,010.000	Ft
1275	DB Cable, in Conduit, 600V, 1/C#8	8182188	5,385.000	Ft
1280	DB Cable, in Conduit, 600V, 1/C#10	8182189	11,520.000	Ft
1285	Cable Pole, TS and Sec, Disman	8182209	1.000	Ea
1290	Cable Pole, TS, Disman	8182210	3.000	Ea
1295	Cable, Sec, 600V, 1, 3/C#6	8182238	1,250.000	Ft
1300	Cable, Equipment Grounding Wire, 1/C#1	8182287	10,350.000	Ft
1305	Cable, Equipment Grounding Wire, 1/C#8	8182292	2,010.000	Ft
1310	Cable, Equipment Grounding Wire, 1/C#10	8182293	585.000	Ft
1315	Hh, Polymer Conc	8182309	6.000	Ea
1320	Hh, Round	8182310	24.000	Ea
1325	Hh, Round, 3 foot dia	8182319	2.000	Ea
1330	Hh, Rem	8182330	5.000	Ea
1335	Wood Pole, Rem	8182363	2.000	Ea
1340	Serv Disconnect, Rem	8182367	3.000	Ea
1345	Light Std Arm, 10 foot	8190267	13.000	Ea
1350	Light Std Fdn	8190279	13.000	Ea
1355	Light Std, Frangible Transformer Base	8190281	13.000	Ea
1360	Light Std Shaft, 30 foot or less	8190285	13.000	Ea
1365	Luminaire	8190330	15.000	Ea
1370	_ Decorative Bollard, Lighted	8197050	6.000	Ea
1375	_ Decorative Bollard, Non-Lighted	8197050	2.000	Ea
1380	_ Light Std Fdn, Spec	8197050	90.000	Ea
1385	_ Light Std Shaft, Decorative, Type 1	8197050	62.000	Ea
1390	_ Light Std Shaft, Decorative, Type 2	8197050	28.000	Ea
1395	_ Lighting Control Panel, Ground Mtd	8197050	2.000	Ea
1400	_ Luminaire Decorative	8197050	118.000	Ea
1405	_ Utility, Elec	8197060	10,000.000	Dlr
1410	Case Sign, Rem	8200020	8.000	Ea
1415	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea

1420	Controller and Cabinet, Rem	8200030	3.000	Ea
1425	Case Sign, Salv	8200039	3.000	Ea
1430	Controller Fdn, Base Mtd	8200045	2.000	Ea
1435	Fdn, Rem	8200065	3.000	Ea
1440	Pedestal, Alum	8200100	6.000	Ea
1445	Pedestal, Fdn	8200105	11.000	Ea
1450	Pedestal Fdn, Rem	8200106	4.000	Ea
1455	Pedestal, Rem	8200110	3.000	Ea
1460	Pedestal, Underground Serv, Unmetered	8200112	4.000	Ea
1465	Pedestal, Pushbutton, Rem	8200119	1.000	Ea
1470	Pushbutton and Sign	8200121	6.000	Ea
1475	Pushbutton, Rem	8200122	2.000	Ea
1480	Pushbutton, Pedestal, Alum	8200123	1.000	Ea
1485	Span Wire, Rem	8200141	3.000	Ea
1490	Steel Pole, Rem	8200145	3.000	Ea
1495	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1500	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
1505	TS, Span Wire Mtd, Rem	8200182	20.000	Ea
1510	Cabinet, NEMA Type	8200186	2.000	Ea
1515	TS, One Way Span Wire Mtd, Salv	8200191	2.000	Ea
1520	TS, Two Way Span Wire Mtd, Salv	8200201	1.000	Ea
1525	TS, Three Way Span Wire Mtd, Salv	8200206	4.000	Ea
1530	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	2.000	Ea
1535	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
1540	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1545	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
1550	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
1555	TS, One Way Mast Arm Mtd (LED)	8200359	14.000	Ea
1560	TS, Antenna, Rem	8200368	1.000	Ea
1565	Bracket, Truss, with 18 foot Arm	8200378	1.000	Ea
1570	Wireless Vehicle Sensor Node, Rem	8200426	8.000	Ea
1575	Hemispherical Video Detection Camera	8200444	2.000	Ea
1580	Hemispherical Video Detection System	8200445	2.000	Ea
1585	TS Head, Adj	8200452	3.000	Ea
1590	TS Head, Temp	8200453	1.000	Ea
1595	TS Face, Bag	8200458	28.000	Ea
1600	TS Face, Bag, Rem	8200459	27.000	Ea
1605	Casing	8200480	82.000	Ft
1610	Backplate, TS	8200501	16.000	Ea
1615	Mast Arm Pole, Cat I	8202010	6.000	Ea
1620	Mast Arm, 35 foot, Cat I	8202016	1.000	Ea
1625	Mast Arm, 40 foot, Cat I	8202017	1.000	Ea

1630	Mast Arm, 45 foot, Cat I	8202018	2.000	Ea
1635	Mast Arm, 50 foot, Cat I	8202019	3.000	Ea
1640	Mast Arm Pole Fdn, 6 Bolt	8202034	103.000	Ft
1645	_ Pedestal Painting	8207050	7.000	Ea
1650	_ St Name Sign, One Way, LED, 8 foot	8207050	1.000	Ea
1655	_ St Name Sign, Two Way, LED, 8 foot	8207050	6.000	Ea
1660	Monument Box	8210001	11.000	Ea
1665	Monument Preservation	8210010	23.000	Ea
1670	Protect Corners	8210020	3.000	Ea
1675	Fire Hydrant	8230040	1.000	Ea
1680	Gate Valve and Box, 6 inch	8230051	1.000	Ea
1685	Gate Valve and Box, 12 inch	8230054	8.000	Ea
1690	Hydrant, Rem	8230091	1.000	Ea
1695	Water Serv	8230240	4.000	Ea
1700	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
1705	Gate Box, Adj, Case 1	8230431	3.000	Ea
1710	Gate Box, Adj, Case 2	8230432	11.000	Ea
1715	_ Water Main, PVC, 12 inch	8237001	346.000	Ft
1720	_ Water Main, PVC, 12 inch, Tr Det F	8237001	746.000	Ft
1725	_ Insulation Board, 2 inch	8237010	2,432.000	Sft
1730	_ Hydrant, Relocate, Case 1, Spec	8237050	1.000	Ea
1735	Contractor Staking	8240001	1.000	LSUM
1740	Staking Plan Errors and Extras, Max \$180/hour	8240002	138.000	Hr
1745	Sanitary Structure, Adj, Add Depth	8252140	20.000	Ft
1750	Sanitary Structure Cover, Adj, Case 1	8252145	28.000	Ea
1755	Sanitary Structure Cover, Adj, Case 2	8252146	18.000	Ea
1760	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1765	Lightning Protection, Pole	8260021	2.000	Ea

Section: 2

1770	Sealing Localized Cracks (S05 of 69013)	7060220	1.000	LSUM
1775	Conc, Grade 4500	7062003	17.000	Cyd
1780	Hand Chipping, Deep	7120004	148.000	Syd
1785	Embedded Galvanic Anode	7120120	350.000	Ea
1790	Bridge Joint, Strip Seal Gland Replacement	7122005	252.000	Ft
1795	_ Bridge Joints, Clean and Seal	7127001	161.000	Ft



9/29/2023 7:53 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 011**Letting Date:** November 3, 2023**Contract ID:** 11021-127449

Description: 6.77 mi of hot mix asphalt shoulder widening, intersection reconstruction, intermittent cold milling and single course hot mix asphalt resurfacing, drainage improvements, guardrail replacement and pavement markings on US-12 from the Galien/Bertrand Township line easterly to Mayflower Road, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127449A	23A0954	N/A	ST 11021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$829,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	5.190	Acre
0015	_ Clearing, Spec	2017012	0.380	Acre
0020	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0025	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	27.000	Ea
0035	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	40.000	Ea
0045	Culv, Rem, Less than 24 inch	2030001	49.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0055	Culv, End, Rem, Less than 24 inch	2030005	17.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0065	Sewer, Rem, Less than 24 inch	2030015	25.000	Ft
0070	Curb and Gutter, Rem	2040020	554.000	Ft
0075	Fence, Rem	2040025	235.000	Ft
0080	Guardrail, Rem	2040035	4,603.000	Ft
0085	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0090	Pavt, Rem	2040050	887.000	Syd
0095	Exploratory Investigation, Vertical	2040080	15.000	Ft
0100	Embankment, CIP	2050010	9,718.000	Cyd
0105	Excavation, Earth	2050016	50,669.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0115	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0120	Flowable Fill, Non-Structural	2050148	5.000	Cyd
0125	_ Phragmites Plant Material Handling and Disposal, LM	2057021	50.000	Cyd

0130	Erosion Control, Check Dam, Stone	2080012	996.000	Ft
0135	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0140	Erosion Control, Inlet Protection, Sediment Trap	2080024	6.000	Ea
0145	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0150	Erosion Control, Sand Bag	2080028	300.000	Ea
0155	Erosion Control, Sediment Trap	2080034	247.000	Ea
0160	Erosion Control, Silt Fence	2080036	15,786.000	Ft
0165	Erosion Control, Turbidity Curtain, Shallow	2080044	1,519.000	Ft
0170	_ Permeable Runoff Structure	2087001	758.000	Ft
0175	_ Stormwater Treatment, Check Dam, Stone	2087050	74.000	Ea
0180	Subbase, CIP	3010002	5,985.000	Cyd
0185	Aggregate Base, 3 inch	3020008	1,912.000	Syd
0190	Aggregate Base, 6 inch	3020016	86,682.000	Syd
0195	Driveway Maintenance, Commercial	3062000	10.000	Ea
0200	Driveway Maintenance, Residential	3062001	82.000	Ea
0205	Approach, CI II	3070021	257.000	Ton
0210	Shld, CI II, 4 inch	3070126	14,037.000	Syd
0215	Shld, CI II, 4 inch, Temp	3070181	500.000	Syd
0220	_ Shld, CI II, 6.5 inch	3077011	1,472.000	Syd
0225	Culv End Sect, 12 inch	4010012	65.000	Ea
0230	Culv End Sect, 15 inch	4010015	26.000	Ea
0235	Culv End Sect, 18 inch	4010018	5.000	Ea
0240	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0245	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0250	Culv End Sect, Conc, 18 inch	4010049	17.000	Ea
0255	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0260	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0265	Culv End Sect, Footing	4010072	121.000	Ea
0270	Culv End Sect, Metal, 84 inch	4010108	2.000	Ea
0275	Culv, CI A, 18 inch	4010133	171.000	Ft
0280	Culv, CI A, Conc, 18 inch	4010167	46.000	Ft
0285	Culv, CI A, Conc, 30 inch	4010169	65.000	Ft
0290	Culv, CI A, CSP, 24 inch	4010202	6.000	Ft
0295	Culv, CI E, 18 inch	4010541	360.000	Ft
0300	Culv, CI E, 24 inch	4010542	64.000	Ft
0305	Culv, CI E, Conc, 15 inch	4010574	57.000	Ft
0310	Culv, CI E, Conc, 18 inch	4010575	12.000	Ft
0315	Culv, CI E, Conc, 24 inch	4010576	104.000	Ft
0320	Culv, CI F, 12 inch	4010607	1,311.000	Ft
0325	Culv, CI F, 15 inch	4010608	538.000	Ft
0330	Culv, CI F, 18 inch	4010609	434.000	Ft
0335	Culv, CI F, 24 inch	4010610	37.000	Ft
0340	Culv, Downspout, 12 inch	4010795	249.000	Ft
0345	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	4.000	Ea
0350	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	3.000	Ea

0355	Culv, Slp End Sect, 1 on 4, 60 inch, Transv	4010938	2.000	Ea
0360	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	27.000	Ea
0365	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	2.000	Ea
0370	Culv, Slp End Sect, 1 on 6, 36 inch, Longit	4010961	2.000	Ea
0375	Dr Marker Post	4011109	125.000	Ea
0380	Culv, Outlet Headwall, 12 inch	4012000	12.000	Ea
0385	_ Culv Cleanout	4017001	910.000	Ft
0390	_ Culv, Cl A, CSP, 60 inch, Polymer Coated	4017001	74.000	Ft
0395	_ Culv, Cl A, CSP, 84 inch, Polymer Coated	4017001	80.000	Ft
0400	_ Culv, Outlet Headwall, 15 inch	4017050	2.000	Ea
0405	Sewer, Cl A, 36 inch, Tr Det A	4020009	261.000	Ft
0410	Sewer, Cl A, 12 inch, Tr Det B	4020033	57.000	Ft
0415	Sewer, Cl A, 15 inch, Tr Det B	4020034	130.000	Ft
0420	Sewer, Cl E, 12 inch, Tr Det B	4020600	79.000	Ft
0425	Video Taping Sewer and Culv Pipe	4021275	1,398.000	Ft
0430	Dr Structure Cover, Type B	4030010	1.000	Ea
0435	Dr Structure Cover, Type C	4030015	5.000	Ea
0440	Dr Structure Cover, Type J	4030045	1.000	Ea
0445	Dr Structure, 48 inch dia	4030210	6.000	Ea
0450	Dr Structure, 60 inch dia	4030220	1.000	Ea
0455	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	9.000	Ft
0460	Underdrain, Subbase, 6 inch	4040063	7,740.000	Ft
0465	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	450.000	Ft
0470	Underdrain Outlet, 6 inch	4040093	901.000	Ft
0475	Underdrain, Outlet Ending, 6 inch	4040113	51.000	Ea
0480	Video Inspection of Underdrain	4040200	9,080.000	Ft
0485	Cold Milling HMA Surface	5010002	15,431.000	Syd
0490	Bump Grinding	5010004	300.000	Syd
0495	HMA Surface, Rem	5010005	40,492.000	Syd
0500	HMA Quality Initiative	5010007	42,396.000	Dlr
0505	Longit Joint Density Quality Initiative	5010018	25,430.000	Dlr
0510	Hand Patching	5010025	15.000	Ton
0515	HMA Approach	5010061	7,149.000	Ton
0520	HMA, 4EML	5012025	14,034.000	Ton
0525	HMA, Temp Pavt (4EML)	5012103	61.000	Ton
0530	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	4,210.000	Sft
0535	Reinforcement, Steel, Epoxy Coated	7060092	11.000	Lb
0540	Conc, Grade 3500	7062001	1.000	Cyd
0545	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	19.000	Ea
0550	Driveway, Nonreinf Conc, 6 inch	8010005	108.000	Syd
0555	Curb and Gutter, Conc, Det B2	8020016	2,625.000	Ft
0560	Curb and Gutter, Conc, Det D2	8020031	1,927.000	Ft
0565	Downspout Header, Conc	8020070	13.000	Ea
0570	Curb Slp, HMA	8050010	1,923.000	Ft

0575	Guardrail Approach Terminal, Type 2M	8070044	29.000	Ea
0580	Guardrail Approach Terminal, Type 2M, Temp	8070049	1.000	Ea
0585	Guardrail Departing Terminal, Type B	8070050	5.000	Ea
0590	Guardrail Reflector	8070080	278.000	Ea
0595	Post, Mailbox	8070095	89.000	Ea
0600	Guardrail Height, Adj	8070100	106.000	Ft
0605	Guardrail, Long Span, Det MGS-1	8072121	2.000	Ea
0610	Guardrail, Long Span, Det MGS-2	8072122	2.000	Ea
0615	Guardrail, Long Span, Det MGS-3	8072123	2.000	Ea
0620	Guardrail, Curved, Type B-CRT	8072154	77.000	Ft
0625	Guardrail, Type MGS-8, 108 inch Post	8072180	5,227.000	Ft
0630	_ Guardrail, Type MGS-8, 108 Inch Post, Nested, Spec	8077001	76.000	Ft
0635	Fence, Protective	8080007	435.000	Ft
0640	Delineator Reflector, Green	8100133	60.000	Ea
0645	Delineator Reflector, White	8100134	450.000	Ea
0650	Fdn, Wood Support, Rem	8100280	14.000	Ea
0655	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0660	Delineator, Rem	8100349	20.000	Ea
0665	Post, Rigid, Delineator	8100361	285.000	Ea
0670	Post, Steel, 3 pound	8100371	2,477.000	Ft
0675	Post, Wood, 4 inch by 6 inch	8100380	304.000	Ft
0680	Sign, Type II, Erect, Salv	8100396	9.000	Ea
0685	Sign, Type IIB	8100399	30.000	Sft
0690	Sign, Type III, Erect, Salv	8100402	101.000	Ea
0695	Sign, Type III, Rem	8100403	8.000	Ea
0700	Sign, Type IIIA	8100404	74.000	Sft
0705	Sign, Type IIIB	8100405	193.000	Sft
0710	Sign, Type V, Erect, Salv	8100422	2.000	Ea
0715	Sign, Type VB	8100425	30.000	Sft
0720	Reflective Panel for Permanent Sign Support, 3 foot	8100613	24.000	Ea
0725	Reflective Panel for Permanent Sign Support, 6 foot	8100616	40.000	Ea
0730	Sign, Type II, Rem, Salv	8102002	9.000	Ea
0735	Sign, Type III, Rem, Salv	8102003	103.000	Ea
0740	Sign, Type V, Rem, Salv	8102005	2.000	Ea
0745	Ground Mtd Sign Support, Rem	8102010	148.000	Ea
0750	_ Hand Digging Sign Post	8107050	95.000	Ea
0755	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	272.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0765	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0770	Pavt Mrkg, Waterborne, 4 inch, White	8110231	90.000	Ft
0775	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,570.000	Ft
0780	Pavt Mrkg, Waterborne, 6 inch, White	8110233	72,000.000	Ft
0785	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	52,200.000	Ft
0790	Recessing Pavt Mrkg, Transv	8110451	154.000	Sft

0795	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0800	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0805	Conc Barrier Ending, Temp, Det 2, Adj	8120040	6.000	Ea
0810	Conc Barrier Ending, Temp, Det 2, Furn	8120041	3.000	Ea
0815	Conc Barrier Ending, Temp, Det 2, Oper	8120042	3.000	Ea
0820	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	3.000	Ea
0825	Conc Barrier Ending, Temp, Det 5, Adj	8120060	6.000	Ea
0830	Conc Barrier Ending, Temp, Det 5, Furn	8120061	3.000	Ea
0835	Conc Barrier Ending, Temp, Det 5, Oper	8120062	3.000	Ea
0840	Conc Barrier Ending, Temp, Det 5, Relocated	8120063	3.000	Ea
0845	Conc Barrier, Temp, Adj	8120080	2,025.000	Ft
0850	Conc Barrier, Temp, Furn	8120081	1,100.000	Ft
0855	Conc Barrier, Temp, Oper	8120082	1,100.000	Ft
0860	Conc Barrier, Temp, Relocated	8120083	925.000	Ft
0865	Delineator, Flexible, Temp, Furn	8120091	48.000	Ea
0870	Delineator, Flexible, Temp, Oper	8120092	48.000	Ea
0875	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0880	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0885	Minor Traf Devices	8120170	1.000	LSUM
0890	Pavt Mrkg Cover, Type R, Black	8120200	4,420.000	Ft
0895	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,450.000	Ft
0900	Plastic Drum, Fluorescent, Furn	8120252	313.000	Ea
0905	Plastic Drum, Fluorescent, Oper	8120253	313.000	Ea
0910	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	210.000	Ft
0915	PTS, Temp, Furn	8120272	4.000	Ea
0920	PTS, Temp, Oper	8120273	4.000	Ea
0925	Sign Cover	8120310	9.000	Ea
0930	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0935	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0940	Sign, Type B, Temp, Prismatic, Furn	8120350	1,834.000	Sft
0945	Sign, Type B, Temp, Prismatic, Oper	8120351	1,834.000	Sft
0950	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	138.000	Sft
0955	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	138.000	Sft
0960	Traf Regulator Control	8120370	1.000	LSUM
0965	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	32,680.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	4,000.000	Ft
0975	Rumble Strip, Temp, Portable, Furn	8122188	10.000	Ea
0980	Rumble Strip, Temp, Portable, Oper	8122189	10.000	Ea
0985	Riprap, Grouted	8130001	25.000	Syd
0990	Riprap, Plain	8130010	977.000	Syd

0995	_ HMA Spillway	8147011	68.000	Syd
1000	Site Preparation, Max \$10,300.00	8150001	1.000	LSUM
1005	Watering and Cultivating, First Season, Min \$5,000.00	8150002	1.000	LSUM
1010	Watering and Cultivating, 2nd Season, Min \$6,200.00	8150003	1.000	LSUM
1015	Acer rubrum, 2 inch	8150149	4.000	Ea
1020	Gymnocladus dioicus, 2 inch	8151676	11.000	Ea
1025	Malus 'Donald Wyman', 2 inch	8152303	7.000	Ea
1030	Picea glauca 'Densata', 5 foot	8152755	6.000	Ea
1035	Picea omorika, 5 foot	8152787	9.000	Ea
1040	Quercus robur, 2 inch	8153113	9.000	Ea
1045	Tilia americana, 2 inch	8153843	10.000	Ea
1050	_ Live Staking	8157011	280.000	Syd
1055	Slope Restoration, Non-Freeway, Type A	8162001	25,216.000	Syd
1060	Slope Restoration, Non-Freeway, Type B	8162002	23,614.000	Syd
1065	Slope Restoration, Non-Freeway, Type C	8162003	12,684.000	Syd
1070	Slope Restoration, Non-Freeway, Type D	8162004	9,295.000	Syd
1075	Slope Restoration, Non-Freeway, Type F	8162006	37,514.000	Syd
1080	_ Slope Restoration, Non-Freeway, Type G	8167011	7,473.000	Syd
1085	Digital Loop Detector, Salv	8200056	4.000	Ea
1090	Traf Loop	8200170	8.000	Ea
1095	Monument Box	8210001	4.000	Ea
1100	Monument Box Adj	8210005	1.000	Ea
1105	Monument Preservation	8210010	5.000	Ea
1110	Protect Corners	8210020	22.000	Ea
1115	Centerline Corrugations, Milled, HMA	8220013	30,610.000	Ft
1120	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	610,650.000	Ft
1125	Contractor Staking	8240001	1.000	LSUM
1130	Staking Plan Errors and Extras, Max \$180/hour	8240002	91.000	Hr



9/29/2023 7:53 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 012**Letting Date:** November 3, 2023**Contract ID:** 41131-215066

Description: Bridge rehabilitation including epoxy overlay, partial deck replacement, barrier replacement, expansion joint device replacement, lighting replacement, partial and full structural steel painting, pin and hanger replacement, structural steel repairs, substructure repairs and approach work on US-131NB over Connector to I-96 and US-131NB Connector over US-131SB, West River Drive and Marquette Railroad in the city of Walker, Kent County. This project includes a two year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215066A	23A0928	N/A	BFPI 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	34,325.000	Dlr
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0015	Dispute Review Board, Progress Meeting	1040050	14,000.000	Dlr
0020	Mobilization, Max \$467,100.00	1100001	1.000	LSUM
0025	Conc Barrier, Rem	2040010	63.000	Ft
0030	Pavt, Rem	2040050	803.000	Syd
0035	Embankment, CIP	2050010	69.000	Cyd
0040	Excavation, Earth	2050016	500.000	Cyd
0045	Erosion Control, Aggregate Cover	2080010	175.000	Syd
0050	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0060	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	6.000	Ea
0065	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0070	Erosion Control, Sand Bag	2080028	150.000	Ea
0075	Erosion Control, Silt Fence	2080036	1,330.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0085	_ Aggregate Base, Conditioning, Spec	3027011	100.000	Syd
0090	Shld, CI II, 6 inch	3070128	40.000	Syd
0095	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0100	Dr Structure Cover, Type K	4030050	1.000	Ea
0105	Underdrain, Subbase, 6 inch	4040063	150.000	Ft
0110	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0115	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0120	Video Inspection of Underdrain	4040200	150.000	Ft
0125	HMA Surface, Rem	5010005	133.000	Syd
0130	Joint, Expansion, E2	6020207	34.000	Ft

0135	Joint, Expansion, E3	6020208	280.000	Ft
0140	Joint, Expansion, E4	6020209	20.000	Ft
0145	Joint, Plane-of-Weakness, W	6020211	440.000	Ft
0150	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	60.000	Syd
0155	Shld, Nonreinf Conc, High Performance	6020524	30.000	Syd
0160	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	920.000	Syd
0165	Joint, Expansion, Erg	6030021	185.000	Ft
0170	_ Temp Haul Road	8007051	1.000	LSUM
0175	Curb and Gutter, Conc, Det D1	8020030	70.000	Ft
0180	Curb and Gutter, Bridge Approach, Det 1	8022010	91.000	Ft
0185	_ Curb and Gutter, Bridge Approach, Det 1, Modified	8027001	34.000	Ft
0190	_ Conc Barrier, Single Face, Type B, Modified	8047001	63.000	Ft
0195	Guardrail, Reconst, Type T	8070109	425.000	Ft
0200	Post, Steel, 3 pound	8100371	48.000	Ft
0205	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0210	Sign, Type II, Rem, Salv	8102002	3.000	Ea
0215	Ground Mtd Sign Support, Rem	8102010	3.000	Ea
0220	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	700.000	Ft
0225	Rem Spec Mrkg	8110343	500.000	Sft
0230	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	1,272.000	Ft
0235	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	8112148	929.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0250	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0255	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0265	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
0270	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0275	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0280	Conc Barrier Ending, Temp, Det 4, Adj	8120050	1.000	Ea
0285	Conc Barrier Ending, Temp, Det 4, Furn	8120051	1.000	Ea
0290	Conc Barrier Ending, Temp, Det 4, Oper	8120052	1.000	Ea
0295	Conc Barrier, Temp, Adj	8120080	600.000	Ft
0300	Conc Barrier, Temp, Furn	8120081	600.000	Ft
0305	Conc Barrier, Temp, Oper	8120082	600.000	Ft
0310	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0315	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0325	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0330	Ltg for Night Work	8120160	1.000	LSUM
0335	Minor Traf Devices	8120170	1.000	LSUM
0340	Mobile Attenuator	8120180	4.000	Ea
0345	Pavt Mrkg Cover, Type R, Black	8120200	1,200.000	Ft

0350	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	27,113.000	Ft
0355	Plastic Drum, Fluorescent, Furn	8120252	645.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	645.000	Ea
0365	Sign Cover	8120310	40.000	Ea
0370	Sign Cover, Type I	8120320	5.000	Ea
0375	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0380	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0385	Sign, Type B, Temp, Prismatic, Furn	8120350	2,257.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	2,257.000	Sft
0395	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	546.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	546.000	Sft
0405	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	19,160.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	10,845.000	Ft
0415	Speed Radar Trailer, Temp	8122028	3.000	Ea
0420	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	2,268.000	Ft
0425	Conc Barrier-Mtd Temp Sign System, Furn	8122192	20.000	Ea
0430	Conc Barrier-Mtd Temp Sign System, Oper	8122193	20.000	Ea
0435	_ Filling Shld Corrugations with Micro-Surface	8127001	3,000.000	Ft
0440	_ Hand Chipping Shld Corrugations	8127001	3,000.000	Ft
0445	Slope Restoration, Freeway, Type C	8162015	600.000	Syd
0450	Contractor Staking	8240001	1.000	LSUM
0455	Staking Plan Errors and Extras, Max \$180/hour	8240002	48.000	Hr

Section: 2

0460	_ Railroad Inspection and Flagging, Marquette Rail, LLC	1027060	50,000.000	Dlr
0465	_ Railroad Protection, Marquette Rail, LLC	1027060	20,000.000	Dlr
0470	Structure Demolition Plan, Complex (S06 of 41026)	2040064	1.000	LSUM
0475	Bridge Ltg, Furn and Rem (R03 of 41026)	7060001	1.000	LSUM
0480	Bridge Ltg, Furn and Rem (S06 of 41026)	7060001	1.000	LSUM
0485	Bridge Ltg, Oper and Maintain	7060002	291.000	Cyd
0490	Expansion Joint Device	7060050	428.000	Ft
0495	False Decking	7060060	26,500.000	Sft
0500	Reinforcement, Steel, Epoxy Coated	7060092	112,411.000	Lb
0505	Superstructure Conc, Form, Finish, and Cure, Night Casting (R03 of 41026)	7060112	1.000	LSUM
0510	Superstructure Conc, Form, Finish, and Cure, Night Casting (S06 of 41026)	7060112	1.000	LSUM
0515	Superstructure Conc, Night Casting, High Performance	7060117	225.000	Cyd
0520	Sealing Localized Cracks (R03 of 41026)	7060220	1.000	LSUM
0525	Sealing Localized Cracks (S06 of 41026)	7060220	1.000	LSUM
0530	Conc, Grade 4500HP	7062004	66.000	Cyd

0535	Aesthetic Texturing	7062005	415.000	Syd
0540	_ Fiber Reinf Polymer System for Conc Repr	7067010	700.000	Sft
0545	Bushing	7070030	64.000	Ea
0550	Shear Developers (R03 of 41026)	7070040	1.000	LSUM
0555	Shear Developers (S06 of 41026)	7070040	1.000	LSUM
0560	Joint Waterproofing	7100001	310.000	Sft
0565	Substructure Horizontal Surface Sealer (R03 of 41026)	7100030	86.000	Syd
0570	_ Silane Treatment	7107010	6,529.000	Sft
0575	Reflective Marker, Permanent Barrier	7110003	26.000	Ea
0580	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, High Performance	7112050	1,492.000	Ft
0585	Hand Chipping, Other Than Deck	7120007	378.000	Cft
0590	Patch, Full Depth	7120010	5.000	Cyd
0595	Patch, Forming	7120017	1,008.000	Sft
0600	Epoxy Ovly	7120020	3,112.000	Syd
0605	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	120.000	Ea
0610	Structures, Rehabilitation, Rem Portions (R03 of 41026)	7120070	1.000	LSUM
0615	Structures, Rehabilitation, Rem Portions (S06 of 41026)	7120070	1.000	LSUM
0620	Deck Joint, Rem	7120071	412.000	Ft
0625	Reinforcement, Mechanical Splice	7120084	340.000	Ea
0630	Top Flanges and Beam Ends, Clean and Coat	7120100	176.000	Syd
0635	Patching Conc, C-L	7120112	14.000	Cyd
0640	Embedded Galvanic Anode	7120120	1,313.000	Ea
0645	Hand Chipping, Full Depth	7122000	128.000	Cft
0650	Beam Plate, Seal Perimeter	7130010	820.000	Ft
0655	Hanger Assembly, Field Measurement	7130030	16.000	Ea
0660	Hanger Assembly, Rem and Erect	7130031	16.000	Ea
0665	Structural Steel, Furn and Fab, Pin and Hanger	7130070	4,266.000	Lb
0670	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	2,814.000	Lb
0675	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	218.000	Lb
0680	Support, Diaphragm, Temp	7130081	2.000	Ea
0685	Support, Suspension, Temp	7130082	16.000	Ea
0690	Steel Structure, Cleaning, Type 4 (S06 of 41026)	7150045	1.000	LSUM
0695	Steel Structure, Coating, Type 4 (S06 of 41026)	7150046	1.000	LSUM
0700	Steel Structure, Cleaning, Partial, Type 4 (R03 of 41026)	7150047	1.000	LSUM
0705	Steel Structure, Coating, Partial, Type 4 (R03 of 41026)	7150048	1.000	LSUM
0710	Slope Paving Header	8130015	100.000	Ft
0715	Slope Paving, Conc	8130020	124.000	Syd
0720	Conduit, Fiberglass, 2 inch, Structure	8182067	500.000	Ft
0725	Structure Survey During Construction (R03 of 41026)	8240020	1.000	LSUM
0730	Structure Survey During Construction (S06 of 41026)	8240020	1.000	LSUM



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 013**Letting Date:** November 3, 2023**Contract ID:** 59032-204218

Description: 4.52 mi of hot mix asphalt crushing, shaping, cold milling, and resurfacing, drainage improvements and pavement markings on M-91 from Kendaville Road north to M-46 in Montcalm County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204218A	FED/STATE	23A0979	ST 59032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$581,200.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.270	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	11.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	44.000	Ea
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0035	Stump, Rem, 6 inch to 18 inch	2020008	12.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	23.000	Ea
0045	Culv, Rem, 24 inch to 48 inch	2030002	7.000	Ea
0050	Dr Structure, Rem	2030011	1.000	Ea
0055	_ Edge Drain, Rem	2037001	3,100.000	Ft
0060	Curb and Gutter, Rem	2040020	134.000	Ft
0065	Pavt, Rem	2040050	200.000	Syd
0070	Ditch Cleanout	2050006	60.000	Sta
0075	Excavation, Earth	2050016	12,739.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0085	Subgrade Undercutting, Type II	2050041	4,000.000	Cyd
0090	Subgrade Undercutting, Type IV	2050043	250.000	Cyd
0095	_ Embankment, CIP, Spec	2057021	18,314.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	935.000	Ft
0105	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0115	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0120	Erosion Control, Sand Bag	2080028	100.000	Ea
0125	Erosion Control, Sediment Trap	2080034	81.000	Ea
0130	Erosion Control, Silt Fence	2080036	3,975.000	Ft
0135	_ Erosion Control, Check Dam, Stone, Spec	2087001	26.000	Ft

0140	Subbase, CIP	3010002	3,718.000	Cyd
0145	Aggregate Base	3020001	3,256.000	Ton
0150	Aggregate Base, 6 inch	3020016	1,842.000	Syd
0155	Aggregate Base, Conditioning	3020051	20.000	Sta
0160	HMA Base Crushing and Shaping	3050002	92,347.000	Syd
0165	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0170	Salv Crushed Material, LM	3050015	500.000	Cyd
0175	Maintenance Gravel	3060020	50.000	Ton
0180	Driveway Maintenance, Commercial	3062000	1.000	Ea
0185	Driveway Maintenance, Residential	3062001	45.000	Ea
0190	Approach, CI II	3070021	323.000	Ton
0195	Shld, CI II	3070121	2,110.000	Ton
0200	Trenching	3070200	446.000	Sta
0205	Geotextile, Separator, Non-Woven	3082000	200.000	Syd
0210	Geotextile, Stabilization, Non-Woven	3082001	50.000	Syd
0215	Road Grade Biaxial Geogrid	3082002	30.000	Syd
0220	Culv End Sect, 15 inch	4010015	26.000	Ea
0225	Culv End Sect, 18 inch	4010018	8.000	Ea
0230	Culv End Sect, Conc, 18 inch	4010049	12.000	Ea
0235	Culv End Sect, Conc, 24 inch	4010051	14.000	Ea
0240	Culv End Sect, Footing	4010072	63.000	Ea
0245	Culv, CI A, 18 inch	4010133	220.000	Ft
0250	Culv, CI E, 18 inch	4010541	346.000	Ft
0255	Culv, CI E, 24 inch	4010542	332.000	Ft
0260	Culv, CI F, 15 inch	4010608	504.000	Ft
0265	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0270	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	1.000	Ea
0275	Dr Marker Post	4011109	64.000	Ea
0280	Culv End Sect 24 inch, Grate	4012024	14.000	Ea
0285	Sewer, CI A, 24 inch, Tr Det A	4020007	56.000	Ft
0290	Trench Undercut and Backfill	4021260	20.000	Cyd
0295	Video Taping Sewer and Culv Pipe	4021275	444.000	Ft
0300	Dr Structure Cover, Type E	4030035	1.000	Ea
0305	Dr Structure, 48 inch dia	4030210	1.000	Ea
0310	Underdrain, Subbase, 6 inch	4040063	2,720.000	Ft
0315	Underdrain, Subgrade, 6 inch	4040073	4,500.000	Ft
0320	Underdrain Outlet, 6 inch	4040093	150.000	Ft
0325	Underdrain, Outlet Ending, 6 inch	4040113	15.000	Ea
0330	Video Inspection of Underdrain	4040200	7,220.000	Ft
0335	Cold Milling HMA Surface	5010002	3,003.000	Syd
0340	Bump Grinding	5010004	125.000	Syd
0345	HMA Surface, Rem	5010005	4,227.000	Syd
0350	HMA Quality Initiative	5010007	60,416.000	Dlr
0355	Longit Joint Density Quality Initiative	5010018	163,100.000	Dlr
0360	HMA Approach	5010061	871.000	Ton

0365	HMA, 3EML	5012013	9,641.000	Ton
0370	HMA, 4EML	5012025	11,252.000	Ton
0375	HMA, 5EML	5012037	8,444.000	Ton
0380	_ Ride Incentive	5017060	28,969.000	Dlr
0385	Conc Pavt, Nonreinf, 6 inch	6020100	36.000	Syd
0390	Curb and Gutter, Conc, Det B2	8020016	270.000	Ft
0395	Driveway Opening, Conc, Det M	8020050	104.000	Ft
0400	Curb Slp, HMA	8050010	3,095.000	Ft
0405	Post, Mailbox	8070095	44.000	Ea
0410	Post, Steel, 3 pound	8100371	56.000	Ft
0415	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0420	Sign, Type III, Rem, Salv	8102003	4.000	Ea
0425	Ground Mtd Sign Support, Rem	8102010	4.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	46.000	Ft
0435	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0440	Pavt Mrkg, Waterborne, 4 inch, White	8110231	87,508.000	Ft
0445	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	39,220.000	Ft
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	47,000.000	Ft
0455	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	26,500.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	47,000.000	Ft
0465	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	26,500.000	Ft
0470	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0475	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0485	Lighted Arrow, Type A, Furn	8120120	1.000	Ea
0490	Lighted Arrow, Type A, Oper	8120121	1.000	Ea
0495	Minor Traf Devices	8120170	1.000	LSUM
0500	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0505	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0510	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
0515	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	1,110.000	Sft
0525	Sign, Type B, Temp, Prismatic, Oper	8120351	1,110.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0535	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	47,000.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	26,500.000	Ft
0545	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	180.000	Ft
0550	Temp Rumble Strips (Orange), Stop Condition	8122186	550.000	Ft
0555	Riprap, Plain	8130010	250.000	Syd
0560	_ HMA Spillway	8147011	210.000	Syd

0565	Malus 'Centurion', 1 1/2 inch	8152295	2.000	Ea
0570	Slope Restoration, Non-Freeway, Type A	8162001	3,107.000	Syd
0575	Slope Restoration, Non-Freeway, Type B	8162002	59,024.000	Syd
0580	_ Vegetation Maintenance	8167012	2.000	Acre
0585	Monument Box	8210001	7.000	Ea
0590	Monument Box Adj	8210005	7.000	Ea
0595	Monument Preservation	8210010	7.000	Ea
0600	Centerline Corrugations, Milled, HMA	8220013	23,300.000	Ft
0605	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	46,600.000	Ft
0610	Contractor Staking	8240001	1.000	LSUM
0615	Staking Plan Errors and Extras, Max \$180/hour	8240002	83.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 231103 014**Letting Date:** November 3, 2023**Contract ID:** 82131-210866

Description: 10.96 mi of connected and automated vehicle device installation and wrong way driver system installation on M-1 from Adams Avenue northerly to I-696 in the cities of Detroit, Pleasant Ridge, and Royal Oak, Wayne and Oakland Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210866A	21A0269	N/A	ITS 82131
219114A	23A0931	N/A	ST 82131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$324,900.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	9.000	Syd
0015	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0020	Project Cleanup	2090001	1.000	LSUM
0025	_ Bolt, Adhesive Anchored, 3/8 inch	7127050	4.000	Ea
0030	Obstruction Rem	7180100	5,000.000	Dlr
0035	_ Cable, Ethernet, Long Distance, 600V	8007001	1,087.000	Ft
0040	_ Cable, Ethernet, Outdoor, 600V	8007001	19,722.000	Ft
0045	_ Cabinet Equipment, Power Distribution Unit, Rem and Salv	8007050	32.000	Ea
0050	_ Cabinet Modifications	8007050	32.000	Ea
0055	_ Cabinet Preparation	8007050	32.000	Ea
0060	_ Cellular Modem, 4G	8007050	21.000	Ea
0065	_ Connected Vehicle Roadside Processor	8007050	44.000	Ea
0070	_ Equipment Enclosure, ITS	8007050	11.000	Ea
0075	_ Flashing LED Border Sign, Alternative Current	8007050	16.000	Ea
0080	_ Flashing LED Border Sign, Solar	8007050	2.000	Ea
0085	_ Install MDOT Supplied Camera Control Unit	8007050	53.000	Ea
0090	_ Install MDOT Supplied Edge Analytics Device	8007050	53.000	Ea
0095	_ Install MDOT Supplied pan-tilt-zoom Camera	8007050	10.000	Ea
0100	_ Install MDOT Supplied Video Detection Camera	8007050	109.000	Ea
0105	_ ITS Cabinet, Ground Mtd	8007050	10.000	Ea
0110	_ Managed Field Ethernet Switch, Layer 3, 16 Port	8007050	53.000	Ea
0115	_ Power Distribution Unit	8007050	53.000	Ea
0120	_ Rack-Mtd Step-Down Transformer, 5kV AMP	8007050	3.000	Ea
0125	_ Rack-Mtd Step-Up Transformer, 5kV AMP	8007050	2.000	Ea

0130	_ Roadside Unit, Install	8007050	44.000	Ea
0135	_ Roadside Unit, Rem and Salv	8007050	32.000	Ea
0140	Sidewalk, Conc, 4 inch	8030044	9.000	Sft
0145	Post, Steel, 3 pound	8100371	56.000	Ft
0150	Post, Wood, 4 inch by 6 inch	8100380	240.000	Ft
0155	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0160	Sign, Type III, Rem	8100403	2.000	Ea
0165	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0170	Sign, Type III, Rem, Salv	8102003	1.000	Ea
0175	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0185	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Sign Cover	8120310	8.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	740.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	740.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	_ Horticultural Work	8157040	20.000	Hr
0235	_ Turf Establishment, Performance	8167011	3,942.000	Syd
0240	Power Company (Estimated Cost to Contractor)	8180001	3,550.000	Dlr
0245	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	530.000	Ft
0250	Conduit, Directional Bore, 1, 3 inch	8182035	2,880.000	Ft
0255	Conduit, Directional Bore, 2, 3 inch	8182037	565.000	Ft
0260	Conduit, DB, 1, 1 1/2 inch	8182048	585.000	Ft
0265	Conduit, DB, 1, 3 inch	8182050	3,475.000	Ft
0270	Conduit, DB, 2, 3 inch	8182053	1,540.000	Ft
0275	Conduit, DB, 3, 3 inch	8182056	10.000	Ft
0280	Conduit, DB, 4, 3 inch	8182059	260.000	Ft
0285	DB Cable, in Conduit, 600V, 1/C#4	8182185	3,740.000	Ft
0290	DB Cable, in Conduit, 600V, 1/C#6	8182187	8,950.000	Ft
0295	DB Cable, in Conduit, 600V, 1/C#8	8182188	7,595.000	Ft
0300	DB Cable, in Conduit, 600V, 1/C#10	8182189	6,895.000	Ft
0305	DB Cable, in Conduit, Rem	8182197	150.000	Ft
0310	Cable, Equipment Grounding Wire, 1/C#4	8182290	1,250.000	Ft
0315	Cable, Equipment Grounding Wire, 1/C#6	8182291	3,685.000	Ft
0320	Cable, Equipment Grounding Wire, 1/C#8	8182292	3,795.000	Ft
0325	Cable, Equipment Grounding Wire, 1/C#10	8182293	3,170.000	Ft
0330	Hh, Round, 3 foot dia	8182319	15.000	Ea
0335	Serv Disconnect, Rem	8182367	1.000	Ea
0340	_ Hh, Round, Ltg	8187050	34.000	Ea

0345	Light Std Fdn	8190279	8.000	Ea
0350	Light Std, Frangible Transformer Base	8190281	8.000	Ea
0355	Light Std Shaft, 30 foot or less	8190285	8.000	Ea
0360	Fdn, Rem	8200065	1.000	Ea
0365	Cabinet, Rem	8200184	1.000	Ea
0370	Contractor Staking	8240001	1.000	LSUM
0375	Staking Plan Errors and Extras, Max \$180/hour	8240002	35.000	Hr
0380	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0385	Lightning Protection, Pole	8260021	8.000	Ea
0390	Hh, Clean	8260030	82.000	Ea
0395	Conduit, Clean and Test	8260031	1,000.000	Ft
0400	Managed Field Ethernet Switch, Rem and Salv	8260084	32.000	Ea
0405	Power Serv, Underground, 30AMP, 120/240V	8260100	6.000	Ea
0410	Power Serv, Underground, 60AMP, 120/240V	8260101	1.000	Ea
0415	Safety Switch, Non-Fusible	8260108	2.000	Ea
0420	Safety Switch, Fusible	8260109	7.000	Ea
0425	Elec Rack	8260110	4.000	Ea
0430	_ Power Serv, Refurbish, 200AMP, 120/240V	8267050	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 231103 015

Letting Date: November 3, 2023

Contract ID: 70063-205235

Description: Installation of new ITS devices including Installation of dynamic message signs, spun concrete pole mounted cameras and microwave vehicle detection systems along I-96, US-131 and US-31, Ottawa, Allegan and Kent Counties. This project includes a five year material and workmanship warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205235A	23A0926	N/A	NH 70063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$354,100.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.200	Acre
0015	Guardrail, Rem	2040035	14.000	Ft
0020	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0025	Exploratory Investigation, Vertical	2040080	100.000	Ft
0030	Embankment, CIP	2050010	23.000	Cyd
0035	Excavation, Earth	2050016	138.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0045	_ Aggregate, 46G	2057021	5.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	42.000	Ea
0055	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0060	Erosion Control, Sediment Trap	2080034	10.000	Ea
0065	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0075	_ Aggregate Base, 16 inch	3027011	39.000	Syd
0080	Shld, CI II, 8 inch	3070130	662.000	Syd
0085	Underdrain Outlet, 4 inch	4040091	50.000	Ft
0090	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0095	Underdrain, Outlet Ending, 4 inch	4040111	5.000	Ea
0100	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0105	Video Inspection of Underdrain	4040200	100.000	Ft
0110	HMA Approach	5010061	9.000	Ton
0115	_ Conc Slab, Reinf, 9 inch	6027011	25.000	Syd
0120	Temp Casing-Left in Place	7180121	57.000	Ft
0125	Dynamic Message Sign, Fdn	7180200	66.000	Ft
0130	_ Fiber Optic, Cable, Reinstall	8007001	160.000	Ft
0135	_ Fiber Optic, Cable, Rem	8007001	150.000	Ft

0140	_ Antenna Support, Install on Dynamic Message Sign	8007050	1.000	Ea
0145	_ Cabinet Modification	8007050	2.000	Ea
0150	_ Cellular Modem, 4G	8007050	13.000	Ea
0155	_ Dynamic Message Sign, Full Color, 20mm, 96 by 400	8007050	3.000	Ea
0160	_ ITS Cabinet, Ground Mtd	8007050	3.000	Ea
0165	_ ITS Cabinet, Pole Mtd	8007050	11.000	Ea
0170	_ Managed Field Ethernet Switch, Layer 2, Modified	8007050	1.000	Ea
0175	_ Pad-Mtd Transformer, 30kV AMP	8007050	2.000	Ea
0180	_ Power Distribution Unit	8007050	14.000	Ea
0185	_ Rack-Mtd Step-Down Transformer, 7.5kV AMP	8007050	2.000	Ea
0190	_ Rack-Mtd Step-Up Transformer, 7.5kV AMP	8007050	2.000	Ea
0195	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0200	_ Integration, PCMS, NTCIP Compliant with ATMS Software	8007051	1.000	LSUM
0205	_ System Testing	8007051	1.000	LSUM
0210	Conc Barrier, Single Face, Type C	8040003	27.000	Ft
0215	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0220	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0225	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0230	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0235	Guardrail Reflector	8070080	20.000	Ea
0240	Guardrail, Reconst, Type B	8070105	25.000	Ft
0245	Guardrail, Reconst, Type MGS-8	8072078	25.000	Ft
0250	Guardrail, Type T, 84 inch Post	8072175	113.000	Ft
0255	Guardrail, Type MGS-8, 72 inch Post	8072179	792.000	Ft
0260	_ Guardrail Post, Slab, Adhesive Anchored	8077050	7.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0275	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	2.000	Ea
0295	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0300	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0305	Sign Cover	8120310	5.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0315	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	760.000	Sft
0325	Sign, Type B, Temp, Prismatic, Oper	8120351	760.000	Sft
0330	_ Landscape Fabric	8157011	160.000	Syd
0335	Slope Restoration, Freeway, Type A	8162013	7,000.000	Syd

0340	_ Mulch Blanket, Modified	8167011	2,500.000	Syd
0345	_ Mulch, Shredded Bark	8167011	160.000	Syd
0350	_ Slope Restoration, Non-Phosphorus Fertilizer	8167011	190.000	Syd
0355	Power Company (Estimated Cost to Contractor)	8180001	24,700.000	Dlr
0360	Conduit, Rem	8182000	25.000	Ft
0365	Conduit, Directional Bore, 1, 3 inch	8182035	2,775.000	Ft
0370	Conduit, Directional Bore, 2, 3 inch	8182037	465.000	Ft
0375	Conduit, Directional Bore, 3, 3 inch	8182039	260.000	Ft
0380	Conduit, DB, 1, 1 1/2 inch	8182048	935.000	Ft
0385	Conduit, DB, 1, 3 inch	8182050	1,990.000	Ft
0390	Conduit, DB, 2, 3 inch	8182053	120.000	Ft
0395	Conduit, DB, 4, 3 inch	8182059	85.000	Ft
0400	DB Cable, in Conduit, 600V, 1/C#2	8182182	17,685.000	Ft
0405	DB Cable, in Conduit, 600V, 1/C#6	8182187	3,975.000	Ft
0410	Cable, Equipment Grounding Wire, 1/C#2	8182288	5,895.000	Ft
0415	Cable, Equipment Grounding Wire, 1/C#6	8182291	1,325.000	Ft
0420	Hh, Round, 3 foot dia	8182319	4.000	Ea
0425	_ Conduit, DB, 1, 2 inch	8187001	15.000	Ft
0430	_ Conduit, DB, 3, 2 inch	8187001	20.000	Ft
0435	_ Hh, Round, Elec	8187050	38.000	Ea
0440	Contractor Staking	8240001	1.000	LSUM
0445	Staking Plan Errors and Extras, Max \$180/hour	8240002	39.000	Hr
0450	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0455	Lightning Protection, Pole	8260021	11.000	Ea
0460	Lightning Protection, Structure, Large Dynamic Message Sign	8260022	3.000	Ea
0465	Dynamic Message Sign, Support Structure	8260025	3.000	Ea
0470	Hh, Clean	8260030	5.000	Ea
0475	Conduit, Clean and Test	8260031	125.000	Ft
0480	Microwave Vehicle Detection System	8260040	10.000	Ea
0485	Fiber Optic, Cable, Single Mode Fiber, 12 Strand	8260047	480.000	Ft
0490	Fiber Optic, Hardware Assembly, Small	8260065	1.000	Ea
0495	Fiber Optic, Marker, Above Ground	8260069	15.000	Ea
0500	Tracer Wire	8260070	470.000	Ft
0505	Fiber Optic, Pigtail	8260071	24.000	Ea
0510	Fiber Optic, Jumper	8260072	10.000	Ea
0515	Managed Field Ethernet Switch, Layer 2	8260080	13.000	Ea
0520	Power Serv, Underground, 30AMP, 120/240V	8260100	10.000	Ea
0525	Safety Switch, Fusible	8260109	10.000	Ea
0530	Elec Rack	8260110	10.000	Ea
0535	Uninterruptible Power Supply, ITS Cabinet	8260140	3.000	Ea
0540	Drilled Shaft and Conc Skirt, Add Depth	8260147	10.000	Ft
0545	Flowable Fill, Spun Pole Fdn	8260149	22.000	Cyd
0550	Spun Conc Pole, Type A	8260152	11.000	Ea
0555	Drilled Shaft and Conc Skirt, Cased	8260155	11.000	Ea

0560	Surveillance System, Remote Site, Type A	8260157	12.000	Ea
0565	System Integration and Testing	8260160	1.000	LSUM
0570	_ Drilled Shaft, Add Depth, Aggregate	8267001	10.000	Ft
0575	_ Power Serv, Refurbish, 200AMP, 120/240V	8267050	1.000	Ea
0580	_ Power Serv, Underground, 100AMP, 120/240V	8267050	1.000	Ea
0585	_ Power Serv, Underground, 150AMP, 120/240V	8267050	1.000	Ea



9/29/2023 7:53 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 016**Letting Date:** November 3, 2023**Contract ID:** 63111-208228

Description: 4.46 mi of concrete reconstruction, ramp reconfiguration, pavement repairs, drainage, concrete curb, gutter and sidewalk, traffic signal upgrades, signing, and pavement markings on I-75BL (Square Lake Road) from M-1 to I-75 interchange ramps in the city of Pontiac, Oakland County. This project includes a five year materials and workmanship pavement warranty. This project is an OJT VIP Project. Please see Special Provision for Preparation and Consideration of Bids of On-The-Job Training Voluntary Incentive Program Projects.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208228A	23A0983	N/A	NH 63111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	25,281.000	Dlr
0010	_ Railroad Inspection and Flagging, Grand Trunk Western Railroad Company	1027060	7,500.000	Dlr
0015	_ Railroad Protection, Grand Trunk Western Railroad Company	1027060	50,000.000	Dlr
0020	Mobilization, Max \$1,398,500.00	1100001	1.000	LSUM
0025	Clearing	2010001	0.830	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	6.000	Ea
0045	Culv, End, Rem, Over 48 inch	2030007	1.000	Ea
0050	Dr Structure, Rem	2030011	48.000	Ea
0055	Sewer, Rem, Less than 24 inch	2030015	1,855.000	Ft
0060	Curb and Gutter, Rem	2040020	491.000	Ft
0065	Fence, Rem	2040025	34.000	Ft
0070	Guardrail, Rem	2040035	3,519.000	Ft
0075	Pavt, Rem	2040050	61,929.000	Syd
0080	Sidewalk, Rem	2040055	901.000	Syd
0085	Structures, Rem Portions	2040061	1.000	LSUM
0090	Exploratory Investigation, Vertical	2040080	250.000	Ft
0095	Backfill, Swamp	2050001	576.000	Cyd
0100	Ditch Cleanout	2050006	27.000	Sta
0105	Embankment, CIP	2050010	3,387.000	Cyd
0110	Excavation, Earth	2050016	48,018.000	Cyd
0115	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,000.000	Cyd

0120	Subgrade Undercutting, Type I	2050040	250.000	Cyd
0125	Subgrade Undercutting, Type II	2050041	2,007.000	Cyd
0130	Subgrade Undercutting, Type IV	2050043	1,254.000	Cyd
0135	Flowable Fill, Non-Structural	2050148	3.000	Cyd
0140	_ Embankment, CIP, Wetland	2057021	14.000	Cyd
0145	_ Subgrade Undercutting, Modified	2057021	502.000	Cyd
0150	Backfill, Structure, CIP	2060002	33.000	Cyd
0155	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0160	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0165	Erosion Control, Inlet Protection, Fabric Drop	2080020	105.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0175	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0180	Erosion Control, Silt Fence	2080036	4,167.000	Ft
0185	Project Cleanup	2090001	1.000	LSUM
0190	Subbase, CIP	3010002	16,784.000	Cyd
0195	Aggregate Base, 4 inch	3020010	989.000	Syd
0200	Aggregate Base, 6 inch	3020016	773.000	Syd
0205	Aggregate Base, 8 inch	3020020	985.000	Syd
0210	Open-Graded Dr Cse, 16 inch	3030016	75,622.000	Syd
0215	Maintenance Gravel	3060020	1,000.000	Ton
0220	Driveway Maintenance, Commercial	3062000	1.000	Ea
0225	Driveway Maintenance, Residential	3062001	7.000	Ea
0230	Shld, CI II, 6 inch	3070128	1,937.000	Syd
0235	Geotextile, Separator	3080005	83,791.000	Syd
0240	Geotextile, Stabilization	3080010	753.000	Syd
0245	Road Grade Biaxial Geogrid	3082002	753.000	Syd
0250	Culv End Sect, 12 inch	4010012	3.000	Ea
0255	Culv End Sect, Footing	4010072	3.000	Ea
0260	Dr Marker Post	4011109	64.000	Ea
0265	Steel Casing Pipe, 24 inch, Jacked in Place	4011134	55.000	Ft
0270	_ Culv Extension, Reinf Conc Ellip, CI IV, 38 inch by 60 inch, Spec	4017050	1.000	Ea
0275	_ CIP Collar	4017051	1.000	LSUM
0280	_ CIP Outfall	4017051	1.000	LSUM
0285	Sewer, CI A, 15 inch, Tr Det A	4020005	32.000	Ft
0290	Sewer, CI A, 12 inch, Tr Det B	4020033	2,816.000	Ft
0295	Sewer, CI E, 12 inch, Tr Det B	4020600	583.000	Ft
0300	Sewer Tap, 8 inch	4021202	1.000	Ea
0305	Sewer Tap, 12 inch	4021204	1.000	Ea
0310	Sewer Tap, 15 inch	4021205	4.000	Ea
0315	Sewer Tap, 24 inch	4021207	1.000	Ea
0320	Sewer Tap, 30 inch	4021208	6.000	Ea
0325	Video Taping Sewer and Culv Pipe	4021275	1,800.000	Ft
0330	_ Culvert Cleanout	4027001	393.000	Ft
0335	_ Cured-In-Place Mh Lining	4027001	39.000	Ft

0340	_ Cured-In-Place Pipe, Point Repair, 12 inch	4027001	20.000	Ft
0345	_ Cured-In-Place Pipe, Point Repair, 15 inch	4027001	260.000	Ft
0350	_ Cured-In-Place Pipe, Point Repair, 24 inch	4027001	70.000	Ft
0355	_ Cured-In-Place Pipe, Point Repair, 27 inch	4027001	413.000	Ft
0360	_ Cured-In-Place Pipe, Point Repair, 30 inch	4027001	1,887.000	Ft
0365	_ Perforated Sewer, 48 inch	4027001	277.000	Ft
0370	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0375	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0380	Dr Structure Cover, Type B	4030010	17.000	Ea
0385	Dr Structure Cover, Type C	4030015	7.000	Ea
0390	Dr Structure Cover, Type J	4030045	85.000	Ea
0395	Dr Structure, 48 inch dia	4030210	97.000	Ea
0400	Dr Structure, 60 inch dia	4030220	1.000	Ea
0405	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	7.000	Ft
0410	Dr Structure, Tap, 12 inch	4030312	19.000	Ea
0415	_ Dr Outlet Control Structure, 72 inch dia	4037050	1.000	Ea
0420	_ Utility Structure Cover, Adjust, Case 1	4037050	3.000	Ea
0425	_ Stormwater Hydrodynamic Separator No. _HS 101_	4037051	1.000	LSUM
0430	_ Stormwater Hydrodynamic Separator No. _HS 102_	4037051	1.000	LSUM
0435	Underdrain, Subbase, 6 inch	4040063	23,931.000	Ft
0440	Underdrain, Subgrade, 6 inch	4040073	570.000	Ft
0445	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	175.000	Ft
0450	Underdrain Outlet, 6 inch	4040093	858.000	Ft
0455	Underdrain, Outlet Ending, 6 inch	4040113	39.000	Ea
0460	Video Inspection of Underdrain	4040200	23,931.000	Ft
0465	Pavt, Cleaning	5010001	1.000	LSUM
0470	Bump Grinding	5010004	1,906.000	Syd
0475	HMA Surface, Rem	5010005	18,986.000	Syd
0480	HMA Quality Initiative	5010007	51,386.000	Dlr
0485	Pavt for Butt Joints, Rem	5010008	751.000	Syd
0490	Longit Joint Density Quality Initiative	5010018	13,321.000	Dlr
0495	Hand Patching	5010025	3.000	Ton
0500	HMA Approach	5010061	4,312.000	Ton
0505	HMA Approach, High Stress	5010520	1,209.000	Ton
0510	HMA, 3EML	5012013	6,857.000	Ton
0515	HMA, 4EML	5012025	4,572.000	Ton
0520	HMA, 5EML	5012037	4,304.000	Ton
0525	HMA, 3EML, High Stress	5012061	2,046.000	Ton
0530	HMA, 4EML, High Stress	5012073	1,365.000	Ton
0535	HMA, 5EML, High Stress	5012085	1,025.000	Ton
0540	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	127.000	Syd
0545	Joint, Contraction, Crg	6030020	1,877.000	Ft
0550	Lane Tie, Epoxy Anchored	6030030	1,851.000	Ea
0555	Pavt Repr, Nonreinf Conc, 9 1/2 inch	6030047	1,544.000	Syd

0560	Pavt Repr, Rem	6030080	1,544.000	Syd
0565	_ Chain Link Fence, Rem, Salv, and Reinstall	8007001	34.000	Ft
0570	_ Screen Wall, Rem, Salv, and Reinstall	8007001	23.000	Ft
0575	_ Segmental Wall, Leveling Pad	8007001	30.000	Ft
0580	_ Wood Fence, Rem, Salv, and Reinstall	8007001	20.000	Ft
0585	_ Segmental Wall, Reinf, Furn	8007010	79.000	Sft
0590	_ Segmental Wall, Reinf, Install	8007010	79.000	Sft
0595	_ Backfill, Select, Spec	8007021	6.000	Cyd
0600	_ Maintaining Water Sprinkler Systems	8007050	3.000	Ea
0605	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0610	Driveway, Nonreinf Conc, 6 inch	8010005	80.000	Syd
0615	Driveway, Nonreinf Conc, 8 inch	8010007	497.000	Syd
0620	Curb and Gutter, Conc, Det B2	8020016	13,222.000	Ft
0625	Curb and Gutter, Conc, Det D2	8020031	1,655.000	Ft
0630	Driveway Opening, Conc, Det M	8020050	422.000	Ft
0635	Detectable Warning Surface	8030010	142.000	Ft
0640	Curb Ramp Opening, Conc	8030030	192.000	Ft
0645	Sidewalk, Conc, 4 inch	8030044	6,824.000	Sft
0650	Sidewalk, Conc, 6 inch	8030046	1,976.000	Sft
0655	Sidewalk, Conc, 8 inch	8030048	2,997.000	Sft
0660	Curb Ramp, Conc, 6 inch	8032002	1,238.000	Sft
0665	_ Curb Ramp, Conc, 8 inch	8037010	59.000	Sft
0670	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0675	Guardrail Departing Terminal, Type MGS	8070052	5.000	Ea
0680	Guardrail Reflector	8070080	74.000	Ea
0685	Guardrail, Type MGS-8, 72 inch Post	8072179	1,016.000	Ft
0690	Guardrail, Type MGS-8, 108 inch Post	8072180	2,349.000	Ft
0695	_ Enhanced Delineation, Unidirectional, Guardrail, Post Mtd	8077001	3,365.000	Ft
0700	Fence, Protective	8080007	34.000	Ft
0705	Fence, Chain Link, 72 inch	8080013	354.000	Ft
0710	Bridge Sign Connection, Steel, Type A1	8100060	2.000	Ea
0715	Bridge Sign Connection, Steel, Type E	8100064	2.000	Ea
0720	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
0725	Bridge Sign Connection, Type E, Rem	8100084	1.000	Ea
0730	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
0735	Cantilever, Rem	8100090	1.000	Ea
0740	Column, Breakaway, W8 x 13	8100120	12.000	Ea
0745	Column, Breakaway, W8 x 18	8100121	4.000	Ea
0750	Delineator Reflector, Red	8100131	80.000	Ea
0755	Delineator Reflector, Yellow	8100132	86.000	Ea
0760	Delineator Reflector, White	8100134	141.000	Ea
0765	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	29.000	Ea
0770	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	16.000	Ea

0775	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	50.000	Ea
0780	Fdn, Breakaway, W8 x 13	8100160	12.000	Ea
0785	Fdn, Breakaway, W8 x 18	8100161	4.000	Ea
0790	Fdn, Column Breakaway, Rem	8100220	14.000	Ea
0795	Fdn, Wood Support, Rem	8100280	27.000	Ea
0800	Post, Flexible, Delineator	8100360	79.000	Ea
0805	Post, Rigid, Delineator	8100361	296.000	Ea
0810	Post, Steel, 3 pound	8100371	3,655.000	Ft
0815	Post, Wood, 4 inch by 6 inch	8100380	871.000	Ft
0820	Post, Wood, 6 inch by 8 inch	8100382	344.000	Ft
0825	Sign, Type I, Rem	8100391	15.000	Ea
0830	Sign, Type IA	8100392	1,598.000	Sft
0835	Sign, Type IB	8100393	140.000	Sft
0840	Sign, Type II, Rem	8100397	28.000	Ea
0845	Sign, Type IIA	8100398	467.000	Sft
0850	Sign, Type IIB	8100399	175.000	Sft
0855	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0860	Sign, Type III, Rem	8100403	200.000	Ea
0865	Sign, Type IIIA	8100404	663.000	Sft
0870	Sign, Type IIIB	8100405	671.000	Sft
0875	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0880	Sign, Type V, Rem	8100421	11.000	Ea
0885	Sign, Type VA	8100424	98.000	Sft
0890	Sign, Type VB	8100425	383.000	Sft
0895	Reflective Panel for Permanent Sign Support, 3 foot	8100613	38.000	Ea
0900	Reflective Panel for Permanent Sign Support, 6 foot	8100616	21.000	Ea
0905	Bracket, H	8100650	15.000	Ea
0910	Sign, Type III, Rem, Salv	8102003	9.000	Ea
0915	Ground Mtd Sign Support, Rem	8102010	254.000	Ea
0920	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	3.000	Ea
0925	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0930	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	4.000	Ea
0935	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	5.000	Ea
0940	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0945	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	5.000	Ea
0950	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	542.000	Ft
0955	Pavt Mrkg, Polyurea, 6 inch, White	8110094	33,694.000	Ft
0960	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	21,488.000	Ft
0965	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	4.000	Ea
0970	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,724.000	Ft
0975	Pavt Mrkg, Polyurea, 12 inch, White	8110111	7,149.000	Ft
0980	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	300.000	Ft
0985	Rem Spec Mrkg	8110343	116.000	Sft

0990	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0995	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	1,944.000	Ft
1000	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Shadow Tape, Black	8110390	105.000	Ft
1005	Recessing Pavt Mrkg, Longit	8110450	56,696.000	Ft
1010	Recessing Pavt Mrkg, Transv	8110451	9,195.000	Sft
1015	Recessing Pavt Mrkg, Guide Line	8110453	226.000	Ft
1020	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	226.000	Ft
1025	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	95.000	Ea
1030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	95.000	Ea
1035	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
1040	Pedestrian Type II Channelizer, Temp	8120027	2,200.000	Ft
1045	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	65.000	Ea
1050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	65.000	Ea
1055	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
1060	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
1065	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	1.000	Ea
1070	Conc Barrier, Temp, Furn	8120081	1,000.000	Ft
1075	Conc Barrier, Temp, Oper	8120082	1,000.000	Ft
1080	High Intensity Light, Type B, Furn	8120110	1.000	Ea
1085	High Intensity Light, Type B, Oper	8120111	1.000	Ea
1090	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1095	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1100	Minor Traf Devices	8120170	1.000	LSUM
1105	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,090.000	Ft
1110	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	725.000	Ft
1115	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,575.000	Ft
1120	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
1125	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
1130	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	10.000	Ea
1135	Sign Cover	8120310	40.000	Ea
1140	Sign Cover, Type I	8120320	20.000	Ea
1145	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
1150	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
1155	Sign, Type A, Temp, Prismatic, Furn	8120340	230.000	Sft
1160	Sign, Type A, Temp, Prismatic, Oper	8120341	230.000	Sft
1165	Sign, Type B, Temp, Prismatic, Furn	8120350	4,494.000	Sft
1170	Sign, Type B, Temp, Prismatic, Oper	8120351	4,494.000	Sft
1175	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	466.000	Sft
1180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	466.000	Sft
1185	Traf Regulator Control	8120370	1.000	LSUM

1190	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	20,100.000	Ft
1195	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	17,749.000	Ft
1200	Speed Radar Trailer, Temp	8122028	2.000	Ea
1205	Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8122111	9.000	Ea
1210	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
1215	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
1220	Pedestrian Path, Temp	8122250	1,490.000	Ft
1225	Pedestrian Ramp, Temp	8122251	11.000	Ea
1230	_ Pedestrian Barrier with Fence, Temp	8127001	100.000	Ft
1235	Riprap, Heavy	8130005	43.000	Syd
1240	Riprap, Plain	8130010	63.000	Syd
1245	Acer rubrum, 2 inch	8150149	7.000	Ea
1250	Amelanchier canadensis, tree form, 2 inch	8150320	1.000	Ea
1255	Celtis occidentalis, 2 inch	8150780	8.000	Ea
1260	_ Slope Restoration, Wetland	8167011	284.000	Syd
1265	_ Turf Establishment, Performance	8167011	42,971.000	Syd
1270	Power Company (Estimated Cost to Contractor)	8180001	22,000.000	Dlr
1275	Conduit, Rem	8182000	420.000	Ft
1280	Conduit, Directional Bore, 1, 3 inch	8182035	1,055.000	Ft
1285	Conduit, Directional Bore, 2, 3 inch	8182037	1,750.000	Ft
1290	Conduit, Directional Bore, 3, 3 inch	8182039	210.000	Ft
1295	Conduit, DB, 1, 1 1/2 inch	8182048	200.000	Ft
1300	Conduit, DB, 1, 3 inch	8182050	95.000	Ft
1305	Conduit, DB, 2, 3 inch	8182053	6,070.000	Ft
1310	Conduit, DB, 3, 3 inch	8182056	40.000	Ft
1315	Conduit, DB, 4, 3 inch	8182059	55.000	Ft
1320	Conduit, DB, 1, 1 inch	8182060	20.000	Ft
1325	DB Cable, in Conduit, 600V, 1/C#4	8182185	5,640.000	Ft
1330	Cable, Sec, 600V, 1, 3/C#6	8182238	250.000	Ft
1335	Hh, Polymer Conc	8182309	4.000	Ea
1340	Hh, Round	8182310	6.000	Ea
1345	Hh, Round, 3 foot dia	8182319	16.000	Ea
1350	Hh, Rem	8182330	8.000	Ea
1355	Wood Pole, Cl 4, 30 foot	8182349	1.000	Ea
1360	Wood Pole, Rem	8182363	2.000	Ea
1365	Serv Disconnect	8182366	2.000	Ea
1370	Serv Disconnect, Rem	8182367	2.000	Ea
1375	Wood Pole, Fit Up, Metered Sec Elec Serv	8182375	1.000	Ea
1380	_ Hh, Round, Elec	8187050	11.000	Ea
1385	_ Hh, Type D	8187050	3.000	Ea
1390	_ Power Distribution Unit	8187050	3.000	Ea
1395	Case Sign, Rem	8200020	4.000	Ea
1400	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea

1405	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
1410	Controller and Cabinet, Rem	8200030	2.000	Ea
1415	Controller Fdn, Base Mtd	8200045	2.000	Ea
1420	Controller Fdn, Rem	8200046	1.000	Ea
1425	Global Positioning System Module, Rem	8200053	1.000	Ea
1430	Fdn, Rem	8200065	4.000	Ea
1435	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	2.000	Ea
1440	Pedestal, Fdn	8200105	5.000	Ea
1445	Pedestal Fdn, Rem	8200106	3.000	Ea
1450	Pedestal, Rem	8200110	3.000	Ea
1455	Pedestal, Pushbutton, Alum	8200118	5.000	Ea
1460	Pushbutton and Sign	8200121	5.000	Ea
1465	Pushbutton, Rem	8200122	2.000	Ea
1470	Span Wire	8200140	6.000	Ea
1475	Span Wire, Rem	8200141	2.000	Ea
1480	Span Wire Tether	8200142	6.000	Ea
1485	Steel Pole, Rem	8200145	4.000	Ea
1490	Strain Pole, Steel, Anchor Base, 30 foot	8200155	5.000	Ea
1495	Strain Pole, Steel, Anchor Base, 36 foot	8200157	2.000	Ea
1500	Guy, Rem	8200167	1.000	Ea
1505	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
1510	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1515	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1520	TS, Span Wire Mtd, Rem	8200182	7.000	Ea
1525	Cabinet, NEMA Type	8200186	2.000	Ea
1530	TS, One Way Bracket Arm Mtd	8200220	1.000	Ea
1535	TS, One Way Span Wire Mtd (LED)	8200313	16.000	Ea
1540	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
1545	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1550	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1555	Bracket, Truss, with 18 foot Arm	8200378	2.000	Ea
1560	Video Traf Detection Camera, Rem	8200384	4.000	Ea
1565	Bracket, Truss, Rem	8200388	4.000	Ea
1570	Hemispherical Video Detection Camera	8200444	2.000	Ea
1575	Hemispherical Video Detection System	8200445	1.000	Ea
1580	TS Face, Bag	8200458	60.000	Ea
1585	TS Face, Bag, Rem	8200459	60.000	Ea
1590	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
1595	Strain Pole Fdn, 6 Bolt	8200470	142.000	Ft
1600	Casing	8200480	102.000	Ft
1605	Backplate, TS	8200501	18.000	Ea
1610	_ Controller, NEMA, ATC Type	8207050	2.000	Ea
1615	_ Hh, Type D	8207050	1.000	Ea

1620	_ ITS Cabinet, Ground Mtd	8207050	2.000	Ea
1625	_ ITS Cabinet, Pole Mtd	8207050	1.000	Ea
1630	Freeway Shld Corrugations, Milled, HMA	8222001	3,434.000	Ft
1635	Hydrant, Relocate, Case 2	8230096	1.000	Ea
1640	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
1645	Gate Box, Adj, Case 1	8230431	1.000	Ea
1650	Contractor Staking	8240001	1.000	LSUM
1655	Staking Plan Errors and Extras, Max \$180/hour	8240002	177.000	Hr
1660	Sanitary Structure, 48 inch dia	8252072	1.000	Ea
1665	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	7.000	Ft
1670	Sanitary Structure Cover, Type Q	8252098	1.000	Ea
1675	Sanitary Structure, Rem	8252105	1.000	Ea
1680	Sanitary Structure, Tap, 10 inch	8252112	4.000	Ea
1685	Sanitary Structure, Adj, Add Depth	8252140	8.000	Ft
1690	Sanitary Structure Cover, Adj, Case 1	8252145	4.000	Ea
1695	_ Cured-In-Place Pipe Lining, 10 inch	8257001	846.000	Ft
1700	_ Cured-In-Place Pipe Lining, 8 inch	8257001	383.000	Ft
1705	_ Truss Pipe, PVC, 10 inch	8257001	222.000	Ft
1710	_ Truss Pipe, PVC, 8 inch	8257001	5.000	Ft
1715	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1720	Lightning Protection, Pole	8260021	10.000	Ea
1725	Hh, Clean	8260030	1.000	Ea
1730	Conduit, Clean and Test	8260031	30.000	Ft
1735	Microwave Vehicle Detection System	8260040	2.000	Ea
1740	Fiber Optic, Cable, Single Mode Fiber, 24 Strand	8260048	18,080.000	Ft
1745	Fiber Optic, Cable, Single Mode Fiber, 60 Strand	8260051	8,750.000	Ft
1750	Fiber Optic, Splice Cabinet	8260064	1.000	Ea
1755	Fiber Optic, Hardware Assembly, Small	8260065	5.000	Ea
1760	Fiber Optic, Hardware Assembly, Medium	8260066	1.000	Ea
1765	Fiber Optic, Marker, Above Ground	8260069	33.000	Ea
1770	Tracer Wire	8260070	8,055.000	Ft
1775	Fiber Optic, Pigtail	8260071	24.000	Ea
1780	Fiber Optic, Jumper	8260072	12.000	Ea
1785	Managed Field Ethernet Switch, Layer 2	8260080	3.000	Ea
1790	Power Serv, Underground, 30AMP, 120/240V	8260100	2.000	Ea
1795	Power Serv, Overhead, 30AMP, 120/240V	8260104	1.000	Ea
1800	Flowable Fill, Spun Pole Fdn	8260149	4.000	Cyd
1805	Spun Conc Pole, Type B	8260153	2.000	Ea
1810	Drilled Shaft and Conc Skirt, Cased	8260155	2.000	Ea
1815	Surveillance System, Remote Site, Type A	8260157	1.000	Ea
1820	Surveillance System, Remote Site, Type B	8260158	2.000	Ea
1825	System Integration and Testing	8260160	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 231103 017**Letting Date:** November 3, 2023**Contract ID:** 72022-204266

Description: 9.95 mi of hot mix asphalt cold milling and resurfacing, pedestrian path accessibility upgrades, concrete curb and gutter removal and replacement, waterproofing membrane placement and pavement markings on M-55 from west of US-127 to M-18 (north junction), Roscommon County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204266A	N/A	N/A	M 72022
219184A	N/A	N/A	M 72022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$481,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	11,800.000	Ft
0015	Sidewalk, Rem	2040055	30.000	Syd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	315.000	Ea
0025	Approach, CI I	3070001	675.000	Ton
0030	Dr Structure Cover, Adj, Case 1	4030005	23.000	Ea
0035	Dr Structure Cover, Type K	4030050	15.000	Ea
0040	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0045	_ Accessible Dr Structure Cover	4037050	3.000	Ea
0050	Cold Milling HMA Surface	5010002	282,400.000	Syd
0055	HMA Surface, Rem	5010005	5,100.000	Syd
0060	HMA Quality Initiative	5010007	50,600.000	Dlr
0065	Longit Joint Density Quality Initiative	5010018	158,900.000	Dlr
0070	Hand Patching	5010025	800.000	Ton
0075	HMA Approach	5010061	700.000	Ton
0080	HMA, 5EML	5012037	23,800.000	Ton
0085	Curb and Gutter, Conc, Det F4	8020038	10,700.000	Ft
0090	Detectable Warning Surface	8030010	1,025.000	Ft
0095	Curb Ramp Opening, Conc	8030030	975.000	Ft
0100	Sidewalk, Conc, 4 inch	8030044	8,150.000	Sft
0105	Curb Ramp, Conc, 4 inch	8032001	5,500.000	Sft
0110	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0115	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
0125	Pavt Mrkg, Ovly Cold Plastic, School	8110074	8.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow	8110076	4.000	Ea

	Sym			
0135	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
0140	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,800.000	Ft
0145	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	45.000	Ft
0150	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	800.000	Ft
0155	Pavt Mrkg, Waterborne, 6 inch, White	8110233	30,100.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	111,500.000	Ft
0165	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,000.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	30,100.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	111,500.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	1,000.000	Ft
0185	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0190	Recessing Pavt Mrkg, Transv	8110451	2,500.000	Sft
0195	Recessing Pavt Mrkg, Guide Line	8110453	50.000	Ft
0200	Protective Ovly, Snowmobile Trail Crossing	8110550	75.000	Syd
0205	Pavt Mrkg, Sprayable Thermopl, 6 inch, Dotted Thru Guide Line, White	8110570	50.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0220	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0225	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	950.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	950.000	Ea
0235	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0245	Ltg for Night Work	8120160	1.000	LSUM
0250	Minor Traf Devices	8120170	1.000	LSUM
0255	Mobile Attenuator	8120180	1.000	Ea
0260	Sign Cover	8120310	40.000	Ea
0265	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0275	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0280	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0285	Sign, Type B, Temp, Prismatic, Furn	8120350	5,500.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	5,500.000	Sft
0295	Traf Regulator Control	8120370	1.000	LSUM
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	12,000.000	Ft
0305	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	8,600.000	Ft
0310	Speed Radar Trailer, Temp	8122028	2.000	Ea
0315	Pedestrian Ramp, Temp	8122251	30.000	Ea
0320	Fertilizer, Chemical Nutrient, CI A	8160020	140.000	Lb
0325	Mulch Blanket	8160027	3,500.000	Syd

0330	Seeding, Mixture TDS	8160037	170.000	Lb
0335	Topsoil Surface, Furn, 4 inch	8160062	3,500.000	Syd

Section: 2

0340	Membrane, Preformed Waterproofing	7100008	3,500.000	Sft
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Schedule of Pay Items

Report v1

Letting Call: 231103 018**Letting Date:** November 3, 2023**Contract ID:** 25102-204364**Description:** 9.83 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-57 from M-54 easterly to M-15, Genesee County. This project includes a 3 year materials and workmanship warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204364A	N/A	N/A	M 25102

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$269,400.00	1100001	1.000	LSUM
0010	_ Shld, CI II, Modified	3077031	1,300.000	Ton
0015	Cold Milling HMA Surface	5010002	180,853.000	Syd
0020	HMA Quality Initiative	5010007	31,262.000	Dlr
0025	Longit Joint Density Quality Initiative	5010018	53,987.000	Dlr
0030	HMA, 5EML	5012037	13,966.000	Ton
0035	HMA, 5EML, High Stress	5012085	1,665.000	Ton
0040	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	20.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0055	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	94.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	102,824.000	Ft
0065	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	17,464.000	Ft
0070	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0075	Recessing Pavt Mrkg, Longit	8110450	120,288.000	Ft
0080	Recessing Pavt Mrkg, Transv	8110451	94.000	Sft
0085	Pavt Mrkg, Thermopl, Rumble Strip	8110470	280.000	Ft
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0105	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0120	Ltg for Night Work	8120160	1.000	LSUM
0125	Minor Traf Devices	8120170	1.000	LSUM
0130	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	100,384.000	Ft

0135	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,700.000	Ft
0140	Sign Cover	8120310	8.000	Ea
0145	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0150	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	765.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	765.000	Sft
0165	Traf Regulator Control	8120370	1.000	LSUM
0170	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0175	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0180	_ PTR Site, Loops and Piezo Sensors	8207051	1.000	LSUM
0185	Monument Box	8210001	3.000	Ea
0190	Monument Preservation	8210010	18.000	Ea
0195	Centerline Corrugations, Milled, HMA	8220013	48,736.000	Ft
0200	Non-Freeway Shld Corrugations, Milled, HMA	8220025	2,000.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 231103 019**Letting Date:** November 3, 2023**Contract ID:** 82211-218473**Description:** 0.04 mi of railroad crossing reconstruction on M-85 at Grand Trunk Railroad in the city of Trenton, Wayne County. This project includes a 5 year materials and workmanship pavement warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218473A	23A0987	N/A	STRH 82211

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	15,000.000	Dlr
0010	Mobilization, Max \$169,700.00	1100001	1.000	LSUM
0015	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0030	Pavt, Rem	2040050	808.000	Syd
0035	Embankment, CIP	2050010	956.000	Cyd
0040	Excavation, Earth	2050016	4,620.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0055	Obliterate Old Road	2070001	29.000	Sta
0060	Erosion Control, Silt Fence	2080036	1,100.000	Ft
0065	Project Cleanup	2090001	1.000	LSUM
0070	Subbase, CIP	3010002	1,926.000	Cyd
0075	Aggregate Base, 10 inch	3020026	6,531.000	Syd
0080	Open-Graded Dr Cse, 6 inch	3030006	1,550.000	Syd
0085	Geotextile, Separator	3080005	9,073.000	Syd
0090	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0095	Culv End Sect, Footing	4010072	4.000	Ea
0100	Culv, CI A, 12 inch	4010131	581.000	Ft
0105	Dr Marker Post	4011109	4.000	Ea
0110	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0115	Underdrain, Subbase, 6 inch	4040063	3,822.000	Ft
0120	Underdrain Outlet, 6 inch	4040093	415.000	Ft
0125	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0130	Video Inspection of Underdrain	4040200	694.000	Ft
0135	Pavt, Cleaning	5010001	1.000	LSUM

0140	HMA Surface, Rem	5010005	6,562.000	Syd
0145	HMA Quality Initiative	5010007	1,808.000	Dlr
0150	Longit Joint Density Quality Initiative	5010018	2,715.000	Dlr
0155	Hand Patching	5010025	20.000	Ton
0160	HMA Approach	5010061	884.000	Ton
0165	HMA, Temp Pavt (4EML)	5012103	1,654.000	Ton
0170	Detectable Warning Surface	8030010	20.000	Ft
0175	Post, Steel, 3 pound	8100371	56.000	Ft
0180	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0185	Sign, Type III, Rem	8100403	2.000	Ea
0190	Sign, Type IIIA	8100404	3.000	Sft
0195	Sign, Type IIIB	8100405	3.000	Sft
0200	Ground Mtd Sign Support, Rem	8102010	2.000	Ea
0205	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	68.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	18,147.000	Ft
0215	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	303.000	Ft
0220	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0235	Pedestrian Type II Barricade, Temp	8120026	10.000	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	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	3,880.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,950.000	Ft
0265	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	10,807.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	16,918.000	Ft
0275	Plastic Drum, Fluorescent, Furn	8120252	260.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	260.000	Ea
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	54.000	Ft
0290	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	78.000	Ea
0295	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	80.000	Ea
0300	Sign Cover	8120310	10.000	Ea
0305	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0315	Sign, Type B, Temp, Prismatic, Furn	8120350	933.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	933.000	Sft
0325	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	18.000	Sft

0330	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	18.000	Sft
0335	Traf Regulator Control	8120370	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, Railroad Sym	8122144	2.000	Ea
0345	Riprap, Plain	8130010	8.000	Syd
0350	_ Turf Establishment, Performance	8167011	12,626.000	Syd
0355	Case Sign, Rem	8200020	2.000	Ea
0360	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0365	Span Wire	8200140	1.000	Ea
0370	Span Wire, Rem	8200141	1.000	Ea
0375	TS Head, Temp	8200453	4.000	Ea
0380	Junction Box, Span Wire	8200456	2.000	Ea
0385	Junction Box, Rem	8200457	2.000	Ea
0390	TS Face, Bag	8200458	44.000	Ea
0395	TS Face, Bag, Rem	8200459	44.000	Ea
0400	Contractor Staking	8240001	1.000	LSUM
0405	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 020**Letting Date:** November 3, 2023**Contract ID:** 73063-209496**Description:** Traffic signal modernization on various routes at multiple intersections, Gratiot, Shiawassee, Tuscola, Bay and Saginaw Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209496A	23A1005	N/A	STG 73063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Great Lake Central Railroad	1027060	29,000.000	Dlr
0010	Mobilization, Max \$154,700.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	472.000	Ft
0020	Pavt, Rem	2040050	36.000	Syd
0025	Sidewalk, Rem	2040055	391.000	Syd
0030	Utility Pole, Rem	2040070	1.000	Ea
0035	Exploratory Investigation, Vertical	2040080	174.000	Ft
0040	Embankment, CIP	2050010	14.000	Cyd
0045	Excavation, Earth	2050016	15.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	110.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0060	Erosion Control, Maintenance, Sediment Rem	2080026	4.000	Cyd
0065	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	Aggregate Base, 6 inch	3020016	756.000	Syd
0075	Maintenance Gravel, LM	3060021	50.000	Cyd
0080	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0085	HMA Surface, Rem	5010005	116.000	Syd
0090	Hand Patching	5010025	26.000	Ton
0095	_ Vibration Monitoring	8007051	1.000	LSUM
0100	Curb and Gutter, Conc, Det B1	8020015	17.000	Ft
0105	Curb and Gutter, Conc, Det C2	8020021	204.000	Ft
0110	Curb and Gutter, Conc, Det C4	8020023	48.000	Ft
0115	Curb and Gutter, Conc, Det C5	8020024	62.000	Ft
0120	Curb and Gutter, Conc, Det D1	8020030	30.000	Ft
0125	Curb and Gutter, Conc, Det D2	8020031	39.000	Ft
0130	Curb and Gutter, Conc, Det F2	8020036	97.000	Ft
0135	Detectable Warning Surface	8030010	182.000	Ft

0140	Curb Ramp Opening, Conc	8030030	182.000	Ft
0145	Sidewalk, Conc, 4 inch	8030044	1,477.000	Sft
0150	Sidewalk, Clay Brick Pavers, Rem	8030051	50.000	Sft
0155	Curb Ramp, Conc, 4 inch	8032001	340.000	Sft
0160	Curb Ramp, Conc, 6 inch	8032002	2,091.000	Sft
0165	Band, Sign	8100010	4.000	Ea
0170	Post, Steel, 3 pound	8100371	36.000	Ft
0175	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0180	Sign, Type III, Rem, Salv	8102003	8.000	Ea
0185	Ground Mtd Sign Support, Rem	8102010	7.000	Ea
0190	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	765.000	Ft
0195	Rem Spec Mrkg	8110343	480.000	Sft
0200	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0205	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0230	Sign Cover	8120310	10.000	Ea
0235	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
0240	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0245	Sign, Type B, Temp, Prismatic, Furn	8120350	2,500.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	2,500.000	Sft
0255	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	25.000	Sft
0260	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	25.000	Sft
0265	Pedestrian Path, Temp	8122250	110.000	Ft
0270	Slope Restoration, Non-Freeway, Type A	8162001	214.000	Syd
0275	Conduit, Encased, 1, 3 inch	8182004	330.000	Ft
0280	Conduit, Directional Bore, 1, 3 inch	8182035	130.000	Ft
0285	Conduit, Directional Bore, 2, 3 inch	8182037	260.000	Ft
0290	Conduit, DB, 1, 1/2 inch	8182046	50.000	Ft
0295	Conduit, DB, 1, 1 1/2 inch	8182048	500.000	Ft
0300	Conduit, DB, 3, 3 inch	8182056	215.000	Ft
0305	Conduit, DB, 4, 3 inch	8182059	70.000	Ft
0310	Conduit, DB, 1, 1 inch	8182060	85.000	Ft
0315	Cable Pole, Sec, Dismant	8182206	1.000	Ea
0320	Cable Pole, TS and Sec, Dismant	8182209	4.000	Ea
0325	Cable Pole, TS, Dismant	8182210	1.000	Ea
0330	Cable, Sec, 600V, 1, 3/C#6	8182238	940.000	Ft
0335	Hh, Polymer Conc	8182309	12.000	Ea
0340	Hh, Round	8182310	27.000	Ea
0345	Hh, Round, 3 foot dia	8182319	6.000	Ea
0350	Hh, Rem	8182330	15.000	Ea
0355	Wood Pole, Cl 4, 30 foot	8182349	2.000	Ea
0360	Wood Pole, Rem	8182363	3.000	Ea

0365	Serv Disconnect	8182366	8.000	Ea
0370	Serv Disconnect, Rem	8182367	5.000	Ea
0375	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8182371	4.000	Ea
0380	Case Sign, Rem	8200020	6.000	Ea
0385	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	11.000	Ea
0390	Controller and Cabinet, Rem	8200030	6.000	Ea
0395	Controller Fdn, Base Mtd	8200045	6.000	Ea
0400	Controller Fdn, Rem	8200046	2.000	Ea
0405	Fdn, Rem	8200065	6.000	Ea
0410	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0415	Splice Box, Rem	8200086	1.000	Ea
0420	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0425	Pedestal, Alum	8200100	14.000	Ea
0430	Pedestal, Fdn	8200105	16.000	Ea
0435	Pedestal Fdn, Rem	8200106	5.000	Ea
0440	Pedestal, Rem	8200110	5.000	Ea
0445	Pushbutton and Sign	8200121	20.000	Ea
0450	Pushbutton, Rem	8200122	4.000	Ea
0455	Pushbutton, Pedestal, Alum	8200123	2.000	Ea
0460	Span Wire	8200140	16.000	Ea
0465	Span Wire, Rem	8200141	7.000	Ea
0470	Steel Pole, Rem	8200145	5.000	Ea
0475	TS, Bracket Arm Mtd, Rem	8200175	3.000	Ea
0480	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0485	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	11.000	Ea
0490	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
0495	TS, Span Wire Mtd, Rem	8200182	21.000	Ea
0500	Cabinet, NEMA Type	8200186	6.000	Ea
0505	Warning Sign	8200260	3.000	Ea
0510	Warning Sign, Rem	8200261	2.000	Ea
0515	TS, One Way Span Wire Mtd (LED)	8200313	30.000	Ea
0520	TS, One Way Span Wire Mtd, FYA (LED)	8200314	6.000	Ea
0525	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
0530	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
0535	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
0540	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	11.000	Ea
0545	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0550	TS, One Way Mast Arm Mtd (LED)	8200359	15.000	Ea
0555	Strain Pole, Steel, 6 bolt, 30 foot	8200460	16.000	Ea
0560	Strain Pole Fdn, 6 Bolt	8200470	214.000	Ft
0565	Casing	8200480	142.000	Ft
0570	Cellular Modem, TS, 4th G	8200498	1.000	Ea

0575	Backplate, TS	8200501	41.000	Ea
0580	Radar Vehicle Presence Stop-Bar Detector System	8200510	6.000	Ea
0585	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	18.000	Ea
0590	Mast Arm Pole, Cat I	8202010	6.000	Ea
0595	Mast Arm, 35 foot, Cat I	8202016	4.000	Ea
0600	Mast Arm, 40 foot, Cat I	8202017	3.000	Ea
0605	Mast Arm Pole Fdn, 6 Bolt	8202034	76.000	Ft
0610	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0615	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0620	Lightning Protection, Pole	8260021	6.000	Ea
0625	Hh, Clean	8260030	1.000	Ea
0630	Conduit, Clean and Test	8260031	80.000	Ft
0635	Safety Switch, Non-Fusible	8260108	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 021**Letting Date:** November 3, 2023**Contract ID:** 82000-214235**Description:** Traffic signal modernization on various routes at several intersections in the city of Detroit, Macomb County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214235A	23A0824	N/A	HSIP 82000
214237A	23A0825	N/A	HSIP 82000
215979A	23A0826	N/A	HSIP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$140,700.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	209.000	Syd
0015	Exploratory Investigation, Vertical	2040080	110.000	Ft
0020	_ Curb, Rem, Modified	2047001	41.000	Ft
0025	_ Integral Curb and Sidewalk, 2 Feet, Rem, Modified	2047001	56.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,100.000	Cyd
0035	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	3.000	Ea
0040	_ Curb, Conc, Detail CD, Modified	8027001	23.000	Ft
0045	_ Detectable Warning Surface Tile, Modified	8027001	56.000	Ft
0050	_ Sidewalk Ramp, ADA, Modified	8027010	446.000	Sft
0055	_ Sidewalk, Conc, 4 inch, Modified	8027010	320.000	Sft
0060	_ Sidewalk, Conc, 6 inch, Modified	8027010	164.000	Sft
0065	Curb Ramp Opening, Conc	8030030	60.000	Ft
0070	_ Integral Curb and Sidewalk, 2 Feet, Modified	8037001	36.000	Ft
0075	Band, Sign	8100010	104.000	Ea
0080	Sign, Type IIIA	8100404	416.000	Sft
0085	Pavt Mrkg, Polyurea, 4 inch, White	8110091	200.000	Ft
0090	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	500.000	Ft
0095	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	180.000	Ft
0100	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	60.000	Ft
0105	Rem Spec Mrkg	8110343	510.000	Sft
0110	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0115	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0120	_ Recessing Pavt Mrkg, Transv, Modified	8117001	60.000	Ft
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea

0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0135	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0145	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Plastic Drum, Fluorescent, Furn	8120252	210.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	210.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
0175	Cable, Rem	8182196	400.000	Ft
0180	Cable, Sec, Rem	8182199	1,200.000	Ft
0185	Cable Pole, TS and Sec, Disman	8182209	4.000	Ea
0190	Cable Pole, TS, Disman	8182210	1.000	Ea
0195	Cable, Sec, 600V, 1, 3/C#6	8182238	1,750.000	Ft
0200	Wood Pole, Rem	8182363	9.000	Ea
0205	Serv Disconnect	8182366	11.000	Ea
0210	Serv Disconnect, Rem	8182367	2.000	Ea
0215	Serv Disconnect, Salv	8182368	2.000	Ea
0220	_ Conduit, Encased, 1, 3 inch, Modified	8187001	8.000	Ft
0225	_ Conduit, Encased, 2, 3 inch, Modified	8187001	73.000	Ft
0230	_ Conduit, Encased, 3, 4 inch, Modified	8187001	97.000	Ft
0235	_ Hh, Round, Detroit	8187050	10.000	Ea
0240	Anchor Guy	8200001	1.000	Ea
0245	Pole Guy	8200002	4.000	Ea
0250	Case Sign, Disappearing Legend, 24 inch by 30 inch	8200015	1.000	Ea
0255	Case Sign, Rem	8200020	8.000	Ea
0260	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	14.000	Ea
0265	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0270	Controller and Cabinet, Rem	8200030	12.000	Ea
0275	Controller Fdn, Base Mtd	8200045	12.000	Ea
0280	Controller Fdn, Rem	8200046	7.000	Ea
0285	Fdn, Rem	8200065	6.000	Ea
0290	Louver	8200080	12.000	Ea
0295	Pedestal Fdn, Rem	8200106	12.000	Ea
0300	Pedestal, Rem	8200110	15.000	Ea
0305	Pushbutton and Sign	8200121	4.000	Ea
0310	Pushbutton, Rem	8200122	4.000	Ea
0315	Span Wire	8200140	44.000	Ea
0320	Span Wire, Rem	8200141	16.000	Ea
0325	Steel Pole, Rem	8200145	6.000	Ea
0330	Strain Pole, Steel, Anchor Base, 30 foot	8200155	34.000	Ea
0335	Strain Pole, Steel, Anchor Fdn	8200165	34.000	Ea
0340	Guy, Rem	8200167	13.000	Ea
0345	Strut Guy	8200168	8.000	Ea

0350	TS, Bracket Arm Mtd, Rem	8200175	4.000	Ea
0355	TS, Mast Arm Mtd, Rem	8200177	11.000	Ea
0360	TS, Pedestal Mtd, Rem	8200179	8.000	Ea
0365	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	43.000	Ea
0370	TS, Pedestrian, Pedestal Mtd, Rem	8200181	14.000	Ea
0375	TS, Span Wire Mtd, Rem	8200182	30.000	Ea
0380	TS, One Way Span Wire Mtd (LED)	8200313	85.000	Ea
0385	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
0390	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
0395	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0400	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	8.000	Ea
0405	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	42.000	Ea
0410	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
0415	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0420	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0425	TS, One Way Mast Arm Mtd (LED)	8200359	12.000	Ea
0430	Casing	8200480	170.000	Ft
0435	_ Antenna, Spectrum	8207050	10.000	Ea
0440	_ Backplate, TS, Detroit	8207050	114.000	Ea
0445	_ Cellular Data Service for 3 Years	8207050	3.000	Ea
0450	_ Controller and Cabinet, Digital Type, ITS	8207050	13.000	Ea
0455	_ Pedestal Alum, Modified	8207050	5.000	Ea
0460	_ Pedestal Fdn, Modified	8207050	1.000	Ea
0465	_ Span Wire, Adj	8207050	6.000	Ea
0470	_ Steel Pole, Paint	8207050	8.000	Ea
0475	_ Wireless Data Acquisition and Alerts System, Salv	8207050	10.000	Ea
0480	_ Wireless Data Acquisition, Alerts and Analytics System	8207050	3.000	Ea
0485	_ Water Shutoff, Adj, Case 1, Modified	8237050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 022**Letting Date:** November 3, 2023**Contract ID:** 56000-214571

Description: 3.60 mi of hot mix asphalt cold milling and resurfacing, intersection improvements and pavement markings on Saginaw Road from Pinesboro Drive to the west city limits of Midland, Midland County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214571A	23A0865	N/A	STUL 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$104,200.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	108.000	Ft
0015	Embankment, CIP	2050010	36.000	Cyd
0020	Excavation, Earth	2050016	260.000	Cyd
0025	Erosion Control, Silt Fence	2080036	500.000	Ft
0030	Subbase, CIP	3010002	28.000	Cyd
0035	_ Approach, CI I, Modified	3077031	166.000	Ton
0040	_ Shld, CI II, Modified	3077031	810.000	Ton
0045	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0050	Cold Milling HMA Surface	5010002	90,370.000	Syd
0055	HMA Surface, Rem	5010005	678.000	Syd
0060	Hand Patching	5010025	100.000	Ton
0065	HMA Approach	5010061	522.000	Ton
0070	HMA, 5EML	5012037	7,817.000	Ton
0075	Curb and Gutter, Conc, Det B2	8020016	192.000	Ft
0080	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0085	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0090	Spillway, Conc	8020075	9.000	Ft
0095	Post, Mailbox	8070095	1.000	Ea
0100	Post, Steel, 3 pound	8100371	45.000	Ft
0105	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0110	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0115	Sign, Type III, Rem, Salv	8102003	4.000	Ea
0120	Ground Mtd Sign Support, Rem	8102010	2.000	Ea
0125	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	45.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0135	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea

0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	37,578.000	Ft
0145	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,545.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	37,578.000	Ft
0155	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	20,545.000	Ft
0160	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0185	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0195	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	33.000	Ft
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,827.000	Ft
0210	Sign Cover	8120310	5.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	804.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	804.000	Sft
0225	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	10.000	Sft
0230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	10.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	Riprap, Plain	8130010	11.000	Syd
0245	Slope Restoration, Non-Freeway, Type B	8162002	180.000	Syd
0250	Monument Box	8210001	1.000	Ea
0255	Monument Box Adj	8210005	1.000	Ea
0260	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	13,403.000	Ft
0265	Gate Box, Adj, Case 1	8230431	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 023**Letting Date:** November 3, 2023**Contract ID:** 48000-206154**Description:** 3.00 mi of hot mix asphalt resurfacing, aggregate shoulder and pavement markings on County Road 403 from M-28 to County Road 466, Luce County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206154A	23A0934	N/A	STL 48000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$66,000.00	1100001	1.000	LSUM
0010	Approach, CI II	3070021	121.000	Ton
0015	Shld, CI II	3070121	998.000	Ton
0020	Pavt for Butt Joints, Rem	5010008	3,853.000	Syd
0025	HMA Approach	5010061	374.000	Ton
0030	HMA, 4EL	5012024	5,808.000	Ton
0035	Pavt Mrkg, Waterborne, 4 inch, White	8110231	30,008.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,427.000	Ft
0045	Protective Ovly, Snowmobile Trail Crossing	8110550	99.000	Syd
0050	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0055	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0065	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0075	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,268.000	Ft
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	720.000	Sft
0085	Sign, Type B, Temp, Prismatic, Oper	8120351	720.000	Sft
0090	Traf Regulator Control	8120370	1.000	LSUM
0095	Monument Box Adj	8210005	6.000	Ea
0100	Monument Preservation	8210010	6.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 024**Letting Date:** November 3, 2023**Contract ID:** 25000-214637**Description:** 0.25 mi of concrete roundabout including concrete curb and gutter, storm sewer and pavement markings on Lapeer Road at Oak Road, Genesee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214637A	23A0889	N/A	HSIP 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$95,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Dr Structure, Rem	2030011	1.000	Ea
0025	Fence, Rem	2040025	51.000	Ft
0030	_ Pavt, Rem, Modified	2047011	3,279.000	Syd
0035	Ditch Cleanout	2050006	7.000	Sta
0040	Embankment, CIP	2050010	1,000.000	Cyd
0045	Excavation, Earth	2050016	1,500.000	Cyd
0050	_ Subgrade Undercutting, Type IV, Modified	2057021	500.000	Cyd
0055	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0065	Erosion Control, Silt Fence	2080036	1,400.000	Ft
0070	_ Aggregate Base, Modified	3027031	2,442.000	Ton
0075	_ Maintenance Gravel, Modified	3067031	200.000	Ton
0080	Trenching	3070200	22.000	Sta
0085	_ Approach, CI II, Modified	3077031	34.000	Ton
0090	_ Shld, CI II, Modified	3077031	462.000	Ton
0095	Culv End Sect, 12 inch	4010012	9.000	Ea
0100	Culv End Sect, 18 inch	4010018	3.000	Ea
0105	Culv End Sect, Footing	4010072	3.000	Ea
0110	Culv, CI F, 12 inch	4010607	79.000	Ft
0115	Sewer, CI A, 12 inch, Tr Det B	4020033	681.000	Ft
0120	Sewer, CI A, 18 inch, Tr Det B	4020035	433.000	Ft
0125	Sewer Tap, 4 inch	4021200	1.000	Ea
0130	Dr Structure Cover, Type J	4030045	7.000	Ea
0135	Dr Structure Cover, Type Q	4030065	2.000	Ea
0140	Dr Structure, 24 inch dia	4030200	2.000	Ea

0145	Dr Structure, 48 inch dia	4030210	5.000	Ea
0150	_ Sanitary Structure Cover, Adj	4037050	1.000	Ea
0155	_ Water Structure Cover, Adj	4037050	1.000	Ea
0160	Underdrain, Subbase, 4 inch	4040061	1,065.000	Ft
0165	Underdrain Outlet, 4 inch	4040091	16.000	Ft
0170	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0175	HMA Approach	5010061	25.000	Ton
0180	HMA, 2EML	5012001	492.000	Ton
0185	HMA, 4EML	5012025	246.000	Ton
0190	HMA, 5EML	5012037	246.000	Ton
0195	Conc Pavt, Nonreinf, 6 inch	6020100	377.000	Syd
0200	Conc Pavt, Nonreinf, 8 inch	6020104	2,095.000	Syd
0205	Joint, Contraction, Cp	6020200	2,000.000	Ft
0210	Joint, Plane-of-Weakness, W	6020211	662.000	Ft
0215	Joint, Expansion, E2, Intersection	6020270	220.000	Ft
0220	_ Conc Pavt, Nonreinf, 6 inch, Decorative	6027011	417.000	Syd
0225	Curb, Conc, Det E1	8020001	50.000	Ft
0230	Curb and Gutter, Conc, Det B1	8020015	1,005.000	Ft
0235	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0240	Spillway, Conc	8020075	7.000	Ft
0245	_ Curb and Gutter, Conc, Det B1, Modified	8027001	735.000	Ft
0250	_ Curb and Gutter, Conc, Det D1, Modified	8027001	200.000	Ft
0255	Post, Mailbox	8070095	2.000	Ea
0260	Post, Steel, 3 pound	8100371	568.000	Ft
0265	Sign, Type IIB	8100399	76.000	Sft
0270	Sign, Type III, Rem	8100403	13.000	Ea
0275	Sign, Type IIIA	8100404	48.000	Sft
0280	Sign, Type IIIB	8100405	127.000	Sft
0285	Reflective Panel for Permanent Sign Support, 3 foot	8100613	12.000	Ea
0290	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0295	_ Post Hole Through Conc for Steel Post, Modified	8107050	8.000	Ea
0300	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,430.000	Ft
0305	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	2,709.000	Ft
0310	Pavt Mrkg, Polyurea, Yield	8110103	8.000	Ea
0315	Pavt Mrkg, Polyurea, 12 inch, White	8110111	346.000	Ft
0320	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	51.000	Ft
0325	Pavt Mrkg, Polyurea, Ahead	8112181	4.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0335	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0340	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0345	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0355	Sign Cover	8120310	10.000	Ea

0360	Sign, Type B, Temp, Prismatic, Furn	8120350	610.000	Sft
0365	Sign, Type B, Temp, Prismatic, Oper	8120351	610.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	340.000	Sft
0375	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	340.000	Sft
0380	Riprap, Plain	8130010	37.000	Syd
0385	_ Slope Restoration, Modified	8167011	5,000.000	Syd
0390	Flsh Beacon, Solar Power, Rem	8200072	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 025**Letting Date:** November 3, 2023**Contract ID:** 81000-214011

Description: 1.20 mi of construction of left turn lanes, concrete curb and gutter, aggregate shoulders and pavement markings on North Territorial Road from west of Dexter Townhall Road to Toma Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214011A	23A0895	N/A	STUL 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$146,800.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017011	72.000	Syd
0015	Tree, Rem, 19 inch to 36 inch	2020002	19.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	45.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	51.000	Ft
0050	Fence, Rem	2040025	657.000	Ft
0055	Pavt, Rem	2040050	372.000	Syd
0060	Exploratory Investigation, Vertical	2040080	100.000	Ft
0065	Excavation, Earth	2050016	7,031.000	Cyd
0070	_ Embankment, CIP, Spec	2057021	6,000.000	Cyd
0075	_ Subgrade Undercutting, Type IV, Modified	2057021	600.000	Cyd
0080	_ Excavation, Salvage and Stockpile	2057051	1.000	LSUM
0085	Erosion Control, Check Dam, Stone	2080012	56.000	Ft
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0095	Erosion Control, Silt Fence	2080036	1,348.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0105	_ Aggregate Base, 10 inch, Modified	3027011	11,063.000	Syd
0110	_ Aggregate Base, 6 inch, Modified	3027011	383.000	Syd
0115	_ Open-Graded Dr Cse, CIP, Modified	3037021	460.000	Cyd
0120	_ Approach, 23A	3077011	287.000	Syd
0125	_ Shld, CI II, 5 inch, Modified	3077011	505.000	Syd
0130	Geotextile, Separator	3080005	1,130.000	Syd
0135	Geotextile, Stabilization	3080010	2,000.000	Syd

0140	Culv End Sect, 12 inch	4010012	2.000	Ea
0145	Culv End Sect, Conc, 12 inch	4010047	3.000	Ea
0150	Culv End Sect, Conc, 15 inch	4010048	3.000	Ea
0155	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0160	Culv End Sect, Footing	4010072	8.000	Ea
0165	Culv, CI E, Conc, 18 inch	4010575	65.000	Ft
0170	Sewer, CI IV, 12 inch, Tr Det B	4020987	507.000	Ft
0175	Sewer, CI IV, 15 inch, Tr Det B	4020988	548.000	Ft
0180	Trench Undercut and Backfill	4021260	50.000	Cyd
0185	Video Taping Sewer and Culv Pipe	4021275	1,118.000	Ft
0190	_ HDPE, 12 inch	4027001	63.000	Ft
0195	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0205	Dr Structure Cover, Type G	4030040	2.000	Ea
0210	Dr Structure Cover, Type J	4030045	9.000	Ea
0215	Dr Structure, 24 inch dia	4030200	3.000	Ea
0220	Dr Structure, 48 inch dia	4030210	8.000	Ea
0225	_ Dr Structure, PVC, 12 inch dia	4037050	1.000	Ea
0230	Underdrain, Subbase, 6 inch	4040063	2,164.000	Ft
0235	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0240	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0245	HMA Surface, Rem	5010005	7,596.000	Syd
0250	HMA, 3EML	5012013	1,632.000	Ton
0255	HMA, 5EML	5012037	1,087.000	Ton
0260	Driveway, Reinf Conc, 6 inch	8010001	353.000	Syd
0265	Curb and Gutter, Conc, Det B2	8020016	2,164.000	Ft
0270	_ Spillway, Conc, Modified	8027001	173.000	Ft
0275	Post, Mailbox	8070095	6.000	Ea
0280	_ Fence, Rem, Salv, and Reinstall	8087001	70.000	Ft
0285	_ Drive Gate, Rem, Salvage and Re-erect	8087051	1.000	LSUM
0290	Post, Steel, 3 pound	8100371	632.000	Ft
0295	Post, Wood, 4 inch by 6 inch	8100380	62.000	Ft
0300	Sign, Type IIA	8100398	48.000	Sft
0305	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0310	Sign, Type III, Rem	8100403	44.000	Ea
0315	Sign, Type IIIA	8100404	9.000	Sft
0320	Sign, Type IIIB	8100405	163.000	Sft
0325	Sign, Type VB	8100425	41.000	Sft
0330	Reflective Panel for Permanent Sign Support, 6 foot	8100616	25.000	Ea
0335	Sign, Type III, Rem, Salv	8102003	3.000	Ea
0340	Ground Mtd Sign Support, Rem	8102010	44.000	Ea
0345	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	2.000	Ea
0350	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	44.000	Ft
0355	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	200.000	Ft
0360	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	11,940.000	Ft

0365	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	13,005.000	Ft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0375	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0385	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0395	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0405	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0410	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0415	Sign Cover	8120310	15.000	Ea
0420	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0425	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	705.000	Sft
0435	Sign, Type B, Temp, Prismatic, Oper	8120351	705.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	720.000	Sft
0445	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	720.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0455	Riprap, Plain	8130010	67.000	Syd
0460	_ Turf Establishment, Performance	8167011	8,350.000	Syd
0465	Cable Pole, TS and Sec, Disman	8182209	1.000	Ea
0470	Cable, Sec, 600V, 1, 3/C#6	8182238	50.000	Ft
0475	Wood Pole, Cl 4, 30 foot	8182349	1.000	Ea
0480	Wood Pole, Rem	8182363	1.000	Ea
0485	Serv Disconnect	8182366	1.000	Ea
0490	Serv Disconnect, Rem	8182367	1.000	Ea
0495	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
0500	Controller and Cabinet, Rem	8200030	1.000	Ea
0505	Controller and Cabinet, Salv	8200037	1.000	Ea
0510	Span Wire	8200140	1.000	Ea
0515	Span Wire, Rem	8200141	1.000	Ea
0520	TS, Span Wire Mtd, Rem	8200182	1.000	Ea
0525	TS, Four Way Span Wire Mtd, Salv	8200208	1.000	Ea
0530	_ Monument Box, Modified	8217050	2.000	Ea
0535	Centerline Corrugations, Milled, HMA	8220013	4,960.000	Ft
0540	Sanitary Structure, Adj, Add Depth	8252140	9.000	Ft
0545	Sanitary Structure Cover, Adj, Case 2	8252146	4.000	Ea
0550	_ Sanitary Force Main, Air Release Structure, 60 inch dia	8257050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 026**Letting Date:** November 3, 2023**Contract ID:** 50000-208757**Description:** 15.75 mi of installation of fiber optic cable and conduit along various routes, Macomb County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208757A	23A0847	N/A	CPMG 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Grand Trunk Western	1027060	4,500.000	Dlr
0010	Mobilization, Max \$268,000.00	1100001	1.000	LSUM
0015	Sidewalk, Rem	2040055	67.000	Syd
0020	Exploratory Investigation, Vertical	2040080	30.000	Ft
0025	_ Exploratory Trenching	2047001	100.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0035	Sidewalk, Conc, 4 inch	8030044	603.000	Sft
0040	_ Brick Pavers, Rem and Salv	8037010	115.000	Sft
0045	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	115.000	Sft
0050	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0055	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0060	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0065	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0075	Minor Traf Devices	8120170	1.000	LSUM
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	294.000	Sft
0085	Sign, Type B, Temp, Prismatic, Oper	8120351	294.000	Sft
0090	_ Turf Establishment, Performance	8167011	3,232.000	Syd
0095	Conduit, Directional Bore, 1, 3 inch	8182035	73,953.000	Ft
0100	Conduit, DB, 1, 3 inch	8182050	780.000	Ft
0105	Hh, Round	8182310	142.000	Ea
0110	Hh, Round, 3 foot dia	8182319	24.000	Ea
0115	Wood Pole, Fit Up, TS Cable Pole	8182387	10.000	Ea
0120	Steel Pole, Fit Up, TS Cable Pole	8182397	1.000	Ea
0125	Span Wire	8200140	14.000	Ea
0130	_ Fiber Optic, Cable, SMF, 12F, Misc To Cabinet	8207001	2,764.000	Ft
0135	_ Fiber Optic, Cable, SMF, 72F/144F, New Conduit	8207001	35,123.000	Ft

0140	_ Fiber Optic, Cable, SMF, 72F/72F, Existing Conduit	8207001	11,245.000	Ft
0145	_ Fiber Optic, Cable, SMF, 72F/72F, New Conduit	8207001	39,148.000	Ft
0150	_ Fiber Optic, Cable, SMF, 72F/72F, Overhead	8207001	750.000	Ft
0155	_ Fiber Optic, Hardware Assembly, Aerial, 144T	8267050	2.000	Ea
0160	_ Fiber Optic, Hardware Assembly, Aerial, 72T	8267050	4.000	Ea
0165	_ Fiber Optic, Hardware Assembly, Aerial, 12T	8267050	20.000	Ea
0170	_ Fiber Optic, Hardware Assembly, Cabinet, 12T, SFF	8267050	20.000	Ea
0175	_ Fiber Optic, Hardware Assembly, Cabinet, 48T	8267050	1.000	Ea
0180	_ Fiber Optic, Marker, Above Ground, Modified	8267050	172.000	Ea
0185	_ Fiber Optic, Pigtail, Modified	8267050	142.000	Ea
0190	_ Fiber Optic, Splice, Modified	8267050	606.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 027**Letting Date:** November 3, 2023**Contract ID:** 33000-214632

Description: 0.10 mi of construction of roundabout including hot mix asphalt, concrete curb and gutter, drainage and pavement markings on Hagadorn Road at Sandhill Road, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214632A	23A0843	N/A	HSIP 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$170,100.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.500	Acre
0015	Clearing, Fence	2010002	6.000	Sta
0020	Culv, Rem, Less than 24 inch	2030001	15.000	Ea
0025	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	214.000	Ft
0035	Fence, Rem	2040025	587.000	Ft
0040	Pavt, Rem	2040050	140.000	Syd
0045	_ Exploratory Trenching	2047001	300.000	Ft
0050	Embankment, CIP	2050010	2,189.000	Cyd
0055	Excavation, Earth	2050016	8,739.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0065	Erosion Control, Silt Fence	2080036	5,215.000	Ft
0070	_ Erosion Control, Straw Wattle, 9 inch dia	2087001	232.000	Ft
0075	Subbase, CIP	3010002	5,436.000	Cyd
0080	_ Aggregate Base, Condition, Special	3027011	4,840.000	Syd
0085	_ Aggregate Base, 21AA	3027031	2,229.000	Ton
0090	_ Aggregate Base, Recycled	3027031	561.000	Ton
0095	_ HMA Base Crushing and Shaping, Special	3057011	4,840.000	Syd
0100	_ Aggregate Surface Cse, 6 inch, Modified	3067011	82.000	Syd
0105	Approach, CI II	3070021	57.000	Ton
0110	Shld, CI II	3070121	327.000	Ton
0115	Geotextile, Separator, Non-Woven	3082000	82.000	Syd
0120	_ Geogrid, Triaxial. Base	3087011	10,042.000	Syd
0125	Culv End Sect, 12 inch	4010012	5.000	Ea
0130	Culv End Sect, Metal, 15 inch	4010095	1.000	Ea
0135	Culv End Sect, Metal, 18 inch	4010096	2.000	Ea

0140	Culv, CI F, 12 inch	4010607	40.000	Ft
0145	Sewer, CI A, 12 inch, Tr Det B	4020033	405.000	Ft
0150	Sewer, CI A, 15 inch, Tr Det B	4020034	133.000	Ft
0155	Sewer, CI A, 18 inch, Tr Det B	4020035	235.000	Ft
0160	Dr Structure Cover, Type B	4030010	2.000	Ea
0165	Dr Structure Cover, Type E	4030035	9.000	Ea
0170	Dr Structure Cover, Type J	4030045	5.000	Ea
0175	Dr Structure, 24 inch dia	4030200	4.000	Ea
0180	Dr Structure, 48 inch dia	4030210	13.000	Ea
0185	Underdrain, Subbase, 4 inch	4040061	5,262.000	Ft
0190	Underdrain Outlet, 4 inch	4040091	267.000	Ft
0195	Underdrain, Outlet Ending, 4 inch	4040111	29.000	Ea
0200	_ Underdrain, Subbase, Special, 12 inch	4047001	461.000	Ft
0205	_ Underdrain, Subbase, Special, 8 inch	4047001	93.000	Ft
0210	Hand Patching	5010025	4.000	Ton
0215	HMA Approach	5010061	161.000	Ton
0220	HMA, 3EML	5012013	2,208.000	Ton
0225	HMA, 4EML	5012025	1,264.000	Ton
0230	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	219.000	Syd
0235	Joint, Contraction, Cp	6020200	104.000	Ft
0240	Joint, Expansion, E3	6020208	66.000	Ft
0245	Driveway, Nonreinf Conc, 7 inch	8010006	146.000	Syd
0250	Curb and Gutter, Conc, Det B2	8020016	3,540.000	Ft
0255	Shld Gutter, Conc, Det 1	8020055	1.000	Ea
0260	Shld Gutter, Conc, Det 2	8020056	10.000	Ea
0265	Spillway, Conc	8020075	104.000	Ft
0270	Divider, Conc, Type I	8022000	653.000	Sft
0275	_ Curb and Gutter, Conc, Det B2, Special	8027001	1,807.000	Ft
0280	_ Curb and Gutter, Conc, Det D2, Special	8027001	158.000	Ft
0285	Sidewalk, Conc, 4 inch	8030044	181.000	Sft
0290	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0295	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0300	Guardrail Reflector	8070080	6.000	Ea
0305	Post, Mailbox	8070095	27.000	Ea
0310	Guardrail, Type MGS-8, 72 inch Post	8072179	175.000	Ft
0315	Fence, Protective	8080007	196.000	Ft
0320	Fence, Chain Link, 48 inch	8080011	553.000	Ft
0325	Post Hole Through Conc for Steel Post	8100340	13.000	Ea
0330	Post, Flexible, Delineator	8100360	4.000	Ea
0335	Post, Steel, 3 pound	8100371	368.000	Ft
0340	Sign, Type II, Rem	8100397	4.000	Ea
0345	Sign, Type III, Rem	8100403	18.000	Ea
0350	Sign, Type IIIA	8100404	45.000	Sft
0355	Sign, Type IIIB	8100405	100.000	Sft
0360	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea

0365	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0370	Ground Mtd Sign Support, Rem	8102010	20.000	Ea
0375	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,371.000	Ft
0380	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,804.000	Ft
0385	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,149.000	Ft
0390	Pavt Mrkg, Waterborne, 12 inch, White	8110237	372.000	Ft
0395	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,371.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,804.000	Ft
0405	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,716.000	Ft
0410	_ Pavt Mrkg, Ovly Cold Plastic, 12 inch Yield Line	8117001	89.000	Ft
0415	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0425	Minor Traf Devices	8120170	1.000	LSUM
0430	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0435	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	777.000	Sft
0445	Sign, Type B, Temp, Prismatic, Oper	8120351	777.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0455	Riprap, Plain	8130010	252.000	Syd
0460	_ Slope Protection, Geocell, 72 Sin x 6 Inch Depth, Topsoil Fill	8137011	392.000	Syd
0465	_ Block Wall, Landscape, Nonreinf	8157010	1,200.000	Sft
0470	_ Mulch, Rubber	8167011	351.000	Syd
0475	_ Slope Restoration, Type II	8167011	7,872.000	Syd
0480	_ Slope Restoration, Type III	8167011	100.000	Syd
0485	Monument Preservation	8210010	1.000	Ea
0490	Hydrant, Relocate, Case 1	8230095	2.000	Ea
0495	Hydrant, Relocate, Case 2	8230096	1.000	Ea
0500	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0505	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0510	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 231103 028**Letting Date:** November 3, 2023**Contract ID:** 41000-216856

Description: 0.63 mi of concrete sidewalk, curb and gutter and ramps, subbase, earthwork and restoration along Coit Avenue NE from Woodworth Street to 4 Mile Road, 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
216856A	23A0948	N/A	TAU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$30,900.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	241.000	Ft
0015	Pavt, Rem	2040050	19.000	Syd
0020	Sidewalk, Rem	2040055	17.000	Syd
0025	Exploratory Investigation, Vertical	2040080	25.000	Ft
0030	Embankment, CIP	2050010	360.000	Cyd
0035	Excavation, Earth	2050016	1,275.000	Cyd
0040	Erosion Control, Silt Fence	2080036	360.000	Ft
0045	_ Project Cleanup, Modified	2097051	1.000	LSUM
0050	Subbase, CIP	3010002	570.000	Cyd
0055	Approach, CI II, 6 inch	3070028	240.000	Syd
0060	HMA Surface, Rem	5010005	59.000	Syd
0065	Hand Patching	5010025	12.000	Ton
0070	HMA Approach	5010061	16.000	Ton
0075	_ Modular Block Wall	7067010	950.000	Sft
0080	Driveway, Nonreinf Conc, 6 inch	8010005	107.000	Syd
0085	Curb, Conc, Det E2	8020002	4.000	Ft
0090	Curb and Gutter, Conc, Det C2	8020021	23.000	Ft
0095	Curb and Gutter, Conc, Det F4	8020038	97.000	Ft
0100	_ Driveway Opening, Conc, Det M, Modified	8027001	7.000	Ft
0105	Detectable Warning Surface	8030010	252.000	Ft
0110	Curb Ramp Opening, Conc	8030030	122.000	Ft
0115	Sidewalk, Conc, 4 inch	8030044	21,207.000	Sft
0120	Sidewalk, Conc, 6 inch	8030046	3,890.000	Sft
0125	_ Brick Salvage and Replace	8037010	14.000	Sft
0130	_ Sidewalk, Conc, 6 inch, Modified	8037010	66.000	Sft
0135	_ Pavt Mrkg, Waterborne, 12 inch Crosswalk	8117001	88.000	Ft

0140	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	60.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	60.000	Ea
0155	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0165	Minor Traf Devices	8120170	1.000	LSUM
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	150.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	150.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0185	_ Roadside Seeding	8167011	1,025.000	Syd
0190	Sanitary Structure Cover, Adj, Case 2	8252146	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 231103 029

Letting Date: November 3, 2023

Contract ID: 25000-207613

Description: 1.08 mi of hot mix asphalt reconstruction, concrete curb, gutter and ramps drainage and pavement markings on Detroit Street from Cornell Avenue to Natchez Drive and from Carpenter Road to Cornell Avenue, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207613A	23A0840	N/A	EMRP 25000
207616A	23A0841	N/A	EMRP 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$249,700.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	5.000	Ea
0015	Curb and Gutter, Rem	2040020	812.000	Ft
0020	Masonry and Conc Structure, Rem	2040045	100.000	Cyd
0025	Sidewalk, Rem	2040055	325.000	Syd
0030	_ Pavt, Rem, Modified	2047011	36,175.000	Syd
0035	Embankment, CIP	2050010	1,870.000	Cyd
0040	Excavation, Earth	2050016	8,050.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0050	_ Subgrade Undercutting, Type II, Modified	2057021	825.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	104.000	Ea
0060	Erosion Control, Silt Fence	2080036	400.000	Ft
0065	_ Aggregate Base, Modified	3027031	12,300.000	Ton
0070	_ Maintenance Gravel, Modified	3067031	2,850.000	Ton
0075	_ Approach, CI II, Modified	3077021	8.000	Cyd
0080	_ Steel Casing Pipe, 12.75 inch O.D., Spec	4017001	677.000	Ft
0085	_ Steel Casing Pipe, 20.00 inch O.D., Spec	4017001	50.000	Ft
0090	Sewer, CI III, 12 inch, Tr Det B	4020866	349.000	Ft
0095	Dr Structure Cover, Adj, Case 1, Modified	4030004	19.000	Ea
0100	Dr Structure Cover, Adj, Case 2	4030006	51.000	Ea
0105	Dr Structure Cover, Type B	4030010	19.000	Ea
0110	Dr Structure Cover, Type E	4030035	41.000	Ea
0115	Dr Structure Cover, Type G	4030040	1.000	Ea
0120	Dr Structure Cover, Type K	4030050	57.000	Ea
0125	Dr Structure, 48 inch dia	4030210	49.000	Ea
0130	Dr Structure, Adj, Add Depth	4030280	10.000	Ft

0135	Dr Structure, Cleaning	4030290	73.000	Ea
0140	Dr Structure, Tap, 12 inch	4030312	15.000	Ea
0145	HMA, 3C	5010031	3,950.000	Ton
0150	HMA, 13A	5010033	4,610.000	Ton
0155	HMA Approach	5010061	1,880.000	Ton
0160	_ Driveway, Nonreinf Conc, 5 inch, Modified	8017011	130.000	Syd
0165	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	226.000	Syd
0170	Curb and Gutter, Conc, Det F4	8020038	11,072.000	Ft
0175	Driveway Opening, Conc, Det M	8020050	577.000	Ft
0180	Detectable Warning Surface	8030010	195.000	Ft
0185	Curb Ramp Opening, Conc	8030030	317.000	Ft
0190	Sidewalk, Conc, 4 inch	8030044	563.000	Sft
0195	Curb Ramp, Conc, 4 inch	8032001	4,675.000	Sft
0200	Post, Mailbox	8070095	14.000	Ea
0205	Post, Steel, 3 pound	8100371	1,106.000	Ft
0210	Sign, Type III, Rem	8100403	60.000	Ea
0215	Sign, Type IIIA	8100404	497.000	Sft
0220	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,518.000	Ft
0225	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	97.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0235	Pavt Mrkg, Waterborne, 4 inch, White	8110231	225.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,844.000	Ft
0245	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	225.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,844.000	Ft
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	73.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	73.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	270.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	270.000	Ea
0275	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0285	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	487.000	Ft
0295	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	48.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,400.000	Ft
0305	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	23,100.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,400.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,300.000	Ft
0320	Sign Cover	8120310	10.000	Ea
0325	Sign, Type B, Temp, Prismatic, Furn	8120350	2,434.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	2,434.000	Sft
0335	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	221.000	Sft

0340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	221.000	Sft
0345	Traf Regulator Control	8120370	1.000	LSUM
0350	_ Slope Restoration, Modified	8167011	9,000.000	Syd
0355	_ Adj Watermain Valve Mh, Spec	8237050	3.000	Ea
0360	_ Gate Box, Adj, Case 1, Modified	8237050	6.000	Ea
0365	_ Reconstruct Watermain Valve Mh, Spec	8237050	4.000	Ea
0370	_ Adj Sanitary Sewer Mh, Spec	8257050	15.000	Ea
0375	_ Reconstruct Sanitary Sewer Mh, Spec	8257050	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 030**Letting Date:** November 3, 2023**Contract ID:** 50000-217652

Description: 0.30 mi of concrete reconstruction including pavement removal, station grading, aggregate base, drainage and pavement markings on 23 Mile Road from Chesterfield Road to Gratiot Avenue, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217652A	23A0828	N/A	STU 50000

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	150,000.000	Dlr
0010	Mobilization, Max \$334,100.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	5.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	277.000	Ft
0025	Curb and Gutter, Rem	2040020	100.000	Ft
0030	Sidewalk, Rem	2040055	147.000	Syd
0035	_ Pavt, Rem, Special	2047011	13,772.000	Syd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0050	_ Station Grading	2057002	17.000	Sta
0055	_ Subgrade Undercutting, Modified	2057021	500.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0065	Erosion Control, Inlet Protection, Sediment Trap	2080024	5.000	Ea
0070	Erosion Control, Silt Fence	2080036	500.000	Ft
0075	Project Cleanup	2090001	1.000	LSUM
0080	Aggregate Base, 6 inch	3020016	756.000	Syd
0085	_ Aggregate, Temporary Road	3027031	1,000.000	Ton
0090	Open-Graded Dr Cse, 16 inch	3030016	14,706.000	Syd
0095	Geotextile, Separator	3080005	16,530.000	Syd
0100	Sewer, CI IV, 12 inch, Tr Det B	4020987	399.000	Ft
0105	Sewer, CI IV, 18 inch, Tr Det B	4020989	83.000	Ft
0110	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0115	Trench Undercut and Backfill	4021260	50.000	Cyd
0120	Video Taping Sewer and Culv Pipe	4021275	500.000	Ft
0125	_ Sewer, 12 inch, Ductile Iron	4027001	20.000	Ft
0130	_ Ductile Iron Bend, 12 inch, 22.5 Degrees	4027050	2.000	Ea

0135	_ Ductile Iron Bend, 12 inch, 45 Degrees	4027050	2.000	Ea
0140	_ Ductile Iron Bend, 12 inch, 90 Degrees	4027050	2.000	Ea
0145	Dr Structure Cover, Type B	4030010	6.000	Ea
0150	Dr Structure Cover, Type G	4030040	1.000	Ea
0155	Dr Structure Cover, Type K	4030050	19.000	Ea
0160	Dr Structure, 24 inch dia	4030200	7.000	Ea
0165	Dr Structure, 48 inch dia	4030210	8.000	Ea
0170	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0175	Dr Structure, Cleaning	4030290	15.000	Ea
0180	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0185	Dr Structure, Tap, 12 inch	4030312	8.000	Ea
0190	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0195	Dr Structure, Temp Lowering	4030390	5.000	Ea
0200	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	20.000	Ea
0205	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	5.000	Ea
0210	_ Dr Structure, Flat Slab Top	4037050	2.000	Ea
0215	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	3,370.000	Ft
0220	HMA, Temp Pavt (3EML)	5012101	200.000	Ton
0225	_ Bump Grinding, Modified	5017011	500.000	Syd
0230	_ Pavement Ride Quality	5017011	11,812.000	Syd
0235	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	751.000	Syd
0240	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	1,075.000	Syd
0245	Conc Pavt, Nonreinf, 10 inch	6020108	11,812.000	Syd
0250	Pavt Gapping	6020215	300.000	Ft
0255	Lane Tie, Epoxy Anchored	6030030	300.000	Ea
0260	Driveway Opening, Conc, Det M	8020050	667.000	Ft
0265	_ Curb and Gutter, Conc, Det F5, Modified	8027001	2,650.000	Ft
0270	Detectable Warning Surface	8030010	110.000	Ft
0275	Curb Ramp Opening, Conc	8030030	110.000	Ft
0280	Sidewalk, Conc, 4 inch	8030044	890.000	Sft
0285	Curb Ramp, Conc, 7 inch	8032003	605.000	Sft
0290	Post, Mailbox	8070095	1.000	Ea
0295	Fence, Protective	8080007	500.000	Ft
0300	Field Office, CI 3	8090003	6.000	Mo
0305	Field Office, Utility Fees	8090010	10,000.000	Dlr
0310	Post, Steel, 3 pound	8100371	600.000	Ft
0315	Sign, Type IIIA	8100404	50.000	Sft
0320	Sign, Type IIIB	8100405	50.000	Sft
0325	Sign, Type VA	8100424	100.000	Sft
0330	Sign, Type VB	8100425	100.000	Sft
0335	Pavt Mrkg, Polyurea, 4 inch, White	8110091	3,000.000	Ft
0340	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	8,000.000	Ft
0345	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	650.000	Ft
0350	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	130.000	Ft
0355	Rem Spec Mrkg	8110343	200.000	Sft

0360	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Shadow Tape, Black	8110388	3,200.000	Ft
0365	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	100.000	Ft
0370	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0375	Pavt Mrkg, Polyurea, Railroad Sym	8110411	5.000	Ea
0380	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0385	Recessing Pavt Mrkg, Longit	8110450	11,000.000	Ft
0390	Recessing Pavt Mrkg, Transv	8110451	780.000	Sft
0395	Scarification, for Polyurea Spec Mrkg	8112159	100.000	Sft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0405	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0415	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0425	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0435	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,000.000	Ft
0440	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	500.000	Ft
0445	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,500.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,500.000	Ft
0455	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0465	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	100.000	Ft
0470	Sign Cover	8120310	30.000	Ea
0475	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0480	Sign, Portable, Changeable Message, Oper	8120331	4.000	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	800.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0505	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0510	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0515	Traf Regulator Control	8120370	1.000	LSUM
0520	_ Turf Establishment, Performance	8167011	12,000.000	Syd
0525	Conduit, DB, 1, 1 1/2 inch	8182048	40.000	Ft
0530	Conduit, DB, 1, 3 inch	8182050	10.000	Ft
0535	Cable Pole, TS, Disman	8182210	2.000	Ea
0540	Wood Pole, CI 4, 40 foot	8182351	2.000	Ea
0545	Wood Pole, Rem	8182363	2.000	Ea
0550	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0555	Steel Pole, Fit Up, TS Cable Pole	8182397	1.000	Ea

0560	Anchor Guy	8200001	2.000	Ea
0565	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	9.000	Ea
0570	Case Sign, Rem	8200020	4.000	Ea
0575	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
0580	Pedestal, Alum	8200100	2.000	Ea
0585	Pedestal, Fdn	8200105	2.000	Ea
0590	Pedestal Fdn, Rem	8200106	2.000	Ea
0595	Pedestal, Rem	8200110	2.000	Ea
0600	Pushbutton and Sign	8200121	2.000	Ea
0605	Span Wire	8200140	1.000	Ea
0610	Span Wire, Rem	8200141	1.000	Ea
0615	Guy, Rem	8200167	2.000	Ea
0620	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0625	TS, Span Wire Mtd, Rem	8200182	14.000	Ea
0630	TS, Lens	8200247	2.000	Ea
0635	TS, Lens, Rem	8200248	2.000	Ea
0640	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0645	TS, Two Way Span Wire Mtd (LED)	8200322	5.000	Ea
0650	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
0655	TS, Four Way Span Wire Mtd (LED)	8200327	1.000	Ea
0660	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0665	TS Face, Bag	8200458	26.000	Ea
0670	TS Face, Bag, Rem	8200459	21.000	Ea
0675	_ Electrical Device, Adjust	8207050	4.000	Ea
0680	Monument Box	8210001	1.000	Ea
0685	Monument Box Adj	8210005	1.000	Ea
0690	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0695	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0700	Gate Box, Adj, Case 1	8230431	1.000	Ea
0705	Water Main Conflict, 8 inch	8232024	1.000	Ea
0710	Water Main Conflict, 24 inch	8232028	1.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 031**Letting Date:** November 3, 2023**Contract ID:** 50000-206705

Description: 0.96 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on Ryan Road from 10 Mile Road north to 11 Mile Road in the city of Warren, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206705A	23A0936	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Preconstruction Audio-Visual Filming	1047051	1.000	LSUM
0010	_ Reimbursed Permit Fees	1077060	15,000.000	Dlr
0015	Mobilization, Max \$577,500.00	1100001	1.000	LSUM
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	82.000	Ft
0030	Sewer, Rem, 24 inch to 48 inch	2030016	47.000	Ft
0035	Curb and Gutter, Rem	2040020	9,667.000	Ft
0040	Guardrail, Rem	2040035	90.000	Ft
0045	Pavt, Rem	2040050	5,520.000	Syd
0050	Sidewalk, Rem	2040055	1,122.000	Syd
0055	Exploratory Investigation, Vertical	2040080	25.000	Ft
0060	_ Bollard, Rem	2047050	3.000	Ea
0065	Embankment, CIP	2050010	1,900.000	Cyd
0070	Excavation, Earth	2050016	3,000.000	Cyd
0075	Subgrade Undercutting, Type IV	2050043	150.000	Cyd
0080	_ Subgrade Undercutting, Spec	2057021	50.000	Cyd
0085	Erosion Control, Inlet Protection, Fabric Drop	2080020	61.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0095	Aggregate Base, 4 inch	3020010	4,214.000	Syd
0100	Aggregate Base, 6 inch	3020016	2,103.000	Syd
0105	Maintenance Gravel	3060020	500.000	Ton
0110	Driveway Maintenance, Commercial	3062000	37.000	Ea
0115	Driveway Maintenance, Residential	3062001	17.000	Ea
0120	Intersection Maintenance	3062002	15.000	Ea
0125	Approach, CI II, 8 inch	3070030	202.000	Syd
0130	_ Steel Casing Pipe, 20 inch, Jacked in Place, Warren	4017001	72.000	Ft
0135	Video Taping Sewer and Culv Pipe	4021275	129.000	Ft

0140	_ Sewer Repr, CI IV, 12 inch, Tr Det B	4027001	48.000	Ft
0145	_ Sewer Repr, CI IV, 18 inch, Tr Det B	4027001	34.000	Ft
0150	_ Sewer Repr, CI IV, 24 inch, Tr Det B	4027001	47.000	Ft
0155	Dr Structure Cover, Adj, Case 1	4030005	83.000	Ea
0160	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0165	Dr Structure, Adj, Add Depth	4030280	80.000	Ft
0170	Dr Structure, Cleaning	4030290	87.000	Ea
0175	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
0180	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0185	Dr Structure, Tap, 24 inch	4030324	2.000	Ea
0190	Dr Structure, Temp Lowering	4030390	74.000	Ea
0195	_ Catch Basin Cover, Warren	4037050	40.000	Ea
0200	_ External Structure Wrap, 18 inch	4037050	119.000	Ea
0205	_ HDPE Structure Adjustment Ring	4037050	238.000	Ea
0210	_ Sanitary Mh Cover, Warren	4037050	14.000	Ea
0215	_ Storm Mh Cover, Warren	4037050	25.000	Ea
0220	Pavt, Cleaning	5010001	1.000	LSUM
0225	HMA Surface, Rem	5010005	574.000	Syd
0230	Pavt Joint and Crack Repr, Det 7	5010020	10,000.000	Ft
0235	Pavt Joint and Crack Repr, Det 8	5010021	100.000	Ft
0240	Hand Patching	5010025	195.000	Ton
0245	HMA, 4EML	5012025	6,000.000	Ton
0250	HMA, 5EML	5012037	3,115.000	Ton
0255	HMA, Temp Pavt (5EML)	5012105	150.000	Ton
0260	_ Cold Milling Pavt	5017011	31,462.000	Syd
0265	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	1,924.000	Syd
0270	Joint, Expansion, E3	6020208	200.000	Ft
0275	Pavt Gapping	6020215	855.000	Ft
0280	Joint, Contraction, Crg	6030020	2,200.000	Ft
0285	Lane Tie, Epoxy Anchored	6030030	6,325.000	Ea
0290	Non-Chloride Accelerator	6030035	50.000	Gal
0295	Pavt Repr, Nonreinf Conc, 9 inch	6030046	2,981.000	Syd
0300	Pavt Repr, Nonreinf Conc, 13 inch	6030053	78.000	Syd
0305	Pavt Repr, Rem	6030080	3,059.000	Syd
0310	Driveway, Nonreinf Conc, 6 inch	8010005	469.000	Syd
0315	Driveway, Nonreinf Conc, 8 inch	8010007	3,049.000	Syd
0320	Driveway Opening, Conc, Det M	8020050	3,434.000	Ft
0325	_ Curb and Gutter, Conc, Det F1, Modified	8027001	6,528.000	Ft
0330	Detectable Warning Surface	8030010	129.000	Ft
0335	Curb Ramp Opening, Conc	8030030	173.000	Ft
0340	Sidewalk, Conc, 4 inch	8030044	3,562.000	Sft
0345	Sidewalk, Conc, 6 inch	8030046	376.000	Sft
0350	Sidewalk, Conc, 8 inch	8030048	1,626.000	Sft
0355	Curb Ramp, Conc, 4 inch	8032001	3,566.000	Sft
0360	_ Curb Ramp, Conc, 8 Inch	8037010	1,001.000	Sft

0365	_ Pavt, Clay Brick Pavers	8037010	480.000	Sft
0370	_ Pavt, Clay Brick Pavers, Rem	8037010	505.000	Sft
0375	Post, Mailbox	8070095	21.000	Ea
0380	Band, Sign	8100010	16.000	Ea
0385	Post, Steel, 3 pound	8100371	356.000	Ft
0390	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0395	Sign, Type IIA	8100398	14.000	Sft
0400	Sign, Type III, Rem	8100403	51.000	Ea
0405	Sign, Type IIIA	8100404	44.000	Sft
0410	Sign, Type IIIB	8100405	66.000	Sft
0415	Ground Mtd Sign Support, Rem	8102010	27.000	Ea
0420	_ Sign, Type IIIA, Spec	8107010	44.000	Sft
0425	_ Sign, Type IIIB, Spec	8107010	15.000	Sft
0430	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	627.000	Ft
0435	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	78.000	Ft
0440	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	19.000	Ft
0445	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	249.000	Ft
0450	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,141.000	Ft
0455	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,922.000	Ft
0460	Rem Curing Compound, for Spec Mrkg	8110321	1,198.000	Sft
0465	Rem Spec Mrkg	8110343	100.000	Sft
0470	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
0475	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	11.000	Ea
0480	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0485	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0490	Scarification, for Polyurea Spec Mrkg	8112159	1,385.000	Sft
0495	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0505	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0510	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0515	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0520	Conc Barrier, Temp, Furn	8120081	189.000	Ft
0525	Conc Barrier, Temp, Oper	8120082	189.000	Ft
0530	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0535	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0545	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	44.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	9,878.000	Ft
0555	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	11,750.000	Ft
0560	Plastic Drum, Fluorescent, Furn	8120252	700.000	Ea
0565	Plastic Drum, Fluorescent, Oper	8120253	700.000	Ea
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	99.000	Ft

0575	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0580	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0585	Sign, Type B, Temp, Prismatic, Furn	8120350	992.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	992.000	Sft
0595	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	291.000	Sft
0600	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	291.000	Sft
0605	Traf Regulator Control	8120370	1.000	LSUM
0610	Topsoil Surface, Furn, 3 inch	8160061	12,082.000	Syd
0615	Water, Sodding/Seeding	8160090	375.000	Unit
0620	_ Grass Pavers	8167011	114.000	Syd
0625	_ Hydroseeding	8167011	12,082.000	Syd
0630	Case Sign Panel, Rem	8200004	1.000	Ea
0635	Case Sign Panel, Salv	8200005	1.000	Ea
0640	TS Head, Temp	8200453	19.000	Ea
0645	TS Face, Bag	8200458	42.000	Ea
0650	TS Face, Bag, Rem	8200459	42.000	Ea
0655	Monument Box Adj	8210005	1.000	Ea
0660	Gate Valve, 8 inch	8230062	18.000	Ea
0665	Gate Valve, 12 inch	8230064	12.000	Ea
0670	Hydrant, Rem	8230091	7.000	Ea
0675	Water Main, DI, 12 inch, Tr Det G	8230166	83.000	Ft
0680	Water Serv	8230240	15.000	Ea
0685	Water Serv, Long	8230245	19.000	Ea
0690	Water Serv, Conflict	8230250	2.000	Ea
0695	Gate Well, 60 inch dia	8230360	18.000	Ea
0700	Gate Well, 72 inch dia	8230372	14.000	Ea
0705	Water Main, DI, 12 inch	8232008	72.000	Ft
0710	_ Irrigation Pipe	8237001	300.000	Ft
0715	_ Water Main, Fusible PVC, C-900 DR 18, 12 inch, Directional Drilled	8237001	4,787.000	Ft
0720	_ Water Main, Fusible PVC, C-900 DR 18, 8 inch, Directional Drilled	8237001	101.000	Ft
0725	_ Water Main, PVC, C-900 DR 18, 12 inch, Tr Det F	8237001	54.000	Ft
0730	_ Water Main, PVC, C-900 DR 18, 12 inch, Tr Det G	8237001	250.000	Ft
0735	_ Water Main, PVC, C-900 DR 18, 6 inch Tr Det G	8237001	62.000	Ft
0740	_ Water Main, PVC, C-900 DR 18, 8 inch, Tr Det F	8237001	75.000	Ft
0745	_ Water Main, PVC, C-900 DR 18, 8 inch, Tr Det G	8237001	1,179.000	Ft
0750	_ Water Main, Rem	8237001	33.000	Ft
0755	_ Fire Hydrant Assembly	8237050	14.000	Ea
0760	_ Gate Box, Rem	8237050	6.000	Ea
0765	_ Gate Valve and Well, Rem	8237050	29.000	Ea
0770	_ Gate Well Cover, Warren	8237050	32.000	Ea
0775	_ Sprinkler Head	8237050	50.000	Ea
0780	_ Tapping Sleeve and Valve, 12 inch x 8 inch	8237050	2.000	Ea
0785	_ Water Main Connection, 12 inch	8237050	3.000	Ea

0790	_ Water Main Connection, 6 inch	8237050	5.000	Ea
0795	_ Water Main Connection, 8 inch	8237050	16.000	Ea
0800	_ Water Main, Abandon	8237051	1.000	LSUM
0805	_ Sanitary Lead Repr, 6 inch, Tr Det B	8507001	100.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 231103 032**Letting Date:** November 3, 2023**Contract ID:** 33000-212305**Description:** Superstructure replacement, road reconstruction and culvert replacement on Holt Road over Doan Creek, Ingham County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212305A	23A0864	N/A	BFP 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$157,200.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.450	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	33.000	Ft
0040	Fence, Rem	2040025	236.000	Ft
0045	Guardrail, Rem	2040035	308.000	Ft
0050	Embankment, CIP	2050010	1,451.000	Cyd
0055	Excavation, Earth	2050016	3,031.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	36.000	Ft
0065	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0070	Erosion Control, Sediment Trap	2080034	5.000	Ea
0075	Erosion Control, Silt Fence	2080036	2,367.000	Ft
0080	Erosion Control, Turbidity Curtain, Shallow	2080044	80.000	Ft
0085	Subbase, CIP	3010002	2,573.000	Cyd
0090	Aggregate Base, 6 inch	3020016	223.000	Syd
0095	Aggregate Base, 8 inch	3020020	3,979.000	Syd
0100	_ Aggregate Surface Cse, 4 inch	3027011	85.000	Syd
0105	Shld, CI II, 6 inch	3070128	521.000	Syd
0110	Road Grade Biaxial Geogrid	3082002	356.000	Syd
0115	Culv End Sect, 12 inch	4010012	6.000	Ea
0120	Culv, CI F, Conc, 12 inch	4010641	62.000	Ft
0125	Culv, Outlet Headwall, 18 inch	4012002	1.000	Ea
0130	Pavt, Cleaning	5010001	1.000	LSUM
0135	HMA Surface, Rem	5010005	3,244.000	Syd
0140	HMA Approach	5010061	99.000	Ton

0145	HMA, 3EML	5012013	365.000	Ton
0150	HMA, 4EML	5012025	679.000	Ton
0155	Conc Pavt, Bridge Approach, Reinf	6020600	175.000	Syd
0160	Curb and Gutter, Bridge Approach, Det 5	8022016	53.000	Ft
0165	Curb and Gutter, Bridge Approach, Det 6	8022017	69.000	Ft
0170	_ Spillway, Conc, Modified	8027001	19.000	Ft
0175	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0180	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0185	Guardrail Post, Culv	8070070	6.000	Ea
0190	Guardrail Reflector	8070080	48.000	Ea
0195	Post, Mailbox	8070095	8.000	Ea
0200	Guardrail Anch, Bridge, Det M1	8070130	3.000	Ea
0205	Guardrail Anch, Bridge, Det M3, Curved	8072038	1.000	Ea
0210	Guardrail, Curved, Type B-CRT	8072154	63.000	Ft
0215	Guardrail, Type MGS-8, 72 inch Post	8072179	801.000	Ft
0220	Fence, Woven Wire with Wood Post	8080001	216.000	Ft
0225	Delineator Reflector, Green	8100133	6.000	Ea
0230	Post, Rigid, Delineator	8100361	6.000	Ea
0235	Post, Steel, 3 pound	8100371	44.000	Ft
0240	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0245	Sign, Type III, Rem	8100403	8.000	Ea
0250	Sign, Type IIIA	8100404	7.000	Sft
0255	Sign, Type IIIB	8100405	7.000	Sft
0260	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0265	Ground Mtd Sign Support, Rem	8102010	8.000	Ea
0270	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	276.000	Ft
0275	Pavt Mrkg, Polyurea, 6 inch, White	8110094	2,120.000	Ft
0280	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	25.000	Ft
0285	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	198.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0305	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0315	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0325	Sign, Type B, Temp, Prismatic, Furn	8120350	492.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	492.000	Sft
0335	Riprap, Plain	8130010	176.000	Syd
0340	_ Cross Vane	8137001	44.000	Ft
0345	_ Slope Restoration, Type II	8167011	3,444.000	Syd
0350	_ Slope Restoration, Type III	8167011	1,672.000	Syd

0355	Contractor Staking	8240001	1.000	LSUM
0360	Staking Plan Errors and Extras, Max \$180/hour	8240002	18.000	Hr

Section: 2

0365	Structures, Rem Portions (Str. No. 3869)	2040061	1.000	LSUM
0370	Backfill, Structure, CIP	2060002	475.000	Cyd
0375	Excavation, Fdn	2060010	910.000	Cyd
0380	_ Bypass Pumping	4017051	1.000	LSUM
0385	Underdrain, Fdn, 6 inch	4040033	167.000	Ft
0390	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0395	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0400	Culv Bedding, Box Culv	4060005	56.000	Cyd
0405	_ Culv, Precast Conc Box, 16 ft by 6 ft	4067001	69.000	Ft
0410	Bridge Ltg, Furn and Rem (Str. No. 3869)	7060001	1.000	LSUM
0415	Bridge Ltg, Oper and Maintain	7060002	65.000	Cyd
0420	False Decking	7060060	1,710.000	Sft
0425	Reinforcement, Steel, Epoxy Coated	7060092	13,052.000	Lb
0430	Substructure Conc	7060100	28.000	Cyd
0435	Superstructure Conc	7060110	7.000	Cyd
0440	Superstructure Conc, Form, Finish, and Cure (Str. No. 3869)	7060111	1.000	LSUM
0445	Superstructure Conc, Form, Finish, and Cure, Night Casting (Str. No. 3869)	7060112	1.000	LSUM
0450	Superstructure Conc, Night Casting	7060113	65.000	Cyd
0455	Sealing Localized Cracks (Str. No. 3869)	7060220	1.000	LSUM
0460	Bearing, Elastomeric, 2 3/4 inch	7070019	3,168.000	Sin
0465	Prest Conc Box Beam, Furn, 17 inch	7080055	263.000	Ft
0470	Prest Conc Box Beam, Erect, 17 inch	7080056	263.000	Ft
0475	Joint Waterproofing	7100001	265.000	Sft
0480	Bridge Railing, 2 Tube	7110008	71.000	Ft
0485	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	106.000	Ea
0490	Embedded Galvanic Anode	7120120	220.000	Ea
0495	Riprap, Plain	8130010	100.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 231103 033**Letting Date:** November 3, 2023**Contract ID:** 56000-212909

Description: 1.74 mi of hot mix asphalt cold milling and resurfacing, shoulder widening, drainage, signing and pavement markings on Eastman Road from Monroe Road to Mier Road, Midland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212909A	23A0932	N/A	STUL 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$144,700.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.000	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	24.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0035	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	233.000	Ft
0045	Pavt, Rem	2040050	52.000	Syd
0050	Ditch Cleanout	2050006	40.000	Sta
0055	Embankment, CIP	2050010	1,100.000	Cyd
0060	Excavation, Earth	2050016	6,900.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0080	Erosion Control, Sediment Trap	2080034	1.000	Ea
0085	Erosion Control, Silt Fence	2080036	2,733.000	Ft
0090	Subbase, CIP	3010002	5,628.000	Cyd
0095	Aggregate Base, 6 inch	3020016	7,935.000	Syd
0100	Maintenance Gravel	3060020	402.000	Ton
0105	Approach, CI I, 6 inch	3070008	1,187.000	Syd
0110	Approach, CI II, 6 inch	3070028	856.000	Syd
0115	_ Shld, CI II, Modified	3077031	720.000	Ton
0120	Culv End Sect, 12 inch	4010012	2.000	Ea
0125	Culv End Sect, 15 inch	4010015	46.000	Ea
0130	Culv End Sect, 18 inch	4010018	3.000	Ea
0135	Culv, CI A, 18 inch	4010133	48.000	Ft

0140	Culv, CI A, 24 inch	4010134	42.000	Ft
0145	Culv, CI E, 15 inch	4010540	35.000	Ft
0150	Culv, CI E, 18 inch	4010541	76.000	Ft
0155	Culv, CI F, 12 inch	4010607	32.000	Ft
0160	Culv, CI F, 15 inch	4010608	737.000	Ft
0165	Culv, CI F, 18 inch	4010609	86.000	Ft
0170	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	9.000	Ea
0175	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0180	Sewer, CI A, 15 inch, Tr Det A	4020005	506.000	Ft
0185	Sewer, CI A, 18 inch, Tr Det A	4020006	133.000	Ft
0190	Sewer, CI A, 15 inch, Tr Det B	4020034	119.000	Ft
0195	Sewer, CI A, 18 inch, Tr Det B	4020035	112.000	Ft
0200	Sewer, CI E, 15 inch, Tr Det B	4020601	97.000	Ft
0205	Sewer Tap, 15 inch	4021205	2.000	Ea
0210	Sewer Tap, 18 inch	4021206	2.000	Ea
0215	Trench Undercut and Backfill	4021260	10.000	Cyd
0220	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0225	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0230	Dr Structure Cover, Type B	4030010	5.000	Ea
0235	Dr Structure Cover, Type G	4030040	4.000	Ea
0240	Dr Structure, 48 inch dia	4030210	7.000	Ea
0245	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	1.000	Ft
0250	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0255	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0260	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0265	Underdrain Outlet, 6 inch	4040093	75.000	Ft
0270	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0275	Cold Milling HMA Surface	5010002	27,985.000	Syd
0280	HMA Surface, Rem	5010005	1,911.000	Syd
0285	Hand Patching	5010025	182.000	Ton
0290	HMA Approach	5010061	560.000	Ton
0295	HMA, 4EML	5012025	636.000	Ton
0300	HMA, 5EML	5012037	2,791.000	Ton
0305	Driveway, Nonreinf Conc, 6 inch	8010005	69.000	Syd
0310	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0315	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0320	Guardrail Departing Terminal, Type B	8070050	7.000	Ea
0325	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0330	Guardrail Reflector	8070080	130.000	Ea
0335	Post, Mailbox	8070095	32.000	Ea
0340	Guardrail, Long Span, Det MGS-1	8072121	1.000	Ea
0345	Guardrail, Curved, Type B, 96 inch Post	8072142	100.000	Ft
0350	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	13.000	Ft
0355	Guardrail, Type MGS-8, 108 inch Post	8072180	2,304.000	Ft

0360	Post, Steel, 3 pound	8100371	262.000	Ft
0365	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0370	Sign, Type III, Rem	8100403	15.000	Ea
0375	Sign, Type IIIA	8100404	40.000	Sft
0380	Sign, Type IIIB	8100405	29.000	Sft
0385	Sign, Type VB	8100425	18.000	Sft
0390	Reflective Panel for Permanent Sign Support, 6 foot	8100616	5.000	Ea
0395	Sign, Type III, Rem, Salv	8102003	7.000	Ea
0400	Ground Mtd Sign Support, Rem	8102010	16.000	Ea
0405	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	126.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0415	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0425	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,195.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,306.000	Ft
0435	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	20,195.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,306.000	Ft
0445	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0455	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0460	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0465	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0475	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	737.000	Ft
0485	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0490	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0495	Sign, Type B, Temp, Prismatic, Furn	8120350	671.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	671.000	Sft
0505	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	75.000	Sft
0510	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	75.000	Sft
0515	Traf Regulator Control	8120370	1.000	LSUM
0520	Riprap, Plain	8130010	71.000	Syd
0525	Slope Restoration, Non-Freeway, Type A	8162001	3,200.000	Syd
0530	Slope Restoration, Non-Freeway, Type F	8162006	9,510.000	Syd
0535	_ Slope Restoration, Non-Freeway, Type G	8167011	5,740.000	Syd
0540	Monument Box	8210001	1.000	Ea
0545	Monument Box Adj	8210005	4.000	Ea
0550	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	8,704.000	Ft
0555	Gate Box, Adj, Case 1	8230431	1.000	Ea
0560	Gate Box, Adj, Case 2	8230432	6.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 034**Letting Date:** November 3, 2023**Contract ID:** 73000-216276

Description: 0.54 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb, gutter and sidewalk ramps, water main, signing and pavement markings on Sheridan Avenue from Treanor Street to north of Hess Avenue in the city of Saginaw, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216276A	23A0894	N/A	STUL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$161,800.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	4.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	78.000	Ft
0020	Curb and Gutter, Rem	2040020	1,888.000	Ft
0025	Sidewalk, Rem	2040055	455.000	Syd
0030	Exploratory Investigation, Vertical	2040080	30.000	Ft
0035	_ Pavt, Rem, Modified	2047011	1,552.000	Syd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0050	_ Machine Grading, Modified	2057002	27.000	Sta
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0060	_ Aggregate Base, 4 inch, Modified	3027011	578.000	Syd
0065	_ Aggregate Base, 6 inch, Modified	3027011	960.000	Syd
0070	HMA Base Crushing and Shaping	3050002	12,308.000	Syd
0075	_ Geotextile, Separator, Modified	3087011	3,356.000	Syd
0080	_ Sewer, 6 inch, SDR-26	4027001	52.000	Ft
0085	_ Sewer Trap	4027050	4.000	Ea
0090	Dr Structure Cover, Type B	4030010	17.000	Ea
0095	Dr Structure Cover, Type D	4030025	3.000	Ea
0100	Dr Structure Cover, Type K	4030050	15.000	Ea
0105	_ Combined Sewer Manhole, Adj, Add Depth	4037001	10.000	Ft
0110	_ Combined Sewer Manhole, Cover, Adj, Case 1	4037050	31.000	Ea
0115	_ Dr Structure, 48 inch dia, Modified	4037050	4.000	Ea
0120	_ Gas and Water Shutoff, Adj, Modified	4037050	12.000	Ea
0125	HMA, 3C	5010031	2,515.000	Ton
0130	HMA, 4EL	5012024	1,685.000	Ton
0135	Cement	6030005	10.000	Ton

0140	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	90.000	Syd
0145	_ Driveway, Nonreinf Conc, 7 inch, Modified	8017011	88.000	Syd
0150	_ Driveway, Nonreinf Conc, 9 inch, Modified	8017011	281.000	Syd
0155	_ Curb and Gutter, Conc, Det F4, Modified	8027001	1,970.000	Ft
0160	_ Driveway Opening, Conc, Det M, Modified	8027001	136.000	Ft
0165	_ Curb Ramp Opening, Conc, Modified	8037001	163.000	Ft
0170	_ Detectable Warning Surface, Modified	8037001	120.000	Ft
0175	_ Curb Ramp, Conc, 7 inch, Modified	8037010	1,730.000	Sft
0180	_ Sidewalk, Conc, 4 inch, Modified	8037010	6,328.000	Sft
0185	_ Sidewalk, Conc, 6 inch, Modified	8037010	214.000	Sft
0190	Post, Steel, 3 pound	8100371	615.000	Ft
0195	Sign, Type III, Erect, Salv	8100402	17.000	Ea
0200	Sign, Type III, Rem	8100403	34.000	Ea
0205	Sign, Type IIIA	8100404	28.000	Sft
0210	Sign, Type IIIB	8100405	152.000	Sft
0215	Sign, Type VB	8100425	44.000	Sft
0220	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	716.000	Ft
0225	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	200.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	65.000	Ft
0235	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	2.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	11.000	Ea
0245	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	2.000	Ea
0255	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0265	Pavt Mrkg, Ovly Cold Plastic, Sharrow Sym	8110079	2.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,460.000	Ft
0275	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,024.000	Ft
0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,460.000	Ft
0285	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,024.000	Ft
0290	Rem Spec Mrkg	8110343	280.000	Sft
0295	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	11.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	36.000	Ea
0305	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	36.000	Ea
0310	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
0315	Dust Palliative, Applied	8120100	5.000	Ton
0320	Minor Traf Devices	8120170	1.000	LSUM
0325	Plastic Drum, Fluorescent, Furn	8120252	110.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	110.000	Ea
0335	Sign Cover	8120310	5.000	Ea
0340	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0345	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea

0350	Sign, Type B, Temp, Prismatic, Furn	8120350	433.000	Sft
0355	Sign, Type B, Temp, Prismatic, Oper	8120351	433.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	108.000	Sft
0365	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	108.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0375	_ Turf Establishment, Performance	8167002	29.000	Sta
0380	_ Monument Box, Modified	8217050	3.000	Ea
0385	Gate Box, Adj, Case 1	8230431	1.000	Ea
0390	_ Water Main, 10 inch, Tr Det G, Modified	8237001	4.000	Ft
0395	_ Water Main, 12 inch, Tr Det G, Modified	8237001	2,133.000	Ft
0400	_ Water Main, 6 inch, Tr Det G, Modified	8237001	99.000	Ft
0405	_ Water Main, 8 inch, Tr Det G, Modified	8237001	859.000	Ft
0410	_ Connection To Existing 10 inch Water Main	8237050	1.000	Ea
0415	_ Connection To Existing 12 inch Water Main	8237050	3.000	Ea
0420	_ Connection To Existing 6 inch Water Main	8237050	4.000	Ea
0425	_ Gate Valve and Box, 12 inch	8237050	6.000	Ea
0430	_ Gate Valve and Box, 6 inch	8237050	1.000	Ea
0435	_ Gate Valve and Box, 8 inch	8237050	5.000	Ea
0440	_ Hydrant, Complete, 6 inch	8237050	7.000	Ea
0445	_ Hydrant, Rem, Modified	8237050	4.000	Ea
0450	_ Water Serv, Long, Modified	8237050	24.000	Ea
0455	_ Water Serv, Modified	8237050	5.000	Ea
0460	_ Water Serv, Private	8237050	1.000	Ea
0465	_ Abandon Existing Water Main, In Place	8237051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 231103 035**Letting Date:** November 3, 2023**Contract ID:** 63000-209477

Description: 1.88 mi of hot mix asphalt cold milling and resurfacing, add left turn lane, concrete curb and gutter, guardrail and pavement markings on Wixom Road from 10 Mile Road to Hartwick Drive in the city of Novi, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209477A	23A0893	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio Video Route Survey	1077051	1.000	LSUM
0010	Mobilization, Max \$408,200.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	11.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	32.000	Ft
0025	Curb and Gutter, Rem	2040020	15,381.000	Ft
0030	Guardrail, Rem	2040035	1,276.000	Ft
0035	Pavt, Rem	2040050	40.000	Syd
0040	Sidewalk, Rem	2040055	701.000	Syd
0045	Embankment, CIP	2050010	3,026.000	Cyd
0050	Excavation, Earth	2050016	7,101.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0060	_ Subgrade Undercutting, Type II, 1 by 3	2057021	200.000	Cyd
0065	_ Subgrade Undercutting, Type II, 21AA	2057021	200.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0075	Erosion Control, Filter Bag	2080014	5.000	Ea
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	68.000	Ea
0085	Erosion Control, Inlet Protection, Sediment Trap	2080024	37.000	Ea
0090	Erosion Control, Silt Fence	2080036	4,815.000	Ft
0095	Project Cleanup	2090001	1.000	LSUM
0100	Aggregate Base, 4 inch	3020010	1,042.000	Syd
0105	Aggregate Base, 6 inch	3020016	2,346.000	Syd
0110	Aggregate Base, 8 inch	3020020	22,940.000	Syd
0115	Maintenance Gravel	3060020	1,000.000	Ton
0120	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0125	Culv End Sect, Metal, 18 inch	4010096	1.000	Ea
0130	Culv, CI A, 18 inch	4010133	9.000	Ft
0135	Culv, CI A, Conc, 18 inch	4010167	6.000	Ft

0140	Sewer, CI A, 12 inch, Tr Det B	4020033	187.000	Ft
0145	Sewer, CI A, 15 inch, Tr Det B	4020034	39.000	Ft
0150	Sewer, CI A, 18 inch, Tr Det B	4020035	25.000	Ft
0155	Sewer Tap, 18 inch	4021206	3.000	Ea
0160	Sewer Tap, 36 inch	4021209	1.000	Ea
0165	Dr Structure Cover, Adj, Case 1	4030005	80.000	Ea
0170	Dr Structure Cover, Adj, Case 2	4030006	21.000	Ea
0175	Dr Structure Cover, Type B	4030010	46.000	Ea
0180	Dr Structure Cover, Type D	4030025	1.000	Ea
0185	Dr Structure Cover, Type G	4030040	7.000	Ea
0190	Dr Structure Cover, Type K	4030050	53.000	Ea
0195	Dr Structure Cover, Type Q	4030065	1.000	Ea
0200	Dr Structure, 24 inch dia	4030200	19.000	Ea
0205	Dr Structure, 48 inch dia	4030210	10.000	Ea
0210	Dr Structure, 60 inch dia	4030220	1.000	Ea
0215	Dr Structure, Tap, 6 inch	4030306	48.000	Ea
0220	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0225	Underdrain, Subgrade, 6 inch	4040073	14,382.000	Ft
0230	Underdrain Outlet, 6 inch	4040093	335.000	Ft
0235	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0240	Pavt, Cleaning	5010001	1.000	LSUM
0245	Cold Milling HMA Surface	5010002	27,722.000	Syd
0250	HMA Surface, Rem	5010005	15,224.000	Syd
0255	Joint and Crack, Cleanout	5010015	500.000	Ft
0260	Pavt Joint and Crack Repr, Det 7	5010020	500.000	Ft
0265	Hand Patching	5010025	12.000	Ton
0270	HMA Approach	5010061	3,783.000	Ton
0275	HMA, 2EMH	5012002	2,414.000	Ton
0280	HMA, 5EMH	5012038	7,675.000	Ton
0285	Conc Base Cse, Nonreinf, 8 inch	6020019	1,566.000	Syd
0290	Cold Milling Conc Pavt	6030014	29.000	Syd
0295	Driveway, Nonreinf Conc, 6 inch	8010005	42.000	Syd
0300	Curb, Conc, Det E1	8020001	28.000	Ft
0305	Curb and Gutter, Conc, Det F4	8020038	14,027.000	Ft
0310	Driveway Opening, Conc, Det M	8020050	551.000	Ft
0315	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0320	Spillway, Conc	8020075	7.000	Ft
0325	Detectable Warning Surface	8030010	333.000	Ft
0330	Curb Ramp Opening, Conc	8030030	547.000	Ft
0335	Sidewalk, Conc, 6 inch	8030046	279.000	Sft
0340	Curb Ramp, Conc, 6 inch	8032002	8,009.000	Sft
0345	Shared use Path, HMA	8060040	304.000	Ton
0350	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0355	Guardrail Reflector	8070080	47.000	Ea
0360	Post, Mailbox	8070095	6.000	Ea

0365	Guardrail, Type MGS-8, 72 inch Post	8072179	150.000	Ft
0370	Guardrail, Type MGS-8, 108 inch Post	8072180	1,038.000	Ft
0375	Post, Steel, 3 pound	8100371	1,044.000	Ft
0380	Post, Wood, 4 inch by 6 inch	8100380	60.000	Ft
0385	Sign, Type IIA	8100398	24.000	Sft
0390	Sign, Type IIB	8100399	20.000	Sft
0395	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0400	Sign, Type III, Rem	8100403	87.000	Ea
0405	Sign, Type IIIA	8100404	150.000	Sft
0410	Sign, Type IIIB	8100405	334.000	Sft
0415	Sign, Type VB	8100425	8.000	Sft
0420	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0425	Sign, Type III, Rem, Salv	8102003	3.000	Ea
0430	Ground Mtd Sign Support, Rem	8102010	68.000	Ea
0435	_ Salvage and Erect Street Sign, RCOC	8107050	3.000	Ea
0440	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,376.000	Ft
0445	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	23,470.000	Ft
0450	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	887.000	Ft
0455	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,443.000	Ft
0460	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	323.000	Ft
0465	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	13.000	Ea
0470	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	8.000	Ea
0475	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0480	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	1.000	Ea
0485	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0495	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0505	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0510	Minor Traf Devices	8120170	1.000	LSUM
0515	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	530.000	Ft
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0525	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0530	Sign, Type A, Temp, Prismatic, Furn	8120340	604.000	Sft
0535	Sign, Type A, Temp, Prismatic, Oper	8120341	604.000	Sft
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0545	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0555	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0565	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	250.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch,	8122002	300.000	Ft

	Yellow, Temp			
0575	Pedestrian Path, Temp	8122250	480.000	Ft
0580	Pedestrian Ramp, Temp	8122251	10.000	Ea
0585	Slope Restoration, Non-Freeway, Type E	8162005	21,852.000	Syd
0590	Wireless Vehicle Sensor Node	8200425	6.000	Ea
0595	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0600	TS Face, Bag	8200458	16.000	Ea
0605	TS Face, Bag, Rem	8200459	16.000	Ea
0610	Monument Box	8210001	3.000	Ea
0615	Monument Box Adj	8210005	3.000	Ea
0620	Monument Preservation	8210010	3.000	Ea
0625	Hydrant, Relocate, Case 1	8230095	2.000	Ea
0630	Hydrant, Relocate, Case 2	8230096	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 036**Letting Date:** November 3, 2023**Contract ID:** 34000-218309**Description:** 1.20 mi of hot mix asphalt crushing, shaping and resurfacing and pavement markings on Potters Road from east of Hawley Road to Johnson Road, Ionia County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218309A	23A0808	N/A	STL 34000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$50,000.00	1100001	1.000	LSUM
0010	Erosion Control, Silt Fence	2080036	400.000	Ft
0015	Aggregate Base	3020001	1,823.000	Ton
0020	HMA Base Crushing and Shaping	3050002	21,000.000	Syd
0025	Maintenance Gravel, LM	3060021	60.000	Cyd
0030	Approach, CI II	3070021	73.000	Ton
0035	Shld, CI II	3070121	600.000	Ton
0040	Trenching	3070200	126.000	Sta
0045	HMA Approach	5010061	13.000	Ton
0050	HMA, 4EL	5012024	3,700.000	Ton
0055	Post, Mailbox	8070095	20.000	Ea
0060	Post, Steel, 3 pound	8100371	40.000	Ft
0065	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0070	Sign, Type III, Rem	8100403	1.000	Ea
0075	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,600.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,800.000	Ft
0085	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0095	Minor Traf Devices	8120170	1.000	LSUM
0100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,050.000	Ft
0105	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0115	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,050.000	Ft
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0125	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM
0135	Slope Restoration, Non-Freeway, Type A	8162001	4,000.000	Syd

0140	Monument Box	8210001	2.000	Ea
0145	Monument Preservation	8210010	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 037**Letting Date:** November 3, 2023**Contract ID:** 15000-203648

Description: 2.37 mi of hot mix asphalt shared-use path, pedestrian boardwalk and retaining wall along Boyne City Road from Springwater Beach Road to west of Horton Bay Road, Charlevoix County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203648A	23A0974	N/A	TAL 15000

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	2010001	4.000	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	6.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	38.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0035	Curb and Gutter, Rem	2040020	104.000	Ft
0040	Erosion Control, Silt Fence	2080036	6,750.000	Ft
0045	Culv, CI A, 12 inch	4010131	211.000	Ft
0050	Culv, CI A, 15 inch	4010132	12.000	Ft
0055	HMA Surface, Rem	5010005	34.000	Syd
0060	Hand Patching	5010025	3.000	Ton
0065	_ Helical Pile	7057050	72.000	Ea
0070	_ Helical Pile, Additional 7' Section	7057050	10.000	Ea
0075	_ Helical Pile, Load Test	7057050	2.000	Ea
0080	_ Helical Pile Equipment, Furn	7057051	1.000	LSUM
0085	_ Structure, Boardwalk, Timber	7097010	3,300.000	Sft
0090	_ Modular Block Wall	8007010	3,082.000	Sft
0095	Curb and Gutter, Conc, Det B2	8020016	32.000	Ft
0100	Detectable Warning Surface	8030010	110.000	Ft
0105	Curb Ramp Opening, Conc	8030030	128.000	Ft
0110	Sidewalk, Conc, 6 inch	8030046	1,024.000	Sft
0115	Curb Ramp, Conc, 6 inch	8032002	1,770.000	Sft
0120	Shared use Path, Aggregate	8060010	2,903.000	Ton
0125	Shared use Path, Grading	8060030	7,696.000	Ft
0130	Shared use Path, HMA	8060040	960.000	Ton
0135	_ Wood Fence	8087001	557.000	Ft

0140	Post, Steel, 3 pound	8100371	595.000	Ft
0145	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0150	Sign, Type IIIB	8100405	152.000	Sft
0155	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	322.000	Ft
0160	Pavt Mrkg, Polyurea, 6 inch, White	8110094	8,440.000	Ft
0165	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	180.000	Ft
0170	Recessing Pavt Mrkg, Transv	8110451	491.000	Sft
0175	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0215	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	110.000	Sft
0220	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	110.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	Riprap, Plain	8130010	5.000	Syd
0235	_ Bench	8157050	2.000	Ea
0240	Slope Restoration, Non-Freeway, Type A	8162001	10,535.000	Syd
0245	Slope Restoration, Non-Freeway, Type B	8162002	1,945.000	Syd
0250	Contractor Staking	8240001	1.000	LSUM
0255	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 231103 038**Letting Date:** November 3, 2023**Contract ID:** 50000-214236**Description:** 0.01 mi of construction of concrete sidewalk and a prefabricated pedestrian bridge along 25 Mile Road from Apple Lane to Heathside Drive, Macomb County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214236A	23A0508	N/A	TAU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	5,000.000	Dlr
0010	Mobilization, Max \$30,000.00	1100001	1.000	LSUM
0015	Pavt, Rem	2040050	40.000	Syd
0020	Sidewalk, Rem	2040055	76.000	Syd
0025	Embankment, CIP	2050010	45.000	Cyd
0030	Embankment, Structure, CIP	2050012	200.000	Cyd
0035	Excavation, Earth	2050016	30.000	Cyd
0040	Backfill, Structure, CIP	2060002	327.000	Cyd
0045	Excavation, Fdn	2060010	370.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0055	Erosion Control, Silt Fence	2080036	100.000	Ft
0060	Erosion Control, Turbidity Curtain, Shallow	2080044	30.000	Ft
0065	Aggregate Base, 6 inch	3020016	231.000	Syd
0070	Underdrain, Fdn, 4 inch	4040031	120.000	Ft
0075	HMA, 4EML	5012025	4.000	Ton
0080	HMA, 5EML	5012037	4.000	Ton
0085	Reinforcement, Steel, Epoxy Coated	7060092	7,296.000	Lb
0090	Substructure Conc	7060100	42.000	Cyd
0095	Superstructure Conc	7060110	11.000	Cyd
0100	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0105	_ Boulder Retaining Wall, 12 inch	7067001	20.000	Ft
0110	_ 8'x70' Prefabricated Pedestrian Bridge, Furn	7077051	1.000	LSUM
0115	_ 8'x70' Prefabricated Pedestrian Bridge, Install	7077051	1.000	LSUM
0120	Sidewalk, Conc, 4 inch	8030044	1,590.000	Sft
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0135	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea

0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	90.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	90.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0155	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	_ Riprap, Heavy, Modified	8137011	145.000	Syd
0185	Sodding	8160055	960.000	Syd
0190	Topsoil Surface, Furn, 4 inch	8160062	960.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 231103 039**Letting Date:** November 3, 2023**Contract ID:** 41000-206388

Description: 0.89 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, pavement markings on Courtland Street from Monroe Street easterly to Northland Drive and on Northland Drive from Courtland Street northeasterly to Wolverine Boulevard in the city of Rockford, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206388A	23A0927	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$70,000.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0015	Dr Structure, Rem	2030011	3.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	90.000	Ft
0025	Curb and Gutter, Rem	2040020	1,365.000	Ft
0030	Pavt, Rem	2040050	62.000	Syd
0035	Sidewalk, Rem	2040055	642.000	Syd
0040	_ Machine Grading, Modified	2057002	9.000	Sta
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0050	Subbase, CIP	3010002	170.000	Cyd
0055	_ Aggregate Base, 8 inch, Modified	3027011	2,400.000	Syd
0060	Maintenance Gravel, LM	3060021	20.000	Cyd
0065	Sewer, CI E, 12 inch, Tr Det B	4020600	80.000	Ft
0070	Sewer Tap, 12 inch	4021204	3.000	Ea
0075	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0080	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0085	Dr Structure Cover, Type D	4030025	1.000	Ea
0090	Dr Structure Cover, Type K	4030050	2.000	Ea
0095	Dr Structure, 24 inch dia	4030200	3.000	Ea
0100	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0105	Dr Structure, Temp Lowering	4030390	8.000	Ea
0110	Cold Milling HMA Surface	5010002	15,100.000	Syd
0115	HMA Surface, Rem	5010005	2,450.000	Syd
0120	Hand Patching	5010025	40.000	Ton
0125	HMA, 4EL	5012024	296.000	Ton
0130	HMA, 5EL	5012036	1,515.000	Ton
0135	Driveway, Nonreinf Conc, 6 inch	8010005	390.000	Syd

0140	Curb and Gutter, Conc, Det F4	8020038	950.000	Ft
0145	Driveway Opening, Conc, Det M	8020050	210.000	Ft
0150	Detectable Warning Surface	8030010	123.000	Ft
0155	Curb Ramp Opening, Conc	8030030	270.000	Ft
0160	Sidewalk, Conc, 4 inch	8030044	1,400.000	Sft
0165	Sidewalk, Conc, 6 inch	8030046	2,300.000	Sft
0170	Curb Ramp, Conc, 6 inch	8032002	2,300.000	Sft
0175	_ Brick Pavers, Rem and Salv	8037010	90.000	Sft
0180	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	90.000	Sft
0185	Post, Mailbox	8070095	7.000	Ea
0190	Post, Steel, 3 pound	8100371	26.000	Ft
0195	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0200	Sign, Type III, Rem	8100403	2.000	Ea
0205	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	790.000	Ft
0210	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	12.000	Ea
0215	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	72.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	180.000	Ft
0225	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,500.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,750.000	Ft
0235	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,500.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,750.000	Ft
0245	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0250	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0255	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	12.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0270	Pedestrian Type II Barricade, Temp	8120026	11.000	Ea
0275	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0285	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	419.000	Sft
0295	Sign, Type B, Temp, Prismatic, Oper	8120351	419.000	Sft
0300	Slope Restoration, Non-Freeway, Type A	8162001	600.000	Syd
0305	Traf Loop	8200170	2.000	Ea
0310	Monument Preservation	8210010	1.000	Ea
0315	Gate Box, Adj, Temp, Case 1	8230391	11.000	Ea
0320	Gate Box, Adj, Case 1	8230431	13.000	Ea
0325	Sanitary Sewer, PVC, 8 inch, Tr Det B2	8252037	840.000	Ft
0330	Sanitary Structure, 48 inch dia	8252072	3.000	Ea
0335	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	12.000	Ft
0340	Sanitary Structure, Rem	8252105	4.000	Ea
0345	Sanitary Sewer, Serv Lead, PVC, 6 inch	8252122	380.000	Ft
0350	_ Filling Abandoned Sewer, 8 inch	8257001	840.000	Ft

0355	_ Sanitary Sewer Transition Coupling, 8 inch	8257050	3.000	Ea
0360	_ Sanitary Structure Cover, Logo	8257050	4.000	Ea
0365	_ Sanitary Structure, 48 inch dia Drop	8257050	1.000	Ea
0370	_ Sanitary Structure, Chimney Seal	8257050	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 040**Letting Date:** November 3, 2023**Contract ID:** 63000-214217

Description: 1.24 mi of hot mix asphalt reconstruction, shared-use path, shoulders, concrete sidewalk, sanitary sewer, curve and intersection signing, guardrail and pavement markings on Golf Drive from Old Telegraph Road to Bagley Road and Bagley Road from Golf Drive to Orchard Lake Road in the city of Pontiac, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214217A	23A0935	N/A	VRU 63000
215971A	23A0947	N/A	VRU 63000
219141A	23A1000	N/A	EAR 63000
219142A	23A0943	N/A	EAR 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	19,750.000	Dlr
0010	Mobilization, Max \$945,500.00	1100001	1.000	LSUM
0015	Tree, Rem, 19 inch to 36 inch	2020002	6.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	4.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0030	_ Tree Trimming, Spec	2027050	10.000	Ea
0035	Dr Structure, Rem	2030011	3.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	553.000	Ft
0045	Curb and Gutter, Rem	2040020	7,711.000	Ft
0050	Guardrail, Rem	2040035	778.000	Ft
0055	Pavt, Rem	2040050	8,436.000	Syd
0060	Sidewalk, Rem	2040055	1,247.000	Syd
0065	Exploratory Investigation, Vertical	2040080	800.000	Ft
0070	Embankment, CIP	2050010	3,424.000	Cyd
0075	Excavation, Earth	2050016	8,831.000	Cyd
0080	Flowable Fill, Non-Structural	2050148	3.000	Cyd
0085	_ Subgrade Undercutting, 1 x 3, Spec	2057021	1,080.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	94.000	Ea
0095	Erosion Control, Silt Fence	2080036	3,811.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0105	Aggregate Base	3020001	100.000	Ton
0110	Aggregate Base, 4 inch	3020010	5,165.000	Syd
0115	Aggregate Base, 8 inch	3020020	35,194.000	Syd
0120	Maintenance Gravel	3060020	1,000.000	Ton

0125	Shld, CI I, 5 inch	3070107	1,514.000	Syd
0130	_ Geogrid, Modified	3087011	6,480.000	Syd
0135	Sewer, CI IV, 12 inch, Tr Det B	4020987	979.000	Ft
0140	Sewer Tap, 12 inch	4021204	3.000	Ea
0145	Sewer Bulkhead, 27 inch	4021235	2.000	Ea
0150	Video Taping Sewer and Culv Pipe	4021275	979.000	Ft
0155	_ Video Taping San Sewer Pipe, Modified	4027001	3,465.000	Ft
0160	_ Sanitary Trench Undercut and Backfill, Modified	4027021	1,100.000	Cyd
0165	Dr Structure Cover, Adj, Case 1	4030005	55.000	Ea
0170	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0175	Dr Structure Cover, Type B	4030010	31.000	Ea
0180	Dr Structure Cover, Type D	4030025	6.000	Ea
0185	Dr Structure Cover, Type G	4030040	5.000	Ea
0190	Dr Structure Cover, Type J	4030045	6.000	Ea
0195	Dr Structure Cover, Type K	4030050	31.000	Ea
0200	Dr Structure Lead, Cleaning, 12 inch	4030112	120.000	Ft
0205	Dr Structure, 24 inch dia	4030200	3.000	Ea
0210	Dr Structure, 48 inch dia	4030210	6.000	Ea
0215	Dr Structure, Adj, Add Depth	4030280	400.000	Ft
0220	Dr Structure, Cleaning	4030290	12.000	Ea
0225	Dr Structure, Tap, 6 inch	4030306	72.000	Ea
0230	Dr Structure, Tap, 12 inch	4030312	82.000	Ea
0235	Dr Structure, Tap, 15 inch	4030315	12.000	Ea
0240	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0245	Dr Structure, Tap, 24 inch	4030324	7.000	Ea
0250	Dr Structure, Tap, 30 inch	4030330	4.000	Ea
0255	Dr Structure, Tap, 42 inch	4030342	8.000	Ea
0260	_ DPW Structure Cover, Adj, Case 1, Spec	4037050	46.000	Ea
0265	_ DPW Structure Cover, Adj, Case 2, Spec	4037050	5.000	Ea
0270	_ Sanitary Structure Cover, Spec	4037050	43.000	Ea
0275	_ Water Structure Cover, Spec	4037050	3.000	Ea
0280	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	14,235.000	Ft
0285	Cold Milling HMA Surface	5010002	8,330.000	Syd
0290	HMA Surface, Rem	5010005	21,717.000	Syd
0295	Edge Trimming	5010009	3,042.000	Ft
0300	Hand Patching	5010025	200.000	Ton
0305	HMA Approach	5010061	397.000	Ton
0310	HMA, 3EML	5012013	4,013.000	Ton
0315	HMA, 4EML	5012025	3,105.000	Ton
0320	HMA, 5EML	5012037	7,155.000	Ton
0325	Conc Base Cse, Nonreinf, 6 inch	6020015	505.000	Syd
0330	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	397.000	Syd
0335	Cold Milling Conc Pavt	6030014	10,522.000	Syd
0340	_ Temp Earth Restraint Systems, Modified	7047051	1.000	LSUM
0345	_ Vibration Monitoring, Modified	7047051	1.000	LSUM

0350	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0355	_ Dewatering System, Sanitary Sewer Trench, Modified	7057001	1,020.000	Ft
0360	_ Pile, Steel Pipe, Furn and Driven, 10 inch, Modified	7057001	8,600.000	Ft
0365	_ Test Pile, Dynamic Analysis	7057050	3.000	Ea
0370	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	3.000	Ea
0375	_ Bollard Relocate	8007050	4.000	Ea
0380	Driveway, Nonreinf Conc, 6 inch	8010005	229.000	Syd
0385	Driveway, Nonreinf Conc, 8 inch	8010007	468.000	Syd
0390	Curb and Gutter, Conc, Det F4	8020038	7,302.000	Ft
0395	Driveway Opening, Conc, Det M	8020050	595.000	Ft
0400	Shld Gutter, Conc, Det 2	8020056	4.000	Ea
0405	Spillway, Conc	8020075	32.000	Ft
0410	_ Curb and Gutter, Conc, Det B1, Modified	8027001	3,603.000	Ft
0415	_ Curb and Gutter, Conc, Det F3, Modified	8027001	3,830.000	Ft
0420	Detectable Warning Surface	8030010	386.000	Ft
0425	Curb Ramp Opening, Conc	8030030	552.000	Ft
0430	Sidewalk, Conc, 4 inch	8030044	2,983.000	Sft
0435	Sidewalk, Conc, 8 inch	8030048	463.000	Sft
0440	Curb Ramp, Conc, 6 inch	8032002	6,674.000	Sft
0445	_ Sidewalk, HMA	8067031	821.000	Ton
0450	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0455	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0460	Guardrail Reflector	8070080	7.000	Ea
0465	Post, Mailbox	8070095	4.000	Ea
0470	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	113.000	Ft
0475	Guardrail, Type MGS-8, 108 inch Post	8072180	63.000	Ft
0480	Fence, Protective	8080007	1,500.000	Ft
0485	Post, Steel, 3 pound	8100371	1,781.000	Ft
0490	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0495	Sign, Type III, Rem	8100403	149.000	Ea
0500	Sign, Type IIIA	8100404	340.000	Sft
0505	Sign, Type IIIB	8100405	446.000	Sft
0510	Sign, Type VB	8100425	32.000	Sft
0515	Reflective Panel for Permanent Sign Support, 3 foot	8100613	21.000	Ea
0520	Reflective Panel for Permanent Sign Support, 6 foot	8100616	51.000	Ea
0525	Sign, Type III, Rem, Salv	8102003	9.000	Ea
0530	Ground Mtd Sign Support, Rem	8102010	92.000	Ea
0535	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	346.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	810.000	Ft
0545	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	228.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	25.000	Ea
0555	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0565	Pavt Mrkg, Ovly Cold Plastic, Sharrow Sym	8110079	17.000	Ea

0570	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	23,610.000	Ft
0575	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	8,165.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	25.000	Ea
0585	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0595	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0600	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0605	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0610	Minor Traf Devices	8120170	1.000	LSUM
0615	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,500.000	Ft
0620	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	20.000	Ft
0625	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,500.000	Ft
0630	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0635	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0640	Sign Cover	8120310	10.000	Ea
0645	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0655	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
0665	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	400.000	Sft
0670	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	400.000	Sft
0675	Traf Regulator Control	8120370	1.000	LSUM
0680	Pedestrian Path, Temp	8122250	100.000	Ft
0685	Pedestrian Ramp, Temp	8122251	10.000	Ea
0690	Riprap, Plain	8130010	24.000	Syd
0695	_ Turf Establishment, Spec	8167011	18,489.000	Syd
0700	Conduit, Rem	8182000	885.000	Ft
0705	Conduit, Directional Bore, 2, 3 inch	8182037	235.000	Ft
0710	Conduit, DB, 1, 1 1/4 inch	8182047	180.000	Ft
0715	Conduit, DB, 1, 3 inch	8182050	40.000	Ft
0720	Conduit, DB, 3, 3 inch	8182056	50.000	Ft
0725	Conduit, DB, 3, 4 inch	8182057	10.000	Ft
0730	Conduit, Schedule 40, 1 1/2 inch	8182132	1,025.000	Ft
0735	DB Cable, in Conduit, 600V, 1/C#6	8182187	3,410.000	Ft
0740	Cable, Rem	8182196	150.000	Ft
0745	DB Cable, in Conduit, Rem	8182197	1,535.000	Ft
0750	Cable Pole, TS and Sec, Disman	8182209	1.000	Ea
0755	Cable, Sec, 600V, 1, 3/C#6	8182238	50.000	Ft
0760	Cable, Equipment Grounding Wire, 1/C#6	8182291	1,705.000	Ft
0765	Hh, Polymer Conc	8182309	11.000	Ea

0770	Hh, Adj	8182328	1.000	Ea
0775	Hh, Rem	8182330	10.000	Ea
0780	Wood Pole, Rem	8182363	7.000	Ea
0785	Serv Disconnect	8182366	1.000	Ea
0790	Wood Pole, Fit Up, Mult Ltg Cable Pole	8182377	1.000	Ea
0795	_ Hh, Round, 2 foot Dia, RCOC	8187050	3.000	Ea
0800	_ Hh, Round, 3 foot Dia, RCOC	8187050	1.000	Ea
0805	Light Std Arm, 6 foot	8190265	6.000	Ea
0810	Light Std Arm, Rem	8190277	3.000	Ea
0815	Light Std Arm, Rem and Salv	8190278	3.000	Ea
0820	Light Std Fdn	8190279	6.000	Ea
0825	Light Std Fdn, Rem	8190280	1.000	Ea
0830	Light Std Shaft, 30 foot or less	8190285	6.000	Ea
0835	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
0840	Luminaire	8190330	6.000	Ea
0845	Luminaire, Rem	8190360	4.000	Ea
0850	Luminaire, Rem and Salv	8190365	2.000	Ea
0855	Controller and Cabinet, Rem	8200030	1.000	Ea
0860	Controller Fdn, Base Mtd	8200045	1.000	Ea
0865	Controller Fdn, Rem	8200046	1.000	Ea
0870	Global Positioning System Module	8200050	1.000	Ea
0875	Pedestal, Fdn	8200105	2.000	Ea
0880	Pushbutton and Sign	8200121	6.000	Ea
0885	Span Wire, Rem	8200141	1.000	Ea
0890	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
0895	TS, One Way Mast Arm Mtd, RTGA (LED)	8200301	3.000	Ea
0900	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0905	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0910	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0915	Bracket, Truss, with 12 foot Arm	8200376	1.000	Ea
0920	Hemispherical Video Detection Camera	8200444	2.000	Ea
0925	Hemispherical Video Detection System	8200445	1.000	Ea
0930	Casing	8200480	38.000	Ft
0935	Mast Arm Pole, Cat III	8202012	3.000	Ea
0940	Mast Arm, 25 foot, Cat I	8202014	1.000	Ea
0945	Mast Arm, 30 foot, Cat I	8202015	1.000	Ea
0950	Mast Arm, 35 foot, Cat I	8202016	1.000	Ea
0955	Mast Arm, 45 foot, Cat I	8202018	1.000	Ea
0960	Mast Arm Pole Fdn, 6 Bolt	8202034	48.000	Ft
0965	_ Backplate, TS, RCOC	8207050	8.000	Ea
0970	_ Cabinet, ITS Type, Delivered, RCOC	8207050	1.000	Ea
0975	_ Cabinet, ITS Type, RCOC	8207050	1.000	Ea
0980	_ Controller, Digital Type, Delivered, SCATS, RCOC	8207050	1.000	Ea

0985	_ Pedestal, Alum, RCOC	8207050	2.000	Ea
0990	_ Pushbutton Support Post, RCOC	8207050	4.000	Ea
0995	_ Street Name Sign, Illuminated, Bracket Arm, RCOC	8207050	1.000	Ea
1000	_ Street Name Sign, Illuminated, Two Way, 6 foot, RCOC	8207050	3.000	Ea
1005	Monument Preservation	8210010	2.000	Ea
1010	Gate Well, Abandon	8230075	5.000	Ea
1015	Hydrant, Relocate, Case 2	8230096	2.000	Ea
1020	_ Sprinkler Relocate	8237050	100.000	Ea
1025	Sanitary Structure, 48 inch dia	8252072	4.000	Ea
1030	Sanitary Structure, 60 inch dia	8252073	1.000	Ea
1035	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	24.000	Ft
1040	Sanitary Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	8252081	5.000	Ft
1045	Sanitary Structure, Add Depth of 48 inch dia, more than 15 foot	8252089	2.000	Ft
1050	Sanitary Structure, Rem	8252105	4.000	Ea
1055	_ San Sewer Rehab, CIPP Lining, 20 inch, Modified	8257001	887.000	Ft
1060	_ San Sewer Rehab, CIPP Lining, 22 inch, Modified	8257001	929.000	Ft
1065	_ San Sewer Rehab, CIPP Lining, 24 inch, Modified	8257001	464.000	Ft
1070	_ San Sewer Rehab, Pre-Lining Preparation Cleaning, 20 inch, Modified	8257001	887.000	Ft
1075	_ San Sewer Rehab, Pre-Lining Preparation Cleaning, 22 inch, Modified	8257001	929.000	Ft
1080	_ San Sewer Rehab, Pre-Lining Preparation Cleaning, 24 inch, Modified	8257001	464.000	Ft
1085	_ San Structure, Rehab, MH Spray Lining, Modified	8257001	251.000	Ft
1090	_ Sanitary Sewer, DI, 24 inch, Pile Supported, Modified	8257001	822.000	Ft
1095	_ Sanitary Sewer, RCP CL IV, 15 inch, Tr Det B2, Modified	8257001	14.000	Ft
1100	_ Sanitary Sewer, RCP, CL IV, 21 inch, Tr Det B2, Modified	8257001	80.000	Ft
1105	_ Sanitary Sewer, RCP, CL IV, 24 inch, Tr Det B2, Modified	8257001	111.000	Ft
1110	_ Sanitary Sewer, Serv Lead, PVC SDR23.5, 6 inch, Modified	8257001	30.000	Ft
1115	_ San Sewer Rehab, Heavy Cleaning per Crew Hour, Modified	8257050	44.000	Ea
1120	_ San Sewer Rehab, Joint Grouting Set-up, Modified	8257050	7.000	Ea
1125	_ San Sewer Rehab, Joint Grouting, Modified	8257050	50.000	Ea
1130	_ San Sewer Rehab, Mechanical Mineral Deposit Removal, Modified	8257050	7.000	Ea
1135	_ San Sewer Rehab, Mechanical Protruding Service Lead Removal, Modified	8257050	2.000	Ea
1140	_ San Sewer Rehab, Mechanical Root Removal, Modified	8257050	16.000	Ea
1145	_ Sanitary Sewer, Conc Collar Connection, Modified	8257050	6.000	Ea
1150	_ Sanitary Sewer, Serv Lead, Connection, 6 inch, Modified	8257050	2.000	Ea
1155	_ Sanitary Structure Cover, Type Q, Modified	8257050	6.000	Ea

1160	_ Sanitary Structure, Conc Base, Pile Supported, Modified	8257050	4.000	Ea
1165	_ Storm Drain Structure, Rem, Modified	8257050	1.000	Ea
1170	_ San Sewer Bypass Pumping, Daily Operation, Modified	8257051	1.000	LSUM
1175	_ San Sewer Bypass Pumping, Set-up and Breakdown, Modified	8257051	1.000	LSUM
1180	_ San Structure, Spec Pumping MH over Ex Sewer, Modified	8257051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 231103 041**Letting Date:** November 3, 2023**Contract ID:** 86000-M00239

Description: 3.53 mi of bridge rehabilitation including hot mix asphalt overlay resurfacing, concrete deck patching and expansion and relief joint rehabilitation beginning at Pier 1 on the Mackinac Bridge to Pier 18 and continuing between Pier 21 on the Mackinac Bridge to Pier 48 in the village of Mackinaw City and city of St. Ignace, Emmet and Mackinac Counties. This project includes a 3 year materials and workmanship pavement warranty and a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
M00239	N/A	N/A	M 86000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	320.000	Dlr
0010	Mobilization, Max \$725,200.00	1100001	1.000	LSUM
0015	Cold Milling HMA Surface	5010002	57,464.000	Syd
0020	Bump Grinding	5010004	5,750.000	Syd
0025	HMA Surface, Rem	5010005	3,386.000	Syd
0030	HMA Quality Initiative	5010007	10,270.000	Dlr
0035	Longit Joint Density Quality Initiative	5010018	10,000.000	Dlr
0040	_ HMA, 5EMH, Modified	5017031	5,135.000	Ton
0045	_ Temp Pavt (5EMH, Modified)	5017031	1.000	Ton
0050	HMA Crack Treatment, Lane, Warranty	5020027	8.500	Lnmi
0055	Conc, Low Temperature Protection	7060020	16.000	Cyd
0060	Reinforcement, Steel, Epoxy Coated	7060092	2,430.000	Lb
0065	Water Repellent Treatment, Penetrating	7060140	2,076.000	Syd
0070	Sealing Localized Cracks (B01 of 86000)	7060220	1.000	LSUM
0075	Conc, Grade 4500HP	7062004	16.000	Cyd
0080	_ Conc, Relief Joint System	7067001	600.000	Ft
0085	_ HMA, Relief Joint System	7067001	552.000	Ft
0090	Shear Developers (B01 of 86000)	7070040	1.000	LSUM
0095	_ Structural Steel, Galvanized, Retrofit, Furn, Fab and Erect	7077030	8,500.000	Lb
0100	_ Structural Steel, Expansion Joint, Anchor Strap Repr	7077050	125.000	Ea
0105	_ Spray Applied Waterproofing Membrane	7107011	1,428.000	Syd
0110	Hand Chipping, Shallow	7120003	1,268.000	Syd
0115	Hand Chipping, Deep	7120004	320.000	Syd
0120	Hand Chipping, Other Than Deck	7120007	150.000	Cft
0125	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	120.000	Ea

0130	Structures, Rehabilitation, Rem Portions (B01 of 86000)	7120070	1.000	LSUM
0135	Deck Joint, Rem	7120071	55.000	Ft
0140	Reinforcement, Mechanical Splice	7120084	18.000	Ea
0145	Structural Crack, Repr	7120099	1,000.000	Ft
0150	Patching Conc, C-L	7120112	90.000	Cyd
0155	Patching Conc, C-L-HE	7120113	8.000	Cyd
0160	Embedded Galvanic Anode	7120120	60.000	Ea
0165	Hand Chipping, Full Depth	7122000	80.000	Cft
0170	_ Truss Span Relief Joint, Filler Replacement	7127001	4,251.000	Ft
0175	_ Elastomeric Conc	7127020	536.000	Cft
0180	_ Work Zone Protection Plates	7137051	1.000	LSUM
0185	_ Modular Bridge Joint System, 8 inch, Spec	7157001	55.000	Ft
0190	_ Steel Structure, Cleaning, Partial, Type 4 (B01 of 86000)	7157051	1.000	LSUM
0195	_ Steel Structure, Coating, Partial, Type 4 (B01 of 86000)	7157051	1.000	LSUM
0200	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	8,385.000	Ft
0205	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	33,510.000	Ft
0210	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	33,510.000	Ft
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Mobile Attenuator	8120180	2.000	Ea
0225	Pavt Mrkg Cover, Type R, Black	8120200	89,100.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	71,280.000	Ft
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	142,560.000	Ft
0240	_ Plastic Drum, Fluorescent, Spec	8127050	335.000	Ea
0245	_ Structural Steel, Expansion Joint, Armor Angle Repr	8507001	125.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 231103 042**Letting Date:** November 3, 2023**Contract ID:** 37014-212928

Description: Culvert removal and replacement, associated earthwork and hot mix asphalt paving on US-127 Northbound and the entrance ramps at Rosebush Road from south of East Baseline Road to north of Coleman Road, Isabella County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212928A	23A0998	N/A	NH 37014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$77,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0015	_ Pavt, Rem, Spec	2047011	486.000	Syd
0020	Excavation, Earth	2050016	857.000	Cyd
0025	Erosion Control, Silt Fence	2080036	520.000	Ft
0030	Subbase, CIP	3010002	1,033.000	Cyd
0035	Aggregate Base, 6 inch	3020016	913.000	Syd
0040	_ Shld, CI II, Modified	3077031	60.000	Ton
0045	Culv End Sect, 18 inch	4010018	22.000	Ea
0050	Culv End Sect, Footing	4010072	22.000	Ea
0055	Culv, CI A, 18 inch	4010133	976.000	Ft
0060	Dr Marker Post	4011109	31.000	Ea
0065	Video Taping Sewer and Culv Pipe	4021275	976.000	Ft
0070	Underdrain Outlet, 6 inch	4040093	900.000	Ft
0075	Underdrain, Outlet Ending, 6 inch	4040113	18.000	Ea
0080	Video Inspection of Underdrain	4040200	450.000	Ft
0085	_ Underdrain, Rem	4047001	360.000	Ft
0090	HMA Surface, Rem	5010005	867.000	Syd
0095	HMA Approach	5010061	385.000	Ton
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	330.000	Ft
0105	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	330.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	330.000	Ft
0115	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	330.000	Ft
0120	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea

0135	Conc Barrier Ending, Temp, Det 2, Adj	8120040	9.000	Ea
0140	Conc Barrier Ending, Temp, Det 2, Furn	8120041	3.000	Ea
0145	Conc Barrier Ending, Temp, Det 2, Oper	8120042	3.000	Ea
0150	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	6.000	Ea
0155	Conc Barrier, Temp, Adj	8120080	1,980.000	Ft
0160	Conc Barrier, Temp, Furn	8120081	720.000	Ft
0165	Conc Barrier, Temp, Oper	8120082	720.000	Ft
0170	Conc Barrier, Temp, Relocated	8120083	1,440.000	Ft
0175	Delineator, Flexible, Temp, Furn	8120091	236.000	Ea
0180	Delineator, Flexible, Temp, Oper	8120092	236.000	Ea
0185	High Intensity Light, Type B, Furn	8120110	6.000	Ea
0190	High Intensity Light, Type B, Oper	8120111	6.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Mobile Attenuator	8120180	1.000	Ea
0215	Pavt Mrkg Cover, Type R, Black	8120200	14,940.000	Ft
0220	Plastic Drum, Fluorescent, Furn	8120252	140.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	140.000	Ea
0230	Sign Cover	8120310	10.000	Ea
0235	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0245	Sign, Type B, Temp, Prismatic, Furn	8120350	1,344.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,344.000	Sft
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	17,640.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	17,640.000	Ft
0265	Slope Restoration, Freeway, Type B	8162014	1,815.000	Syd
0270	Freeway Shld Corrugations, Milled, HMA	8222001	1,140.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 231103 043**Letting Date:** November 3, 2023**Contract ID:** 13011-213288

Description: 9.89 mi of overband crack fill pretreatment, chip seal, single, warranty and fog seal on M-37 (Bedford Road) from Creekview Drive northerly to the Calhoun/Barry County line, M-66 (Capital Avenue) from the pavement change north of T Drive North (White Rabbit Road) north of the Wanadoga Creek bridge northerly to the Calhoun/Barry County line and on M-78 from M-66 easterly to the Barry/Eaton County line, Calhoun and Barry Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213288A	23A0930	N/A	ST 13011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$92,800.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	55.000	Ea
0015	Shld, CI II	3070121	700.000	Ton
0020	Hand Patching	5010025	1.000	Ton
0025	Overband Crack Fill, Lane	5020003	24.640	Lnmi
0030	Micro-Surface, Longit	5042005	3,175.000	Ft
0035	Seal, Fog	5050015	223,110.000	Syd
0040	Chip Seal, Single, Warranty	5050040	223,110.000	Syd
0045	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0055	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	92,210.000	Ft
0065	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	74,590.000	Ft
0070	Pavt Mrkg, Waterborne, 12 inch, White	8110237	520.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	92,210.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	74,590.000	Ft
0085	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	520.000	Ft
0090	Rem Spec Mrkg	8110343	260.000	Sft
0095	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0100	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Thru Guide Line, White	8110566	85.000	Ft
0105	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	590.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	590.000	Ea
0115	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0125	Minor Traf Devices	8120170	1.000	LSUM

0130	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	238.000	Ea
0135	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	4,236.000	Ea
0140	Sign Cover	8120310	10.000	Ea
0145	Sign, Portable, Changeable Message, NTCIP- Compliant, Furn	8120332	2.000	Ea
0150	Sign, Portable, Changeable Message, NTCIP- Compliant, Oper	8120333	2.000	Ea
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	1,147.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,147.000	Sft
0165	Traf Regulator Control	8120370	1.000	LSUM
0170	Protect Corners	8210020	5.000	Ea
0175	Centerline Corrugations, Milled, HMA	8220013	3,175.000	Ft
0180	Contractor Staking	8240001	1.000	LSUM
0185	Staking Plan Errors and Extras, Max \$180/hour	8240002	11.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 231103 044**Letting Date:** November 3, 2023**Contract ID:** 03023-128163

Description: 1.90 mi of hot mix asphalt resurfacing and intersection reconstruction of a roundabout, concrete curb and gutter, sidewalk, sewer, drainage, watermain, guardrail, signage, signals and pavement markings on M-89 from M-222 (Monroe Street) east to 29th Street in the city of Allegan, Allegan County. This project contains two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128163A	23A0976	N/A	NH 03023
214905A	23A0986	N/A	NH 03023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	712.000	Dlr
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0015	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$516,000.00	1100001	1.000	LSUM
0025	Clearing	2010001	0.500	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0035	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0045	Dr Structure, Abandon	2030010	1.000	Ea
0050	Dr Structure, Rem	2030011	25.000	Ea
0055	Sewer, Rem, Less than 24 inch	2030015	1,257.000	Ft
0060	Curb and Gutter, Rem	2040020	4,874.000	Ft
0065	Guardrail, Rem	2040035	2,378.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	80.000	Cyd
0075	Pavt, Rem	2040050	8,774.000	Syd
0080	Sidewalk, Rem	2040055	1,661.000	Syd
0085	Exploratory Investigation, Vertical	2040080	470.000	Ft
0090	Excavation, Earth	2050016	6,226.000	Cyd
0095	Non Haz Contaminated Material Handling and Disposal, LM	2050031	170.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0105	Flowable Fill, Non-Structural	2050148	14.000	Cyd
0110	_ Embankment, CIP, Spec	2057021	3,441.000	Cyd
0115	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	142.000	Ea
0125	Erosion Control, Inlet Protection, Sediment Trap	2080024	17.000	Ea

0130	Erosion Control, Maintenance, Sediment Rem	2080026	15.000	Cyd
0135	Erosion Control, Sand Bag	2080028	50.000	Ea
0140	Erosion Control, Silt Fence	2080036	4,500.000	Ft
0145	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	5,370.000	Cyd
0155	Aggregate Base, 6 inch	3020016	11,578.000	Syd
0160	Aggregate Base, 8 inch	3020020	290.000	Syd
0165	Open-Graded Dr Cse, CIP	3030030	48.000	Cyd
0170	Driveway Maintenance, Commercial	3062000	6.000	Ea
0175	Driveway Maintenance, Residential	3062001	9.000	Ea
0180	Shld, CI II, CIP	3070122	9.000	Cyd
0185	Geotextile, Stabilization	3080010	10.000	Syd
0190	Dr Marker Post	4011109	2.000	Ea
0195	Outfall Label	4011115	2.000	Ea
0200	Culv, Outlet Headwall, 12 inch	4012000	1.000	Ea
0205	Culv, Outlet Headwall, 24 inch	4012004	1.000	Ea
0210	_ Cured-In-Place Pipe Lining, 12 inch	4017001	55.000	Ft
0215	_ Cured-In-Place Pipe Lining, 18 inch	4017001	320.000	Ft
0220	Sewer, CI A, 8 inch, Tr Det B	4020031	87.000	Ft
0225	Sewer, CI A, 12 inch, Tr Det B	4020033	1,655.000	Ft
0230	Sewer, CI A, 15 inch, Tr Det B	4020034	194.000	Ft
0235	Sewer, CI A, 18 inch, Tr Det B	4020035	128.000	Ft
0240	Sewer, CI A, 24 inch, Tr Det B	4020036	239.000	Ft
0245	Sewer, CI E, 12 inch, Tr Det B	4020600	50.000	Ft
0250	Sewer Tap, 12 inch	4021204	3.000	Ea
0255	Trench Undercut and Backfill	4021260	70.000	Cyd
0260	Dewatering System, Trench	4021265	410.000	Ft
0265	Video Taping Sewer and Culv Pipe	4021275	2,379.000	Ft
0270	_ Clean and Televis 8 inch Sanitary Sewer	4027001	494.000	Ft
0275	_ Heavy Cleaning 8 inch Sanitary Sewer	4027001	75.000	Ft
0280	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0285	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0290	Dr Structure Cover, Type B	4030010	3.000	Ea
0295	Dr Structure Cover, Type D	4030025	1.000	Ea
0300	Dr Structure Cover, Type G	4030040	1.000	Ea
0305	Dr Structure Cover, Type J	4030045	1.000	Ea
0310	Dr Structure Cover, Type K	4030050	33.000	Ea
0315	Dr Structure Lead, Cleaning, 12 inch	4030112	400.000	Ft
0320	Dr Structure, 24 inch dia	4030200	1.000	Ea
0325	Dr Structure, 48 inch dia	4030210	37.000	Ea
0330	Dr Structure, 72 inch dia	4030230	1.000	Ea
0335	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	27.000	Ft
0340	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	5.000	Ft

0345	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0350	Dr Structure, Cleaning	4030290	15.000	Ea
0355	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0360	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0365	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0370	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
0375	Dr Structure, Temp Lowering	4030390	16.000	Ea
0380	_ Cured-in-Place Sanitary Mh Lining	4037001	58.000	Ft
0385	_ Sanitary Structure Cover, Adj, Case 1, Modified	4037050	6.000	Ea
0390	_ Stormwater Hydrodynamic Separator No. 1	4037050	1.000	Ea
0395	_ Stormwater Hydrodynamic Separator No. 2	4037050	1.000	Ea
0400	_ Utility Structure Cover, Adj, Case 1	4037050	2.000	Ea
0405	_ Utility Structure Cover, Adj, Case 2	4037050	2.000	Ea
0410	Underdrain, Bank, 6 inch	4040003	350.000	Ft
0415	Underdrain, Subbase, 6 inch	4040063	7,627.000	Ft
0420	Underdrain, Subgrade, 6 inch	4040073	600.000	Ft
0425	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0430	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
0435	Video Inspection of Underdrain	4040200	8,127.000	Ft
0440	Pavt, Cleaning	5010001	1.000	LSUM
0445	Cold Milling HMA Surface	5010002	45,820.000	Syd
0450	HMA Surface, Rem	5010005	13,228.000	Syd
0455	HMA Quality Initiative	5010007	23,901.000	Dlr
0460	Longit Joint Density Quality Initiative	5010018	32,150.000	Dlr
0465	Pavt Joint and Crack Repr, Det 7	5010020	3,200.000	Ft
0470	Pavt Joint and Crack Repr, Det 8	5010021	3,200.000	Ft
0475	Hand Patching	5010025	1,100.000	Ton
0480	HMA Approach	5010061	1,604.000	Ton
0485	HMA Approach, High Stress	5010520	1,251.000	Ton
0490	HMA, 3EMH	5012014	1,044.000	Ton
0495	HMA, 4EMH	5012026	4,180.000	Ton
0500	HMA, 5EMH	5012038	3,230.000	Ton
0505	HMA, 4EMH, High Stress	5012074	1,011.000	Ton
0510	HMA, 5EMH, High Stress	5012086	784.000	Ton
0515	Conc Base Cse, Nonreinf, 9 inch	6020021	548.000	Syd
0520	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	340.000	Syd
0525	Joint, Contraction, Cp	6020200	210.000	Ft
0530	Joint, Expansion, E2	6020207	81.000	Ft
0535	Joint, Expansion, E3	6020208	86.000	Ft
0540	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	206.000	Syd
0545	Cement	6030005	55.000	Ton
0550	Cold Milling Conc Pavt	6030014	1,000.000	Syd
0555	Joint, Contraction, Crg	6030020	1,013.000	Ft
0560	Lane Tie, Epoxy Anchored	6030030	1,296.000	Ea
0565	Joint Waterproofing	7100001	160.000	Sft

0570	_ Utility Support	8007050	2.000	Ea
0575	Driveway, Nonreinf Conc, 6 inch	8010005	302.000	Syd
0580	Curb, Conc, Det E1	8020001	235.000	Ft
0585	Curb and Gutter, Conc, Det F3	8020037	60.000	Ft
0590	Curb and Gutter, Conc, Det F4	8020038	6,042.000	Ft
0595	Driveway Opening, Conc, Det M	8020050	81.000	Ft
0600	_ Curb and Gutter, Conc, Det B2, Modified	8027001	281.000	Ft
0605	_ Curb and Gutter, Conc, Det D2, Modified	8027001	320.000	Ft
0610	_ Curb and Gutter, Conc, Det F4, Modified	8027001	640.000	Ft
0615	Curb Ramp Opening, Conc	8030030	594.000	Ft
0620	Sidewalk, Conc, 4 inch	8030044	12,638.000	Sft
0625	Sidewalk, Conc, 6 inch	8030046	1,300.000	Sft
0630	Curb Ramp, Conc, 6 inch	8032002	5,370.000	Sft
0635	_ Detectable Warning Surface, Metal	8037001	470.000	Ft
0640	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0645	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0650	Post, Mailbox	8070095	20.000	Ea
0655	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0660	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	238.000	Ft
0665	Guardrail, Type MGS-8, 72 inch Post	8072179	400.000	Ft
0670	Guardrail, Type MGS-8, 108 inch Post	8072180	1,865.000	Ft
0675	_ Hand Digging Guardrail Post	8077050	15.000	Ea
0680	Fence, Protective	8080007	350.000	Ft
0685	Fdn, Wood Support, Rem	8100280	11.000	Ea
0690	Perforated Steel Square Tube Breakaway System	8100330	11.000	Ea
0695	Delineator, Rem	8100349	4.000	Ea
0700	Post, Steel, 3 pound	8100371	1,084.000	Ft
0705	Post, Wood, 4 inch by 6 inch	8100380	16.000	Ft
0710	Post, Wood, 6 inch by 8 inch	8100382	51.000	Ft
0715	Sign, Type IA	8100392	65.000	Sft
0720	Sign, Type II, Rem	8100397	2.000	Ea
0725	Sign, Type IIA	8100398	22.000	Sft
0730	Sign, Type IIB	8100399	40.000	Sft
0735	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0740	Sign, Type III, Rem	8100403	84.000	Ea
0745	Sign, Type IIIA	8100404	62.000	Sft
0750	Sign, Type IIIB	8100405	486.000	Sft
0755	Reflective Panel for Permanent Sign Support, 3 foot	8100613	7.000	Ea
0760	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0765	Bracket, H	8100650	3.000	Ea
0770	Sign, Type III, Rem, Salv	8102003	4.000	Ea
0775	Ground Mtd Sign Support, Rem	8102010	63.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	924.000	Ft
0785	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	840.000	Ft
0790	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea

0795	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0805	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0810	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	102.000	Ft
0815	Pavt Mrkg, Polyurea, Yield	8110103	6.000	Ea
0820	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	396.000	Ft
0825	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	455.000	Ft
0830	Rem Spec Mrkg	8110343	100.000	Sft
0835	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	1.000	Ea
0840	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	5.000	Ea
0845	Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch, White	8110420	98.000	Ft
0850	Recessing Pavt Mrkg, Longit	8110450	34,200.000	Ft
0855	Recessing Pavt Mrkg, Transv	8110451	890.000	Sft
0860	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	8,906.000	Ft
0865	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	180.000	Ft
0870	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	27,129.000	Ft
0875	Pavt Mrkg, Polyurea, Rt, Thru and Lt Roundabout Arrow Sym	8112175	4.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	98.000	Ea
0885	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	98.000	Ea
0890	Pedestrian Type II Barricade, Temp	8120026	48.000	Ea
0895	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0900	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0905	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0910	Minor Traf Devices	8120170	1.000	LSUM
0915	Mobile Attenuator	8120180	4.000	Ea
0920	Pavt Mrkg Cover, Type R, Black	8120200	1,500.000	Ft
0925	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,400.000	Ft
0930	Plastic Drum, Fluorescent, Furn	8120252	322.000	Ea
0935	Plastic Drum, Fluorescent, Oper	8120253	322.000	Ea
0940	Sign Cover	8120310	24.000	Ea
0945	Sign, Portable, Changeable Message, Furn	8120330	12.000	Ea
0950	Sign, Portable, Changeable Message, Oper	8120331	12.000	Ea
0955	Sign, Type B, Temp, Prismatic, Furn	8120350	3,825.000	Sft
0960	Sign, Type B, Temp, Prismatic, Oper	8120351	3,825.000	Sft
0965	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	323.000	Sft
0970	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	323.000	Sft
0975	Traf Regulator Control	8120370	1.000	LSUM
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,700.000	Ft
0985	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,700.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	1,700.000	Ft

0995	Speed Radar Trailer, Temp	8122028	1.000	Ea
1000	Pedestrian Path, Temp	8122250	30.000	Ft
1005	Pedestrian Ramp, Temp	8122251	40.000	Ea
1010	Riprap, Plain	8130010	12.000	Syd
1015	Site Preparation, Max Site Preparation	8150001	1.000	LSUM
1020	Watering and Cultivating, First Season, Min First Season	8150002	1.000	LSUM
1025	Watering and Cultivating, 2nd Season, Min Second Season	8150003	1.000	LSUM
1030	Acer saccharum 'Green Mountain', 1 1/2 inch	8150184	5.000	Ea
1035	Acer x freemanii 'Autumn Blaze', 1 1/2 inch	8150220	5.000	Ea
1040	Juniperus sabina 'Broadmoor', #5 cont	8151990	38.000	Ea
1045	Malus 'Donald Wyman', 1 1/2 inch	8152301	5.000	Ea
1050	Picea omorika, 4 foot	8152786	5.000	Ea
1055	Platanus x acerifolia 'Bloodgood', 1 1/2 inch	8152883	5.000	Ea
1060	_ Cornus sericea 'Arctic Fire', #5 cont	8157050	38.000	Ea
1065	_ Slope Restoration, Non-Freeway, Type M	8167011	6,568.000	Syd
1070	_ Slope Restoration, Non-Freeway, Type N	8167011	3,700.000	Syd
1075	Conduit, Rem	8182000	15.000	Ft
1080	Cable Pole, TS and Sec, Dismant	8182209	2.000	Ea
1085	Hh, Rem	8182330	1.000	Ea
1090	Serv Disconnect, Rem	8182367	2.000	Ea
1095	Case Sign, Rem	8200020	1.000	Ea
1100	Controller and Cabinet, Rem	8200030	2.000	Ea
1105	Pedestal Fdn, Rem	8200106	1.000	Ea
1110	Pedestal, Rem	8200110	1.000	Ea
1115	Span Wire, Rem	8200141	5.000	Ea
1120	TS, 4th Level Arrow, Rem	8200176	2.000	Ea
1125	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
1130	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1135	TS, Span Wire Mtd, Rem	8200182	3.000	Ea
1140	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
1145	TS, 4th Level, RTGA (LED)	8200331	1.000	Ea
1150	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1155	Wireless Vehicle Sensor Node	8200425	12.000	Ea
1160	TS Face, Bag	8200458	8.000	Ea
1165	TS Face, Bag, Rem	8200459	8.000	Ea
1170	Backplate, TS	8200501	2.000	Ea
1175	Backplate, TS, Rem	8200502	2.000	Ea
1180	Monument Box	8210001	2.000	Ea
1185	Monument Box Adj	8210005	6.000	Ea
1190	Monument Preservation	8210010	8.000	Ea
1195	Protect Corners	8210020	40.000	Ea
1200	Gate Box, Adj, Temp, Case 1	8230391	24.000	Ea
1205	Gate Box, Adj, Temp, Case 2	8230392	2.000	Ea

1210	_ Water Main, DI, 4 inch, Tr Det G, Installation	8237001	22.000	Ft
1215	_ Water Main, DI, 4 inch, Tr Det H, Installation	8237001	10.000	Ft
1220	_ Water Main, DI, 6 inch, Tr Det G, Installation	8237001	39.000	Ft
1225	_ Water Main, DI, 8 inch, Tr Det G, Installation	8237001	934.000	Ft
1230	_ Insulation Board, 2 inch	8237010	64.000	Sft
1235	_ Fire Hydrant, Installation	8237050	1.000	Ea
1240	_ Gate Valve and Box, 4 inch, Installation	8237050	1.000	Ea
1245	_ Gate Valve and Box, 6 inch, Installation	8237050	1.000	Ea
1250	_ Gate Valve and Box, 8 inch, Installation	8237050	3.000	Ea
1255	_ Water Main, 6 inch, Cut and Plug, Installation	8237050	1.000	Ea
1260	_ Water Main, Conflict, Horizontal, 8 inch, Installation	8237050	5.000	Ea
1265	_ Water Main, Conflict, Vertical, 8 inch, Installation	8237050	10.000	Ea
1270	_ Water Serv, Long, Installation	8237050	6.000	Ea
1275	Contractor Staking	8240001	1.000	LSUM
1280	Staking Plan Errors and Extras, Max \$180/hour	8240002	81.000	Hr
1285	Sanitary Structure, Rem	8252105	2.000	Ea
1290	Sanitary Structure, Adj, Add Depth	8252140	5.000	Ft
1295	Sanitary Structure Cover, Adj, Case 1	8252145	12.000	Ea
1300	Sanitary Structure Cover, Adj, Case 2	8252146	2.000	Ea
1305	_ Cured In-Place Pipe Sanitary Sewer Lining, 8 inch	8257001	494.000	Ft
1310	_ Sanitary Serv, Conflict	8257050	10.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 045**Letting Date:** November 3, 2023**Contract ID:** 30000-214036

Description: 38.15 mi of centerline rumble strips and recessed wet reflective pavement markings on Territorial Road from Cope Road to US-127, Bankers Road from Branch County line to the south city limits of Hillsdale and Moscow Road from Sterling Road to Masker Road, Hillsdale County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214036A	23A0878	N/A	HSIP 30000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$50,000.00	1100001	1.000	LSUM
0010	Recessing Pavt Mrkg, Longit	8110450	402,864.000	Ft
0015	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	402,864.000	Ft
0020	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	231,638.000	Ft
0025	Minor Traf Devices	8120170	1.000	LSUM
0030	Centerline Corrugations, Milled, HMA	8220013	258,500.000	Ft



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 046**Letting Date:** November 3, 2023**Contract ID:** 12000-214639

Description: 1.35 mi of hot mix asphalt cold milling and resurfacing, high friction surface treatment, signing and pavement markings on Marshall Road from Herricksville Road to 15 1/2 Mile Road, Branch and Calhoun Counties. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214639A	23A0996	N/A	HSIP 12000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$37,600.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	Approach, CI II, CIP	3070022	29.000	Cyd
0020	Shld, CI II	3070121	450.000	Ton
0025	Cold Milling HMA Surface	5010002	21,280.000	Syd
0030	Pavt for Butt Joints, Rem	5010008	268.000	Syd
0035	HMA Approach	5010061	133.000	Ton
0040	HMA, 5EML	5012037	2,250.000	Ton
0045	High Friction Surface Treatment	5060800	1,600.000	Syd
0050	Post, Steel, 3 pound	8100371	300.000	Ft
0055	Sign, Type III, Rem	8100403	47.000	Ea
0060	Sign, Type IIIA	8100404	220.000	Sft
0065	Sign, Type IIIB	8100405	179.000	Sft
0070	Sign, Type VB	8100425	28.000	Sft
0075	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,256.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,580.000	Ft
0085	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	13,256.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,580.000	Ft
0095	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0105	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0110	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0115	Minor Traf Devices	8120170	1.000	LSUM
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0125	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM
0135	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	6,300.000	Ft

0140	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	12,840.000	Ft
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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 047**Letting Date:** November 3, 2023**Contract ID:** 09000-218338

Description: 0.50 mi of hot mix asphalt pavement removal and resurfacing, joint repairs, concrete sidewalk and ramps, signing and pavement markings on Midland Street from Euclid Avenue (M-13) to Wenona Street in the city of Bay City, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218338A	23A0990	N/A	STUL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$57,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	617.000	Ft
0015	Pavt, Rem	2040050	50.000	Syd
0020	Sidewalk, Rem	2040055	692.000	Syd
0025	Excavation, Earth	2050016	50.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0035	Project Cleanup	2090001	1.000	LSUM
0040	Subbase, CIP	3010002	40.000	Cyd
0045	Maintenance Gravel	3060020	50.000	Ton
0050	Dr Structure Cover, Adj, Case 1	4030005	33.000	Ea
0055	Dr Structure Cover, Type B	4030010	16.000	Ea
0060	Dr Structure Cover, Type K	4030050	14.000	Ea
0065	Cold Milling HMA Surface	5010002	200.000	Syd
0070	HMA Surface, Rem	5010005	10,884.000	Syd
0075	Pavt Joint and Crack Repr, Det 7	5010020	500.000	Ft
0080	Pavt Joint and Crack Repr, Det 8	5010021	500.000	Ft
0085	Hand Patching	5010025	400.000	Ton
0090	HMA, 4EML	5012025	1,196.000	Ton
0095	Curb and Gutter, Conc, Det F4	8020038	150.000	Ft
0100	Curb Ramp Opening, Conc	8030030	617.000	Ft
0105	Sidewalk, Conc, 4 inch	8030044	333.000	Sft
0110	Curb Ramp, Conc, 6 inch	8032002	5,494.000	Sft
0115	_ Detectable Warning Surface, Metal	8037001	332.000	Ft
0120	Band, Sign	8100010	2.000	Ea
0125	Post, Steel, 3 pound	8100371	332.000	Ft
0130	Sign, Type III, Rem	8100403	3.000	Ea
0135	Sign, Type IIIB	8100405	118.000	Sft

0140	Ground Mtd Sign Support, Rem	8102010	3.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	93.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	20.000	Ea
0155	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	435.000	Ft
0165	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,858.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,963.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	435.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,858.000	Ft
0185	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,963.000	Ft
0190	Rem Spec Mrkg	8110343	48.000	Sft
0195	Recessing Pavt Mrkg, Longit	8110450	9,256.000	Ft
0200	Recessing Pavt Mrkg, Transv	8110451	788.000	Sft
0205	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	20.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0220	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0225	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	769.000	Ft
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	208.000	Ft
0240	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0245	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0250	Sign Cover	8120310	70.000	Ea
0255	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0265	Sign, Type B, Temp, Prismatic, Furn	8120350	786.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	786.000	Sft
0275	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	84.000	Sft
0280	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	84.000	Sft
0285	Traf Regulator Control	8120370	1.000	LSUM
0290	_ Turf Establishment, Performance	8167011	500.000	Syd



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 048**Letting Date:** November 3, 2023**Contract ID:** 38000-213879

Description: 2.59 mi of removing trees and stumps from the Clearzone, signing upgrades, and recessed pavement markings on N Dearing Road from W. Michigan Avenue to County Farm Road and Jefferson Road from S. Jackson Road/Waite Road to US-127, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213879A	23A0962	N/A	HRRR 38000

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	Clearing	2010001	1.000	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	94.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	24.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	233.000	Ea
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0035	Guardrail, Rem	2040035	255.000	Ft
0040	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0045	Guardrail Reflector	8070080	12.000	Ea
0050	Guardrail, Type MGS-8, 108 inch Post	8072180	213.000	Ft
0055	Post, Steel, 3 pound	8100371	974.000	Ft
0060	Post, Wood, 4 inch by 6 inch	8100380	256.000	Ft
0065	Sign, Type III, Rem	8100403	82.000	Ea
0070	Sign, Type IIIA	8100404	125.000	Sft
0075	Sign, Type IIIB	8100405	339.000	Sft
0080	Sign, Type V, Rem	8100421	7.000	Ea
0085	Sign, Type VB	8100425	114.000	Sft
0090	Reflective Panel for Permanent Sign Support, 6 foot	8100616	70.000	Ea
0095	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0100	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	289.000	Ft
0105	Pavt Mrkg, Waterborne, 4 inch, White	8110231	45,400.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	43,000.000	Ft
0115	Pavt Mrkg, Waterborne, 12 inch, White	8110237	660.000	Ft
0120	Rem Spec Mrkg	8110343	100.000	Sft
0125	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0130	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0135	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea

0140	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0145	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	2.000	Ea
0150	Recessing Pavt Mrkg, Longit	8110450	88,400.000	Ft
0155	Scarification, for Polyurea Spec Mrkg	8112159	924.000	Sft
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	220.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	220.000	Ea
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	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0190	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0195	Sign, Type B, Temp, Prismatic, Furn	8120350	734.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	734.000	Sft
0205	Traf Regulator Control	8120370	1.000	LSUM
0210	Slope Restoration, Non-Freeway, Type C	8162003	440.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 231103 049**Letting Date:** November 3, 2023**Contract ID:** 03000-206322**Description:** Traffic signal modernization and construction of additional left turn lane on Waverly Road at M-40 in the city of Holland, Allegan County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206322A	23A0848	N/A	STUL 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$33,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	196.000	Ft
0015	Pavt, Rem	2040050	2.000	Syd
0020	Sidewalk, Rem	2040055	20.000	Syd
0025	Excavation, Earth	2050016	150.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0040	Subbase, CIP	3010002	160.000	Cyd
0045	Aggregate Base, 6 inch	3020016	171.000	Syd
0050	Driveway Maintenance, Commercial	3062000	1.000	Ea
0055	HMA Surface, Rem	5010005	48.000	Syd
0060	Hand Patching	5010025	110.000	Ton
0065	Conc Base Cse, Nonreinf, 7 inch	6020017	14.000	Syd
0070	Curb and Gutter, Conc, Det B2	8020016	180.000	Ft
0075	Detectable Warning Surface	8030010	15.000	Ft
0080	Curb Ramp Opening, Conc	8030030	17.000	Ft
0085	Curb Ramp, Conc, 6 inch	8032002	217.000	Sft
0090	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0095	Sign, Type III, Rem	8100403	2.000	Ea
0100	Sign, Type VB	8100425	20.000	Sft
0105	Ground Mtd Sign Support, Rem	8102010	2.000	Ea
0110	Pavt Mrkg, Polyurea, 4 inch, White	8110091	461.000	Ft
0115	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,473.000	Ft
0120	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	320.000	Ft
0125	Pavt Mrkg, Polyurea, 6 inch, White	8110094	140.000	Ft
0130	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	72.000	Ft
0135	Pavt Mrkg, Polyurea, 12 inch, White	8110111	321.000	Ft

0140	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	133.000	Ft
0145	Rem Spec Mrkg	8110343	1,330.000	Sft
0150	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0155	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0160	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
0165	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	5.000	Ea
0170	Recessing Pavt Mrkg, Guide Line	8110453	140.000	Ft
0175	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0185	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,968.000	Ft
0190	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	242.000	Ft
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	120.000	Ft
0200	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0205	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	1.000	Ea
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
0220	Sign Cover	8120310	2.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	180.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	180.000	Sft
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	60.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow Sym	8122148	1.000	Ea
0245	Slope Restoration, Non-Freeway, Type A	8162001	100.000	Syd
0250	Conduit, Rem	8182000	80.000	Ft
0255	Conduit, DB, 1, 1 1/2 inch	8182048	61.000	Ft
0260	Conduit, DB, 3, 3 inch	8182056	38.000	Ft
0265	Conduit, DB, 4, 3 inch	8182059	8.000	Ft
0270	Conduit, DB, 1, 1 inch	8182060	20.000	Ft
0275	Cable, Sec, 600V, 1, 3/C#6	8182238	50.000	Ft
0280	Bracket Arm, Clamp On, 6 Foot, with 3 Foot Rise	8182300	2.000	Ea
0285	Bracket Arm, Clamp On, Rem	8182306	1.000	Ea
0290	Hh, Polymer Conc	8182309	2.000	Ea
0295	Hh, Round	8182310	3.000	Ea
0300	Hh, Round, 3 foot dia	8182319	1.000	Ea
0305	Hh, Rem	8182330	3.000	Ea
0310	Metered Serv, Rem	8182339	1.000	Ea
0315	Wood Pole, Rem	8182363	1.000	Ea
0320	Serv Disconnect, Rem	8182367	1.000	Ea
0325	Luminaire, Install Salv	8190350	1.000	Ea
0330	Luminaire, Rem and Salv	8190365	1.000	Ea
0335	Luminaire, 100W LED, Rectangular	8192012	1.000	Ea
0340	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	3.000	Ea
0345	Case Sign, Rem	8200020	1.000	Ea

0350	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0355	Controller and Cabinet, Salv	8200037	1.000	Ea
0360	Controller Fdn, Base Mtd	8200045	1.000	Ea
0365	Fdn, Rem	8200065	2.000	Ea
0370	TS, Managed Field Ethernet Switch, Rem	8200087	1.000	Ea
0375	TS, Managed Field Ethernet Switch, Salv	8200089	1.000	Ea
0380	Pedestal, Alum	8200100	1.000	Ea
0385	Pedestal, Fdn	8200105	1.000	Ea
0390	Pedestal Fdn, Rem	8200106	1.000	Ea
0395	Pedestal, Rem	8200110	1.000	Ea
0400	Pushbutton and Sign	8200121	2.000	Ea
0405	Pushbutton, Rem	8200122	2.000	Ea
0410	Span Wire	8200140	4.000	Ea
0415	Span Wire, Rem	8200141	1.000	Ea
0420	Span Wire Tether	8200142	4.000	Ea
0425	Steel Pole, Rem	8200145	2.000	Ea
0430	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0435	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0440	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0445	Cabinet, Rem	8200184	1.000	Ea
0450	TS, One Way Span Wire Mtd (LED)	8200313	10.000	Ea
0455	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
0460	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
0465	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0470	Bracket, Truss, with 18 foot Arm	8200378	1.000	Ea
0475	Hemispherical Video Detection Camera	8200444	1.000	Ea
0480	Hemispherical Video Detection System	8200445	1.000	Ea
0485	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
0490	Strain Pole Fdn, 6 Bolt	8200470	52.000	Ft
0495	Casing	8200480	38.000	Ft
0500	Cellular Modem, Salv	8200499	2.000	Ea
0505	Backplate, TS	8200501	11.000	Ea
0510	_ Cabinet, NEMA Type, Modified	8207050	1.000	Ea
0515	_ Controller, Install Salv, Modified	8207050	1.000	Ea
0520	_ Global Positioning System Module, Modified	8207050	1.000	Ea
0525	_ Global Positioning System Module, Rem, Modified	8207050	1.000	Ea
0530	_ Lightning Protection, Pole, Modified	8267050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 050**Letting Date:** November 3, 2023**Contract ID:** 28000-213866

Description: 0.34 mi of construction of a single lane roundabout including hot mix asphalt, concrete curb and gutter, drainage and pavement markings on Garfield Road at Potter Road (Hoch Road), Grand Traverse County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213866A	23A0866	N/A	HRRR 28000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$123,300.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.060	Acre
0015	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0025	Curb and Gutter, Rem	2040020	487.000	Ft
0030	Guardrail, Rem	2040035	795.000	Ft
0035	Embankment, CIP	2050010	4,229.000	Cyd
0040	Excavation, Earth	2050016	3,734.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0060	Erosion Control, Silt Fence	2080036	3,084.000	Ft
0065	Aggregate Base, 6 inch	3020016	71.000	Syd
0070	Aggregate Base, 8 inch	3020020	144.000	Syd
0075	Aggregate Base, 10 inch	3020026	10,709.000	Syd
0080	Maintenance Gravel	3060020	29.000	Ton
0085	_ Shoulder, 21AA, 6 1/2 inch	3077011	172.000	Syd
0090	Culv End Sect, 15 inch	4010015	2.000	Ea
0095	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0100	Culv End Sect, Footing	4010072	2.000	Ea
0105	Culv, CI F, 15 inch	4010608	67.000	Ft
0110	Sewer, CI E, 12 inch, Tr Det B	4020600	48.000	Ft
0115	Sewer, CI E, 15 inch, Tr Det B	4020601	372.000	Ft
0120	Dr Structure Cover, Type J	4030045	3.000	Ea
0125	Dr Structure, 24 inch dia	4030200	1.000	Ea
0130	Dr Structure, 48 inch dia	4030210	2.000	Ea
0135	Pavt, Cleaning	5010001	1.000	LSUM

0140	HMA Surface, Rem	5010005	6,931.000	Syd
0145	Hand Patching	5010025	50.000	Ton
0150	HMA, 3EML	5012013	1,230.000	Ton
0155	HMA, 4EML	5012025	820.000	Ton
0160	HMA, 5EML	5012037	616.000	Ton
0165	_ HMA Approach, Commercial	5017031	52.000	Ton
0170	_ HMA Approach, Residential	5017031	14.000	Ton
0175	Joint, Expansion, E3	6020208	75.000	Ft
0180	Joint, Plane-of-Weakness, W	6020211	200.000	Ft
0185	_ Conc Pavt, Misc, Decorative Colored Roundabout Accent, 6 inch	6027011	65.000	Syd
0190	_ Conc Pavt, Misc, Decorative Colored, 6 inch	6027011	1,010.000	Syd
0195	_ Conc Pavt, Misc, Decorative Colored, 8 inch	6027011	367.000	Syd
0200	Curb, Conc, Det E1	8020001	169.000	Ft
0205	Curb and Gutter, Conc, Det B2	8020016	1,528.000	Ft
0210	_ Curb and Gutter, Conc, Det D2, Modified	8027001	1,862.000	Ft
0215	_ Spillway, Conc, Modified	8027001	59.000	Ft
0220	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0225	Guardrail Reflector	8070080	8.000	Ea
0230	Post, Mailbox	8070095	2.000	Ea
0235	Guardrail, Type MGS-8, 72 inch Post	8072179	297.000	Ft
0240	Post, Steel, 3 pound	8100371	632.000	Ft
0245	Sign, Type IIA	8100398	19.000	Sft
0250	Sign, Type IIB	8100399	50.000	Sft
0255	Sign, Type III, Rem	8100403	22.000	Ea
0260	Sign, Type IIIA	8100404	32.000	Sft
0265	Sign, Type IIIB	8100405	127.000	Sft
0270	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0275	Reflective Panel for Permanent Sign Support, 6 foot	8100616	28.000	Ea
0280	Ground Mtd Sign Support, Rem	8102010	18.000	Ea
0285	_ Post Hole Thru Conc for Steel Post- 6 inch Diameter	8107050	16.000	Ea
0290	_ Post, Flexible, Delineator, Replaceable	8107050	20.000	Ea
0295	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,794.000	Ft
0300	Pavt Mrkg, Polyurea, 6 inch, White	8110094	3,040.000	Ft
0305	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	490.000	Ft
0310	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	53.000	Ft
0315	Recessing Pavt Mrkg, Longit	8110450	6,323.000	Ft
0320	Recessing Pavt Mrkg, Transv	8110451	106.000	Sft
0325	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea
0335	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0345	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0350	Sign Cover	8120310	8.000	Ea

0355	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0365	Sign, Type B, Temp, Prismatic, Furn	8120350	444.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	444.000	Sft
0375	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	320.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	320.000	Sft
0385	Traf Regulator Control	8120370	1.000	LSUM
0390	Riprap, Plain	8130010	69.000	Syd
0395	Watering and Cultivating, First Season, Min \$1,400.00	8150002	1.000	LSUM
0400	Watering and Cultivating, 2nd Season, Min \$1,800.00	8150003	1.000	LSUM
0405	Nepeta x faassenii 'Walkers Low', #1 cont.	8152496	47.000	Ea
0410	Rosa 'Nearly Wild', #3 cont.	8153255	74.000	Ea
0415	Sedum 'Autumn Joy', #1 cont.	8153421	139.000	Ea
0420	_ Calamagrostis x acutiflora 'Overdam', #1 cont.	8157050	28.000	Ea
0425	_ Pinus mugo var. pumilio, #5 cont.	8157050	8.000	Ea
0430	Slope Restoration, Non-Freeway, Type C	8162003	5,475.000	Syd
0435	_ Double Shredded Hardwood Bark Mulch, 4" depth	8167011	187.000	Syd
0440	_ Planting Mix	8167021	94.000	Cyd
0445	Conduit, Schedule 40, 1 1/2 inch	8182132	770.000	Ft
0450	Conduit, Schedule 40, 2 inch	8182133	20.000	Ft
0455	Conduit, Schedule 40, 3 inch	8182135	375.000	Ft
0460	DB Cable, in Conduit, 600V, 1/C#10	8182189	2,260.000	Ft
0465	Cable, Equipment Grounding Wire, 1/C#10	8182293	1,130.000	Ft
0470	Hh, Round, 3 foot dia	8182319	4.000	Ea
0475	Serv Disconnect, Rem	8182367	1.000	Ea
0480	_ DB Cable, in Conduit, 600V, 1/C#3	8187001	45.000	Ft
0485	_ Electrical Service Rack, Modified	8187050	1.000	Ea
0490	_ Luminaire, LED Street Light	8187050	11.000	Ea
0495	Light Std Fdn	8190279	11.000	Ea
0500	Case Sign, Rem	8200020	1.000	Ea
0505	Controller and Cabinet, Rem	8200030	1.000	Ea
0510	Flsh Beacon, Solar Power, Rem	8200072	10.000	Ea
0515	Span Wire, Rem	8200141	1.000	Ea
0520	TS, Span Wire Mtd, Rem	8200182	2.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 051**Letting Date:** November 3, 2023**Contract ID:** 41000-205691

Description: 3.16 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk, guardrail and pavement markings on Gezon Parkway from Byron Center Avenue easterly to Clyde Park Avenue and 54th Street from Clyde Park Avenue easterly to Division Avenue in the city of Wyoming, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205691A	23A0952	N/A	ST 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Grand Elk Railroad	1027060	20,000.000	Dlr
0010	Mobilization, Max \$385,000.00	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	7.000	Ea
0025	Dr Structure, Rem	2030011	18.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	112.000	Ft
0035	Curb and Gutter, Rem	2040020	10,157.000	Ft
0040	Guardrail, Rem	2040035	391.000	Ft
0045	Pavt, Rem	2040050	116.000	Syd
0050	Sidewalk, Rem	2040055	1,955.000	Syd
0055	Exploratory Investigation, Vertical	2040080	50.000	Ft
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0070	_ Machine Grading, Modified	2057002	27.000	Sta
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	138.000	Ea
0080	Erosion Control, Silt Fence	2080036	200.000	Ft
0085	Subbase, CIP	3010002	2,348.000	Cyd
0090	_ Aggregate Base, 4 inch, Modified	3027011	5,856.000	Syd
0095	_ Aggregate Base, 8 inch, Modified	3027011	1,262.000	Syd
0100	Sewer, CI E, 12 inch, Tr Det B	4020600	260.000	Ft
0105	Sewer Tap, 12 inch	4021204	14.000	Ea
0110	Dr Structure Cover, Adj, Case 1	4030005	157.000	Ea
0115	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0120	Dr Structure Cover, Type D	4030025	1.000	Ea
0125	Dr Structure Cover, Type K	4030050	30.000	Ea

0130	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0135	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0140	Dr Structure, Temp Lowering	4030390	117.000	Ea
0145	_ Dr Structure Cover, Modified	4037050	128.000	Ea
0150	_ Dr Structure, 48 inch dia, Modified	4037050	17.000	Ea
0155	Underdrain, Subbase, 6 inch	4040063	4,730.000	Ft
0160	Cold Milling HMA Surface	5010002	100,651.000	Syd
0165	HMA Surface, Rem	5010005	4,339.000	Syd
0170	Hand Patching	5010025	660.000	Ton
0175	HMA Approach	5010061	369.000	Ton
0180	HMA, 3EMH	5012014	1,665.000	Ton
0185	HMA, 5EMH	5012038	13,234.000	Ton
0190	_ Retaining Wall	7067010	1,450.000	Sft
0195	_ Bus Stop, Temp	8007050	3.000	Ea
0200	_ Driveway, Nonreinf Conc, 4 inch, Modified	8017011	181.000	Syd
0205	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	286.000	Syd
0210	Curb and Gutter, Conc, Det B2	8020016	70.000	Ft
0215	Curb and Gutter, Conc, Det F2	8020036	90.000	Ft
0220	_ Curb and Gutter, Conc, 18 inch, Modified	8027001	200.000	Ft
0225	_ Curb and Gutter, Conc, 24 inch, Modified	8027001	554.000	Ft
0230	_ Curb and Gutter, Conc, 30 inch, Modified	8027001	7,666.000	Ft
0235	_ Curb Ramp Opening, Conc, Modified	8027001	839.000	Ft
0240	_ Gutter, Conc, 48 inch, Modified	8027001	1,139.000	Ft
0245	_ Detectable Warning Surface, Modified	8037001	460.000	Ft
0250	_ Curb Ramp, Conc, Modified	8037010	9,226.000	Sft
0255	_ Sidewalk, Conc, 4 inch, Modified	8037010	8,755.000	Sft
0260	_ Sidewalk, Conc, 8 inch, Modified	8037010	1,298.000	Sft
0265	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0270	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0275	Guardrail, Curved, Type B-CRT	8072154	63.000	Ft
0280	Guardrail, Type MGS-8, 108 inch Post	8072180	650.000	Ft
0285	_ Hand Digging Guardrail Post	8077050	103.000	Ea
0290	_ Fence, Chain Link, 36 inch, Modified	8087001	270.000	Ft
0295	Post, Steel, 3 pound	8100371	169.000	Ft
0300	Sign, Type III, Erect, Salv	8100402	16.000	Ea
0305	Sign, Type III, Rem	8100403	18.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	198.000	Ft
0315	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0325	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,899.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	31,421.000	Ft
0335	Pavt Mrkg, Waterborne, 6 inch, White	8110233	400.000	Ft
0340	Rem Spec Mrkg	8110343	744.000	Sft
0345	_ Pavt Mrkg, Inlay Cold Plastic, 24 inch, Crosswalk	8117001	1,973.000	Ft
0350	_ Pavt Mrkg, Inlay Cold Plastic, 24 inch, Stop Bar	8117001	1,020.000	Ft

0355	_ Pavt Mrkg, Inlay Cold Plastic, 4 inch, Dotted Turning Guide Line, White	8117001	123.000	Ft
0360	_ Pavt Mrkg, Ovly Cold Plastic, 24 inch, Crosswalk	8117001	208.000	Ft
0365	_ Pavt Mrkg, Waterborne, 4 inch, Cross Hatching, White	8117001	126.000	Ft
0370	_ Pavt Mrkg, Inlay Cold Plastic, Lt Turn Arrow	8117050	43.000	Ea
0375	_ Pavt Mrkg, Inlay Cold Plastic, Railroad Sym	8117050	3.000	Ea
0380	_ Pavt Mrkg, Inlay Cold Plastic, Rt Turn Arrow	8117050	18.000	Ea
0385	_ Pavt Mrkg, Inlay Cold Plastic, Thru Arrow	8117050	1.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0395	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0400	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0405	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0415	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0425	Ltg for Night Work	8120160	1.000	LSUM
0430	Minor Traf Devices	8120170	1.000	LSUM
0435	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0440	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0445	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0455	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0465	Traf Regulator Control	8120370	1.000	LSUM
0470	Mulch Blanket	8160027	1,000.000	Syd
0475	_ Turf Restoration	8167011	12,080.000	Syd
0480	Conduit, DB, 1, 1 1/2 inch	8182048	66.000	Ft
0485	Conduit, DB, 3, 3 inch	8182056	25.000	Ft
0490	Conduit, DB, 4, 3 inch	8182059	15.000	Ft
0495	Hh, Round, 3 foot dia	8182319	1.000	Ea
0500	Hh, Adj	8182328	3.000	Ea
0505	Hh, Rem	8182330	2.000	Ea
0510	_ Cable, P.J., 600V, 1, 2/C#16, Shielded	8187001	650.000	Ft
0515	_ Cable, P.J., 600V, 1, 7/C#16	8187001	300.000	Ft
0520	Luminaire, Rem	8190360	1.000	Ea
0525	Luminaire, Salv	8190370	1.000	Ea
0530	Controller and Cabinet, Rem	8200030	1.000	Ea
0535	Controller and Cabinet, Salv	8200037	1.000	Ea
0540	Controller Fdn, Base Mtd	8200045	1.000	Ea
0545	Controller Fdn, Rem	8200046	1.000	Ea
0550	Fdn, Rem	8200065	1.000	Ea
0555	Pedestal, Alum	8200100	4.000	Ea
0560	Pedestal, Fdn	8200105	4.000	Ea

0565	Pushbutton and Sign	8200121	3.000	Ea
0570	Pushbutton, Rem	8200122	1.000	Ea
0575	Pushbutton and Sign, Salv	8200126	4.000	Ea
0580	TS, Mast Arm Mtd, Rem	8200177	4.000	Ea
0585	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
0590	TS, One Way Mast Arm Mtd, Salv	8200251	4.000	Ea
0595	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
0600	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0605	TS, Antenna, Salv	8200369	1.000	Ea
0610	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0615	Wireless Vehicle Detection System	8200422	2.000	Ea
0620	Wireless Vehicle Sensor Node	8200425	45.000	Ea
0625	Video Traf Detection Camera, Salv	8200442	1.000	Ea
0630	Casing	8200480	15.000	Ft
0635	Mast Arm, Rem	8202004	1.000	Ea
0640	Mast Arm Std, Rem	8202005	1.000	Ea
0645	_ Mast Arm Pole Fdn, 4 Bolt	8207001	13.000	Ft
0650	_ Mast Arm Pole, Salv	8207050	1.000	Ea
0655	_ Mast Arm, Salv	8207050	1.000	Ea
0660	_ St Name Sign, Two Way, Illuminated, Rem	8207050	1.000	Ea
0665	_ St Name Sign, Two Way, Illuminated, Salv	8207050	1.000	Ea
0670	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0675	Hydrant, Relocate, Case 2	8230096	4.000	Ea
0680	Gate Box, Adj, Temp, Case 1	8230391	10.000	Ea
0685	Gate Box, Reconst, Case 1	8230411	3.000	Ea
0690	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0695	Gate Box, Adj, Case 1	8230431	12.000	Ea
0700	Gate Box, Adj, Case 2	8230432	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 052**Letting Date:** November 3, 2023**Contract ID:** 38000-219215**Description:** 130.84 mi of application of center and edge line pavement markings and symbols on various routes, Jackson County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
219215A	23A0924	N/A	STL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$10,600.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	442.000	Ft
0015	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,381,670.000	Ft
0020	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,062,362.000	Ft
0025	Rem Spec Mrkg	8110343	986.000	Sft
0030	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0035	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0040	Pavt Mrkg, Polyurea, School	8110414	5.000	Ea
0045	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	3.000	Ea
0050	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	1.000	Ea
0055	Recessing Pavt Mrkg, Transv	8110451	1,099.000	Sft
0060	Scarification, for Polyurea Spec Mrkg	8112159	986.000	Sft
0065	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 053**Letting Date:** November 3, 2023**Contract ID:** 73000-214006

Description: 6.79 mi of hot mix asphalt cold milling and resurfacing, roundabout construction, drainage improvements, permanent signing and pavement markings on Dixie Highway at Curtis Road and Dixie Highway from Birch Run Road north to Junction Road, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214006A	23A0876	N/A	HRRR 73000
215492A	23A0860	N/A	STL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$647,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	5.000	Ea
0020	Dr Structure, Rem	2030011	2.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	199.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0035	Pavt, Rem	2040050	4,708.000	Syd
0040	Embankment, CIP	2050010	1,487.000	Cyd
0045	Excavation, Earth	2050016	7,461.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	700.000	Cyd
0055	Subgrade Undercutting, Type II	2050041	800.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0070	Erosion Control, Sediment Trap	2080034	1.000	Ea
0075	Erosion Control, Silt Fence	2080036	4,000.000	Ft
0080	Subbase, CIP	3010002	3,251.000	Cyd
0085	_ Aggregate Base, 10 inch, Modified	3027011	182.000	Syd
0090	_ Aggregate Base, 12 inch, Modified	3027011	5,642.000	Syd
0095	_ Aggregate Base, 8 inch, Modified	3027011	1,463.000	Syd
0100	_ Aggregate Base, 9 inch, Modified	3027011	1,301.000	Syd
0105	Maintenance Gravel	3060020	550.000	Ton
0110	_ Trenching, Modified	3077002	602.000	Sta
0115	_ Approach, CI I, 6 inch, Modified	3077011	586.000	Syd
0120	_ Approach, CI I, Modified	3077031	696.000	Ton
0125	_ Approach, CI II, Modified	3077031	750.000	Ton

0130	_ Shld, CI II, Modified	3077031	3,478.000	Ton
0135	Geotextile, Separator	3080005	500.000	Syd
0140	Culv End Sect, 12 inch	4010012	5.000	Ea
0145	Culv End Sect, 18 inch	4010018	3.000	Ea
0150	Culv End Sect, 24 inch	4010024	2.000	Ea
0155	Culv, CI F, 18 inch	4010609	60.000	Ft
0160	Sewer, CI A, 12 inch, Tr Det B	4020033	1,027.000	Ft
0165	Sewer, CI A, 18 inch, Tr Det B	4020035	8.000	Ft
0170	Sewer, CI A, 24 inch, Tr Det B	4020036	308.000	Ft
0175	Sewer, CI IV, 12 inch, Tr Det B	4020987	161.000	Ft
0180	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0185	Video Taping Sewer and Culv Pipe	4021275	1,403.000	Ft
0190	_ Sump Pump Lead and Drain Tile Connection	4027001	200.000	Ft
0195	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0205	Dr Structure Cover, Type B	4030010	2.000	Ea
0210	Dr Structure Cover, Type J	4030045	5.000	Ea
0215	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0220	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0225	_ Dr Structure Cover, Type DG	4037050	9.000	Ea
0230	_ Dr Structure, 36 inch dia, Modified	4037050	3.000	Ea
0235	_ Dr Structure, 48 inch dia, Modified	4037050	11.000	Ea
0240	_ Manhole Cover, Collar	4037050	7.000	Ea
0245	Underdrain, Subbase, 6 inch	4040063	2,027.000	Ft
0250	Underdrain, Subgrade, 6 inch	4040073	400.000	Ft
0255	Underdrain Outlet, 6 inch	4040093	184.000	Ft
0260	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0265	Cold Milling HMA Surface	5010002	171,471.000	Syd
0270	HMA Surface, Rem	5010005	8,914.000	Syd
0275	Pavt Joint and Crack Repr, Det 7	5010020	2,500.000	Ft
0280	Pavt Joint and Crack Repr, Det 8	5010021	2,500.000	Ft
0285	Hand Patching	5010025	764.000	Ton
0290	HMA Approach	5010061	1,595.000	Ton
0295	HMA, 4EML	5012025	22,957.000	Ton
0300	HMA, 5EML	5012037	17,218.000	Ton
0305	HMA, 3EML, High Stress	5012061	924.000	Ton
0310	HMA, 4EML, High Stress	5012073	782.000	Ton
0315	HMA, 5EML, High Stress	5012085	587.000	Ton
0320	_ Overband Crack Fill, HMA, Control Joint	5027001	2,765.000	Ft
0325	_ Saw Cut, HMA, Control Joint	5027001	2,765.000	Ft
0330	Joint, Expansion, E2	6020207	62.000	Ft
0335	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	549.000	Syd
0340	Curb, Conc, Det E1	8020001	160.000	Ft
0345	Curb and Gutter, Conc, Det B2	8020016	1,576.000	Ft
0350	Shld Gutter, Conc, Det 2	8020056	5.000	Ea

0355	Spillway, Conc	8020075	65.000	Ft
0360	_ Curb and Gutter, Conc, Det D2, Modified	8027001	1,031.000	Ft
0365	Post, Mailbox	8070095	90.000	Ea
0370	Post Hole Through Conc for Steel Post	8100340	24.000	Ea
0375	Post, Steel, 3 pound	8100371	978.000	Ft
0380	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0385	Post, Wood, 6 inch by 8 inch	8100382	112.000	Ft
0390	Sign, Type IIA	8100398	153.000	Sft
0395	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0400	Sign, Type III, Rem	8100403	18.000	Ea
0405	Sign, Type IIIA	8100404	36.000	Sft
0410	Sign, Type IIIB	8100405	315.000	Sft
0415	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0420	Ground Mtd Sign Support, Rem	8102010	25.000	Ea
0425	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	88.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	90.000	Ft
0435	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	4.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0445	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	14.000	Ea
0450	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,420.000	Ft
0455	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	93,636.000	Ft
0460	Pavt Mrkg, Waterborne, 6 inch, White	8110233	71,803.000	Ft
0465	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	264.000	Ft
0470	Pavt Mrkg, Waterborne, 12 inch, White	8110237	60.000	Ft
0475	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,420.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	93,636.000	Ft
0485	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	71,803.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	264.000	Ft
0495	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	60.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, Yield Triangle Sym	8112169	28.000	Ea
0505	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	65.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	65.000	Ea
0515	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	850.000	Ea
0520	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	850.000	Ea
0525	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0535	Minor Traf Devices	8120170	1.000	LSUM
0540	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,894.000	Ft
0545	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	411.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,736.000	Ft
0555	Plastic Drum, Fluorescent, Furn	8120252	332.000	Ea

0560	Plastic Drum, Fluorescent, Oper	8120253	332.000	Ea
0565	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	8,604.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	22,386.000	Ft
0575	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	22.000	Ft
0580	PTS, Temp, Furn	8120272	2.000	Ea
0585	PTS, Temp, Oper	8120273	2.000	Ea
0590	Sign Cover	8120310	179.000	Ea
0595	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0600	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0605	Sign, Type B, Temp, Prismatic, Furn	8120350	3,106.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	3,106.000	Sft
0615	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	540.000	Sft
0620	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	540.000	Sft
0625	Traf Regulator Control	8120370	1.000	LSUM
0630	Riprap, Plain	8130010	60.000	Syd
0635	_ Decorative Stone	8157011	2,016.000	Syd
0640	_ Slope Restoration, Modified	8167011	7,100.000	Syd
0645	Water Serv, Conflict	8230250	2.000	Ea
0650	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0655	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0660	Gate Box, Adj, Case 1	8230431	8.000	Ea
0665	Gate Box, Adj, Case 2	8230432	10.000	Ea
0670	_ Valve Box, Collar	8237050	6.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 231103 054**Letting Date:** November 3, 2023**Contract ID:** 11000-216092

Description: 0.48 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalks and ramps and pavement markings on Wayne Street from North 5th Street to 13th Street in the city of Niles, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216092A	23A0906	N/A	STU 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$55,000.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	340.000	Syd
0015	_ Curb and Gutter, Rem, Modified	2047001	840.000	Ft
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0025	Dr Structure Cover, Adj, Case 1, Modified	4030004	69.000	Ea
0030	Dr Structure Cover, Type B	4030010	15.000	Ea
0035	Dr Structure Cover, Type D	4030025	1.000	Ea
0040	Dr Structure Cover, Type K	4030050	26.000	Ea
0045	Dr Structure Cover, Type Q	4030065	27.000	Ea
0050	Dr Structure, Temp Lowering	4030390	42.000	Ea
0055	Hand Patching	5010025	20.000	Ton
0060	HMA, 5EL	5012036	1,430.000	Ton
0065	_ Cold Milling HMA Surface, Modified	5017011	10,930.000	Syd
0070	_ HMA Surface, Rem, Modified	5017011	770.000	Syd
0075	Conc Base Cse, Nonreinf, 6 inch	6020015	100.000	Syd
0080	_ Cracking and Seating Conc Pavt	6037011	5,950.000	Syd
0085	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0090	Curb and Gutter, Conc, Det C4	8020023	620.000	Ft
0095	Detectable Warning Surface	8030010	90.000	Ft
0100	Curb Ramp Opening, Conc	8030030	230.000	Ft
0105	Sidewalk, Conc, 4 inch	8030044	1,680.000	Sft
0110	Sidewalk, Conc, 6 inch	8030046	50.000	Sft
0115	Curb Ramp, Conc, 6 inch	8032002	1,040.000	Sft
0120	Post, Steel, 3 pound	8100371	100.000	Ft
0125	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0130	Sign, Type III, Rem	8100403	7.000	Ea
0135	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	420.000	Ft

0140	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	140.000	Ft
0145	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	125.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0155	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,500.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,900.000	Ft
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0175	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0185	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0200	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	150.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	150.000	Sft
0215	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0220	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	Slope Restoration, Non-Freeway, Type B	8162002	750.000	Syd
0235	Gate Box, Reconst, Case 1	8230411	3.000	Ea
0240	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0245	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0250	_ Gate Box, Adj, Temp, Case 1, Modified	8237050	25.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 055**Letting Date:** November 3, 2023**Contract ID:** 82000-215619**Description:** Traffic signal modernization on various routes at 11 locations in the city of Detroit, Wayne County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215619A	23A1025	N/A	SUG 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$277,100.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	496.000	Syd
0015	Exploratory Investigation, Vertical	2040080	50.000	Ft
0020	_ Integral Curb and Sidewalk, 2 Feet, Rem, Modified	2047001	8.000	Ft
0025	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0030	_ Detectable Warning Surface Tile, Modified	8027001	42.000	Ft
0035	Sidewalk, Conc, 4 inch	8030044	1,944.000	Sft
0040	Sidewalk, Conc, 6 inch	8030046	1,920.000	Sft
0045	_ Curb Ramp Opening, Conc, Modified	8037001	53.000	Ft
0050	_ Curb, Rem, Modified	8037001	53.000	Ft
0055	_ Integral Curb and Sidewalk, 2 feet, Modified	8037001	8.000	Ft
0060	_ Sidewalk Ramp, ADA, Modified	8037010	405.000	Sft
0065	Post, Steel, 3 pound	8100371	32.000	Ft
0070	Sign, Type III, Erect, Salv	8100402	29.000	Ea
0075	Sign, Type III, Rem	8100403	2.000	Ea
0080	Sign, Type III, Rem, Salv	8102003	27.000	Ea
0085	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	45.000	Ft
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0100	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0105	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0115	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0125	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft

0135	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0140	Cable, Sec, Rem	8182199	400.000	Ft
0145	Cable, Sec, 600V, 1, 3/C#6	8182238	1,000.000	Ft
0150	Hh, Type S	8182313	9.000	Ea
0155	Wood Pole, Rem	8182363	2.000	Ea
0160	Serv Disconnect	8182366	11.000	Ea
0165	_ Conduit, Encased, 1, 3 inch Modified	8187001	130.000	Ft
0170	_ Conduit, Encased, 2, 3 inch Modified	8187001	355.000	Ft
0175	_ Conduit, Encased, 2, 4 inch Modified	8187001	2,905.000	Ft
0180	_ Conduit, Encased, 3, 4 inch Modified	8187001	115.000	Ft
0185	_ Hh, Round, Detroit	8187050	40.000	Ea
0190	_ Street Name Sign Bracket Arm	8187050	3.000	Ea
0195	Case Sign, Rem	8200020	6.000	Ea
0200	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	17.000	Ea
0205	Controller and Cabinet, Rem	8200030	9.000	Ea
0210	Controller Fdn, Base Mtd	8200045	9.000	Ea
0215	Controller Fdn, Rem	8200046	8.000	Ea
0220	Fdn, Rem	8200065	23.000	Ea
0225	Pedestal Fdn, Rem	8200106	16.000	Ea
0230	Pedestal, Rem	8200110	16.000	Ea
0235	Pushbutton and Sign	8200121	28.000	Ea
0240	Pushbutton, Rem	8200122	30.000	Ea
0245	Span Wire	8200140	8.000	Ea
0250	Span Wire, Rem	8200141	15.000	Ea
0255	Steel Pole, Rem	8200145	14.000	Ea
0260	Strain Pole, Steel, Anchor Base, 30 foot	8200155	4.000	Ea
0265	Strain Pole, Steel, Anchor Fdn	8200165	4.000	Ea
0270	TS, Bracket Arm Mtd, Rem	8200175	16.000	Ea
0275	TS, Mast Arm Mtd, Rem	8200177	20.000	Ea
0280	TS, Pedestal Mtd, Rem	8200179	8.000	Ea
0285	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	43.000	Ea
0290	TS, Pedestrian, Pedestal Mtd, Rem	8200181	16.000	Ea
0295	TS, Span Wire Mtd, Rem	8200182	30.000	Ea
0300	Cabinet, Rem	8200184	1.000	Ea
0305	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	2.000	Ea
0310	TS, One Way Span Wire Mtd (LED)	8200313	16.000	Ea
0315	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
0320	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	1.000	Ea
0325	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	10.000	Ea
0330	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	25.000	Ea
0335	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
0340	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	16.000	Ea

0345	TS, One Way Mast Arm Mtd (LED)	8200359	68.000	Ea
0350	TS, Antenna, Rem	8200368	1.000	Ea
0355	Bracket, Truss, with 18 foot Arm	8200378	1.000	Ea
0360	Video Traf Detection System, Rem	8200383	5.000	Ea
0365	Video Traf Detection Camera, Rem	8200384	8.000	Ea
0370	Bracket, Truss, Rem	8200388	7.000	Ea
0375	Casing	8200480	100.000	Ft
0380	Mast Arm, Rem	8202004	6.000	Ea
0385	Mast Arm Std, Rem	8202005	9.000	Ea
0390	Mast Arm Pole, Cat II	8202011	26.000	Ea
0395	Mast Arm, 30 foot, Cat II	8202022	2.000	Ea
0400	Mast Arm, 35 foot, Cat II	8202023	11.000	Ea
0405	Mast Arm, 40 foot, Cat II	8202024	8.000	Ea
0410	Mast Arm, 45 foot, Cat II	8202025	6.000	Ea
0415	Mast Arm, 50 foot, Cat II	8202026	3.000	Ea
0420	Mast Arm, 50 foot, Cat III	8202033	1.000	Ea
0425	Mast Arm Pole Fdn, 6 Bolt	8202034	364.000	Ft
0430	_ Backplate, TS, Detroit	8207050	85.000	Ea
0435	_ Cellular Data Service for 3 Years	8207050	11.000	Ea
0440	_ Controller and Cabinet, Digital Type, ITS	8207050	11.000	Ea
0445	_ Mast Arm, 55 foot, Cat II	8207050	2.000	Ea
0450	_ Pedestal, Alum, Modified	8207050	22.000	Ea
0455	_ Pedestal, Fdn, Modified	8207050	22.000	Ea
0460	_ Steel Pole, Paint	8207050	1.000	Ea
0465	_ TS, One Way Pedestal Mtd, FYA (LED)	8207050	3.000	Ea
0470	_ Two Way Street Name Sign (LED), Illuminated, 8 foot	8207050	11.000	Ea
0475	_ Two Way Street Name Sign, Illuminated, Rem	8207050	17.000	Ea
0480	_ Two Way Street Name Sign, Illuminated, Salv	8207050	13.000	Ea
0485	_ Wireless Data Acquisition, Alerts and Analytics System	8207050	11.000	Ea
0490	_ Closed-Circuit Television Camera, Install Salv	8267050	2.000	Ea
0495	_ Closed-Circuit Television Camera, Rem and Salv	8267050	2.000	Ea
0500	_ Managed Field Ethernet Switch, Install Salv, Modified	8267050	7.000	Ea
0505	_ Managed Field Ethernet Switch, Rem and Salv, Modified	8267050	9.000	Ea
0510	_ Radio, Install Salv, Unlicensed	8267050	16.000	Ea
0515	_ Radio, Rem and Salv, Unlicensed	8267050	16.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 231103 056**Letting Date:** November 3, 2023**Contract ID:** 71000-218938

Description: 1.45 mi of hot mix asphalt base crushing, shaping and resurfacing, signing and pavement markings on E 638 Highway from the east Krakow Township line east to East Grand Lake Road, Presque Isle County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218938A	23A0942	N/A	STL 71000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$52,700.00	1100001	1.000	LSUM
0010	Embankment, LM	2050011	150.000	Cyd
0015	Excavation, Earth	2050016	100.000	Cyd
0020	Aggregate Base, Conditioning	3020050	493.000	Syd
0025	_ Aggregate Base, Modified	3027031	5,298.000	Ton
0030	_ HMA Base Crushing and Shaping, Spec	3057011	23,648.000	Syd
0035	HMA Surface, Rem	5010005	493.000	Syd
0040	HMA, 13A	5010033	3,350.000	Ton
0045	HMA Approach	5010061	267.000	Ton
0050	Post, Mailbox	8070095	4.000	Ea
0055	Post, Steel, 3 pound	8100371	540.000	Ft
0060	Sign, Type IIIB	8100405	25.000	Sft
0065	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0070	_ Sign, Type IIIA, Modified	8107010	138.000	Sft
0075	_ Sign, Type III, Rem, Modified	8107050	24.000	Ea
0080	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	15,202.000	Ft
0085	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	6,881.000	Ft
0090	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	6,881.000	Ft
0095	Recessing Pavt Mrkg, Longit	8110450	6,881.000	Ft
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	195.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	195.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM

0135	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	900.000	Ft
0140	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	900.000	Ft
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	936.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	936.000	Sft
0155	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 231103 213**Letting Date:** November 3, 2023**Contract ID:** 74062-202145

Description: 9.10 mi of hot mix asphalt reconstruction, cold milling and resurfacing, bridge replacement and pavement markings on M-46 from Maple Valley Street to the west village limits of Carsonville in the city of Sandusky, Sanilac County. This project includes two 5 year materials and workmanship pavement warranties and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202145A	23A0851	N/A	HIPB 74062
204321A	23A0852	N/A	NH 77031
218417A	23A0857	N/A	NH 74062

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$2,060,700.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0015	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0020	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0025	Culv, End, Rem, Over 48 inch	2030007	1.000	Ea
0030	Dr Structure, Rem	2030011	118.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	7,129.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	3,743.000	Ft
0045	Curb and Gutter, Rem	2040020	1,436.000	Ft
0050	Pavt, Rem	2040050	35,964.000	Syd
0055	Sidewalk, Rem	2040055	3,086.000	Syd
0060	Exploratory Investigation, Vertical	2040080	100.000	Ft
0065	Embankment, CIP	2050010	5,588.000	Cyd
0070	Excavation, Channel	2050015	68.000	Cyd
0075	Excavation, Earth	2050016	13,998.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,712.000	Cyd
0085	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0090	_ Geosynthetic Clay Liner	2057001	378.000	Ft
0095	Backfill, Structure, CIP	2060002	3,198.000	Cyd
0100	Excavation, Fdn	2060010	9,587.000	Cyd
0105	Erosion Control, Filter Bag	2080014	4.000	Ea
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0115	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	173.000	Ea

0125	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0130	Erosion Control, Silt Fence	2080036	12,882.000	Ft
0135	Erosion Control, Turbidity Curtain, Deep	2080042	600.000	Ft
0140	Subbase, CIP	3010002	19,468.000	Cyd
0145	Aggregate Base	3020001	554.000	Ton
0150	Aggregate Base, 4 inch	3020010	2,152.000	Syd
0155	Aggregate Base, 6 inch	3020016	50,731.000	Syd
0160	Aggregate Base, 8 inch	3020020	65.000	Syd
0165	Aggregate Base, 9 inch	3020022	135.000	Syd
0170	Aggregate Surface Cse	3060006	1,410.000	Ton
0175	Driveway Maintenance, Commercial	3062000	38.000	Ea
0180	Driveway Maintenance, Residential	3062001	26.000	Ea
0185	Intersection Maintenance	3062002	61.000	Ea
0190	Approach, CI I, 6 inch	3070008	8.000	Syd
0195	Shld, CI II, 3 inch	3070125	18.000	Syd
0200	_ Shld, CI II, Modified	3077031	5,920.000	Ton
0205	Culv End Sect, 12 inch	4010012	2.000	Ea
0210	Culv End Sect, Conc, 60 inch	4010057	1.000	Ea
0215	Culv End Sect, Footing	4010072	3.000	Ea
0220	Culv End Sect, Metal, 15 inch	4010095	1.000	Ea
0225	Culv, CI A, 12 inch	4010131	120.000	Ft
0230	Culv, CI A, Conc, 60 inch	4010174	16.000	Ft
0235	Culv, CI A, CSP, 15 inch	4010200	32.000	Ft
0240	Dr Marker Post	4011109	11.000	Ea
0245	Culv, Outlet Headwall, 12 inch	4012000	2.000	Ea
0250	_ Waterstop, Non-Bentonite, Modified Chloroprene Rubber	4017001	311.000	Ft
0255	Sewer, CI A, 12 inch, Tr Det A	4020004	292.000	Ft
0260	Sewer, CI A, 6 inch, Tr Det B	4020030	53.000	Ft
0265	Sewer, CI A, 8 inch, Tr Det B	4020031	43.000	Ft
0270	Sewer, CI A, 10 inch, Tr Det B	4020032	24.000	Ft
0275	Sewer, CI A, 12 inch, Tr Det B	4020033	2,970.000	Ft
0280	Sewer, CI A, 15 inch, Tr Det B	4020034	77.000	Ft
0285	Sewer, CI A, 18 inch, Tr Det B	4020035	1,201.000	Ft
0290	Sewer, CI A, 30 inch, Tr Det B	4020037	767.000	Ft
0295	Sewer, CI A, 36 inch, Tr Det B	4020038	647.000	Ft
0300	Sewer, CI A, 42 inch, Tr Det B	4020039	444.000	Ft
0305	Sewer, CI A, 48 inch, Tr Det B	4020040	2,489.000	Ft
0310	Sewer, CI E, 12 inch, Tr Det B	4020600	246.000	Ft
0315	Sewer, CI E, 36 inch, Tr Det B	4020605	8.000	Ft
0320	Sewer Tap, 4 inch	4021200	5.000	Ea
0325	Sewer Tap, 6 inch	4021201	11.000	Ea
0330	Sewer Tap, 8 inch	4021202	8.000	Ea
0335	Sewer Tap, 10 inch	4021203	4.000	Ea
0340	Sewer Tap, 12 inch	4021204	11.000	Ea

0345	Sewer Tap, 15 inch	4021205	8.000	Ea
0350	Sewer Tap, 18 inch	4021206	10.000	Ea
0355	Sewer Tap, 24 inch	4021207	1.000	Ea
0360	Sewer Tap, 36 inch	4021209	1.000	Ea
0365	Trench Undercut and Backfill	4021260	478.000	Cyd
0370	Video Taping Sewer and Culv Pipe	4021275	9,946.000	Ft
0375	_ Chemical Pipe Joint Grouting	4027001	227.000	Ft
0380	_ Cured-In-Place Pipe Lining, 10 inch	4027001	897.000	Ft
0385	_ Cured-In-Place Pipe Lining, 12 inch	4027001	2,038.000	Ft
0390	_ Cured-In-Place Pipe Lining, 15 Inch	4027001	1,004.000	Ft
0395	_ Cured-In-Place Pipe Lining, 36 inch	4027001	562.000	Ft
0400	_ Sewer, Class A, 27 inch, Tr Det A, Modified	4027001	10.000	Ft
0405	_ Storm Sewer Cleanout	4027001	2,867.000	Ft
0410	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0415	Dr Structure Cover, Type B	4030010	47.000	Ea
0420	Dr Structure Cover, Type G	4030040	11.000	Ea
0425	Dr Structure Cover, Type K	4030050	90.000	Ea
0430	Dr Structure, 24 inch dia	4030200	2.000	Ea
0435	Dr Structure, 48 inch dia	4030210	113.000	Ea
0440	Dr Structure, 60 inch dia	4030220	11.000	Ea
0445	Dr Structure, 72 inch dia	4030230	17.000	Ea
0450	Dr Structure, 96 inch dia	4030234	1.000	Ea
0455	Dr Structure, 120 inch dia	4030242	1.000	Ea
0460	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	29.000	Ft
0465	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	15.000	Ft
0470	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	23.000	Ft
0475	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0480	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0485	Drop Inlet, Type 1	4030395	5.000	Ea
0490	Mh Base, 72 inch, Type 2	4030442	4.000	Ea
0495	_ Dr Structure Repr, Add Depth, Composite Pavt	4037001	38.000	Ft
0500	_ Dr Structure, Cementitious Coating	4037001	16.000	Ft
0505	_ Dr Structure Repr, Composite Pavt	4037050	7.000	Ea
0510	_ Dr Structure, Hardened Debris, Rem	4037050	7.000	Ea
0515	_ Utility Structure Cover, Adjust, Case 2	4037050	1.000	Ea
0520	_ Stormwater Hydrodynamic Separator No. 204321	4037051	1.000	LSUM
0525	Underdrain, Subbase, 6 inch	4040063	15,003.000	Ft
0530	Underdrain Outlet, 6 inch	4040093	313.000	Ft
0535	Underdrain, Outlet Ending, 6 inch	4040113	14.000	Ea
0540	Video Inspection of Underdrain	4040200	13,546.000	Ft
0545	_ Underdrain, Pipe, Open-Graded, 6 inch, Modified	4047001	47.000	Ft
0550	Cold Milling HMA Surface	5010002	151,248.000	Syd
0555	Bump Grinding	5010004	1,500.000	Syd

0560	HMA Surface, Rem	5010005	39,127.000	Syd
0565	HMA Quality Initiative	5010007	189,328.000	Dlr
0570	Longit Joint Density Quality Initiative	5010018	84,868.000	Dlr
0575	Hand Patching	5010025	2,818.000	Ton
0580	HMA Approach	5010061	3,301.000	Ton
0585	HMA Approach, High Stress	5010520	178.000	Ton
0590	HMA, 3EML	5012013	4,520.000	Ton
0595	HMA, 4EML	5012025	11,434.000	Ton
0600	HMA, 5EML	5012037	11,545.000	Ton
0605	HMA, 4EML, High Stress	5012073	3,332.000	Ton
0610	HMA, 5EML, High Stress	5012085	2,502.000	Ton
0615	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	32,386.000	Ft
0620	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	5,384.000	Ft
0625	_ Ride Quality Incentive	5017060	49,060.000	Dlr
0630	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	2.000	Syd
0635	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	749.000	Syd
0640	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	2.000	Syd
0645	Joint, Contraction, Cp	6020200	410.000	Ft
0650	Joint, Expansion, E2	6020207	48.000	Ft
0655	Joint, Expansion, E3	6020208	104.000	Ft
0660	Conc Pavt, Bridge Approach, Reinf	6020600	267.000	Syd
0665	_ Conc Base Cse, Reinf, Modified	6027021	8.000	Cyd
0670	Cold Milling Conc Pavt	6030014	5,471.000	Syd
0675	Lane Tie, Epoxy Anchored	6030030	167.000	Ea
0680	Cofferdams	7040007	1.000	LSUM
0685	Conc, Grade 3500, Subfooting	7062000	5.000	Cyd
0690	_ Substructure Conc, Grade 3500, Modified	7067021	60.000	Cyd
0695	Coating Galvanized Support Structures	7160010	23.000	Ea
0700	_ Bentonite Plugs	8007050	15.000	Ea
0705	_ Restricted Excavation Marker, Relocate	8007050	1.000	Ea
0710	_ Vibration Monitoring	8007051	1.000	LSUM
0715	Driveway, Nonreinf Conc, 6 inch	8010005	596.000	Syd
0720	Driveway, Nonreinf Conc, 7 inch	8010006	440.000	Syd
0725	Driveway, Nonreinf Conc, 8 inch	8010007	1,103.000	Syd
0730	Curb, Conc, Det E2	8020002	42.000	Ft
0735	Curb and Gutter, Conc, Det B2	8020016	1,569.000	Ft
0740	Curb and Gutter, Conc, Det F4	8020038	11,122.000	Ft
0745	Driveway Opening, Conc, Det M	8020050	1,182.000	Ft
0750	Shld Gutter, Conc, Det 2	8020056	14.000	Ea
0755	Spillway, Conc	8020075	40.000	Ft
0760	Curb and Gutter, Bridge Approach, Det 5	8022016	102.000	Ft
0765	_ Curb and Gutter, Conc, Det B1, Modified	8027001	47.000	Ft
0770	_ Curb and Gutter, Conc, Det B2, Modified	8027001	829.000	Ft
0775	_ Planter Curb	8027001	703.000	Ft
0780	Detectable Warning Surface	8030010	642.000	Ft

0785	Curb Ramp Opening, Conc	8030030	877.000	Ft
0790	Sidewalk, Conc, 4 inch	8030044	17,141.000	Sft
0795	Sidewalk, Conc, 6 inch	8030046	3,184.000	Sft
0800	Sidewalk, Clay Brick Pavers, Rem	8030051	50.000	Sft
0805	Curb Ramp, Conc, 6 inch	8032002	8,467.000	Sft
0810	_ Curb Ramp, Conc, 8 inch	8037010	330.000	Sft
0815	_ Sidewalk, Brick Pavers	8037010	5,263.000	Sft
0820	_ Sidewalk, Brick Pavers, Rem and Salv	8037010	1,876.000	Sft
0825	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
0830	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0835	Guardrail Post, Culv	8070070	2.000	Ea
0840	Guardrail, Salv	8070075	849.000	Ft
0845	Guardrail Reflector	8070080	28.000	Ea
0850	Post, Mailbox	8070095	33.000	Ea
0855	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0860	Guardrail, Curved, Type T, 84 inch Post	8072143	163.000	Ft
0865	Guardrail, Type MGS-8, 108 inch Post	8072180	288.000	Ft
0870	_ Guardrail Anch, Bridge, Det M5, Curved, Modified	8077050	2.000	Ea
0875	Fence, Protective	8080007	500.000	Ft
0880	_ Fence, Structure, Handrail	8087001	47.000	Ft
0885	Band, Sign	8100010	24.000	Ea
0890	Delineator Reflector, Green	8100133	8.000	Ea
0895	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	41.000	Ea
0900	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	221.000	Ea
0905	Fdn, Wood Support, Rem	8100280	33.000	Ea
0910	Installing MDOT Supplied Sign, Type III	8100302	16.000	Ea
0915	Perforated Steel Square Tube Breakaway System	8100330	14.000	Ea
0920	Post Hole Through Conc for Steel Post	8100340	33.000	Ea
0925	Post, Flexible, Delineator	8100360	262.000	Ea
0930	Post, Rigid, Delineator	8100361	8.000	Ea
0935	Post, Steel, 3 pound	8100371	6,328.000	Ft
0940	Post, Wood, 4 inch by 6 inch	8100380	406.000	Ft
0945	Post, Wood, 6 inch by 8 inch	8100382	48.000	Ft
0950	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0955	Sign, Type II, Rem	8100397	28.000	Ea
0960	Sign, Type IIA	8100398	226.000	Sft
0965	Sign, Type III, Erect, Salv	8100402	93.000	Ea
0970	Sign, Type III, Rem	8100403	191.000	Ea
0975	Sign, Type IIIA	8100404	537.000	Sft
0980	Sign, Type IIIB	8100405	1,584.000	Sft
0985	Sign, Type V, Rem	8100421	5.000	Ea
0990	Sign, Type VA	8100424	24.000	Sft
0995	Sign, Type VB	8100425	80.000	Sft

1000	Reflective Panel for Permanent Sign Support, 3 foot	8100613	102.000	Ea
1005	Reflective Panel for Permanent Sign Support, 6 foot	8100616	94.000	Ea
1010	Bracket, H	8100650	6.000	Ea
1015	Sign, Type II, Rem, Salv	8102002	2.000	Ea
1020	Sign, Type III, Rem, Salv	8102003	95.000	Ea
1025	Ground Mtd Sign Support, Rem	8102010	215.000	Ea
1030	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,818.000	Ft
1035	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	209.000	Ft
1040	Rem Spec Mrkg	8110343	13.000	Sft
1045	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	11.000	Ea
1050	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
1055	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
1060	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	1.000	Ea
1065	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
1070	Recessing Pavt Mrkg, Longit	8110450	119,801.000	Ft
1075	Recessing Pavt Mrkg, Transv	8110451	2,503.000	Sft
1080	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	83,724.000	Ft
1085	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	36,077.000	Ft
1090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	150.000	Ea
1095	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	150.000	Ea
1100	Pedestrian Type II Barricade, Temp	8120026	80.000	Ea
1105	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
1110	Conc Barrier Ending, Temp, Det 5, Adj	8120060	2.000	Ea
1115	Conc Barrier Ending, Temp, Det 5, Furn	8120061	2.000	Ea
1120	Conc Barrier Ending, Temp, Det 5, Oper	8120062	2.000	Ea
1125	Conc Barrier, Temp, Adj	8120080	525.000	Ft
1130	Conc Barrier, Temp, Furn	8120081	525.000	Ft
1135	Conc Barrier, Temp, Oper	8120082	525.000	Ft
1140	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
1145	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
1150	Ltg for Night Work	8120160	1.000	LSUM
1155	Minor Traf Devices	8120170	1.000	LSUM
1160	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	384.000	Ft
1165	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	11.000	Ea
1170	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	9.000	Ea
1175	Pavt Mrkg, Type NR, Paint, Thru Arrow	8120219	1.000	Ea
1180	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
1185	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
1190	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
1195	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	1.000	Ea
1200	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru Arrow	8120259	1.000	Ea
1205	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	70.000	Ft

1210	PTS, Temp, Furn	8120272	2.000	Ea
1215	PTS, Temp, Oper	8120273	2.000	Ea
1220	Sign Cover	8120310	250.000	Ea
1225	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1235	Sign, Type B, Temp, Prismatic, Furn	8120350	7,550.000	Sft
1240	Sign, Type B, Temp, Prismatic, Oper	8120351	7,550.000	Sft
1245	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	471.000	Sft
1250	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	471.000	Sft
1255	Traf Regulator Control	8120370	1.000	LSUM
1260	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	5,250.000	Ft
1265	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	10,000.000	Ft
1270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,804.000	Ft
1275	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	15,000.000	Ft
1280	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8122180	105.000	Ft
1285	Temp Rumble Strips (Orange), Stop Condition	8122186	4,130.000	Ft
1290	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
1295	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
1300	Pedestrian Path, Temp	8122250	150.000	Ft
1305	Pedestrian Ramp, Temp	8122251	10.000	Ea
1310	Riprap, Plain	8130010	15.000	Syd
1315	_ Riprap, Spec, Class II	8137011	307.000	Syd
1320	Slope Restoration, Non-Freeway, Type A	8162001	15,943.000	Syd
1325	Slope Restoration, Non-Freeway, Type B	8162002	42,989.000	Syd
1330	Slope Restoration, Non-Freeway, Type C	8162003	334.000	Syd
1335	Power Company (Estimated Cost to Contractor)	8180001	1,000.000	Dlr
1340	Conduit, Directional Bore, 2, 3 inch	8182037	405.000	Ft
1345	Conduit, DB, 1, 1 1/2 inch	8182048	345.000	Ft
1350	Conduit, DB, 3, 3 inch	8182056	120.000	Ft
1355	Conduit, DB, 4, 3 inch	8182059	30.000	Ft
1360	Cable, Sec, 600V, 1, 3/C#6	8182238	105.000	Ft
1365	Hh, Polymer Conc	8182309	2.000	Ea
1370	Hh, Round	8182310	8.000	Ea
1375	Hh, Round, 3 foot dia	8182319	2.000	Ea
1380	Hh, Adj	8182328	2.000	Ea
1385	Hh, Rem	8182330	3.000	Ea
1390	Wood Pole, Rem	8182363	2.000	Ea
1395	Serv Disconnect	8182366	2.000	Ea
1400	Serv Disconnect, Rem	8182367	2.000	Ea
1405	Light Std Arm, Rem	8190277	2.000	Ea

1410	Light Std Arm, Rem and Salv	8190278	47.000	Ea
1415	Luminaire, Rem	8190360	2.000	Ea
1420	Case Sign Panel	8200003	1.000	Ea
1425	Case Sign Panel, Rem	8200004	2.000	Ea
1430	Case Sign Panel, Salv	8200005	1.000	Ea
1435	Case Sign, Rem	8200020	3.000	Ea
1440	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
1445	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	6.000	Ea
1450	Controller and Cabinet, Rem	8200030	2.000	Ea
1455	Controller Fdn, Base Mtd	8200045	2.000	Ea
1460	Fdn, Rem	8200065	4.000	Ea
1465	Pedestal, Alum	8200100	7.000	Ea
1470	Pedestal, Fdn	8200105	15.000	Ea
1475	Pedestal Fdn, Rem	8200106	3.000	Ea
1480	Pedestal, Rem	8200110	3.000	Ea
1485	Pushbutton and Sign	8200121	16.000	Ea
1490	Pushbutton, Rem	8200122	6.000	Ea
1495	Pushbutton, Pedestal, Alum	8200123	8.000	Ea
1500	Span Wire	8200140	7.000	Ea
1505	Span Wire, Rem	8200141	6.000	Ea
1510	Span Wire Tether	8200142	7.000	Ea
1515	Steel Pole, Rem	8200145	4.000	Ea
1520	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1525	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
1530	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
1535	TS, Span Wire Mtd, Rem	8200182	7.000	Ea
1540	Cabinet, NEMA Type	8200186	2.000	Ea
1545	TS, One Way Span Wire Mtd (LED)	8200313	14.000	Ea
1550	TS, 4th Level, LTGA (LED)	8200329	4.000	Ea
1555	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1560	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1565	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1570	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
1575	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
1580	TS, Antenna, Salv	8200369	1.000	Ea
1585	Bracket, Truss, with 18 foot Arm	8200378	6.000	Ea
1590	Bracket, Truss, Rem	8200388	1.000	Ea
1595	TS Face, Bag	8200458	45.000	Ea
1600	TS Face, Bag, Rem	8200459	44.000	Ea
1605	Strain Pole, Steel, 6 bolt, 30 foot	8200460	6.000	Ea
1610	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
1615	Strain Pole Fdn, 6 Bolt	8200470	99.000	Ft
1620	Casing	8200480	53.000	Ft

1625	Cellular Modem, TS, 4th G	8200498	1.000	Ea
1630	Radar Vehicle Presence Stop-Bar Detector System	8200510	2.000	Ea
1635	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	6.000	Ea
1640	Radar Vehicle Presence Stop-Bar Detector Sensor, Rem	8200514	2.000	Ea
1645	Monument Box	8210001	4.000	Ea
1650	Monument Box Adj	8210005	6.000	Ea
1655	Monument Preservation	8210010	22.000	Ea
1660	Protect Corners	8210020	29.000	Ea
1665	Centerline Corrugations, Milled, HMA	8220013	33,166.000	Ft
1670	Water Shutoff, Adj, Case 1	8230421	40.000	Ea
1675	Water Shutoff, Adj, Case 2	8230422	3.000	Ea
1680	Gate Box, Adj, Case 2	8230432	2.000	Ea
1685	Contractor Staking	8240001	1.000	LSUM
1690	Staking Plan Errors and Extras, Max \$180/hour	8240002	195.000	Hr
1695	Sanitary Structure Cover, Type Q	8252098	29.000	Ea
1700	Sanitary Structure Cover, Adj, Case 1	8252145	24.000	Ea
1705	Sanitary Structure Cover, Adj, Case 2	8252146	7.000	Ea
1710	Lightning Protection, Pole	8260021	2.000	Ea
1715	Elec Rack	8260110	1.000	Ea

Section: 2

1720	Structures, Rem Portions (B01 of 74062)	2040061	1.000	LSUM
1725	Excavation, Rock Fdn	2060011	1,378.000	Cyd
1730	_ Fill, Low Density Cellular Conc, Class II	2067021	2,073.000	Cyd
1735	Underdrain, Fdn, 6 inch	4040033	420.000	Ft
1740	_ Cofferdams on Rock, Left in Place (B01 of 74062)	7047051	1.000	LSUM
1745	Bridge Ltg, Furn and Rem (B01 of 74062)	7060001	1.000	LSUM
1750	Bridge Ltg, Oper and Maintain	7060002	388.000	Cyd
1755	Expansion Joint Device	7060050	59.000	Ft
1760	False Decking	7060060	9,663.000	Sft
1765	Reinforcement, Steel, Epoxy Coated	7060092	193,243.000	Lb
1770	Substructure Conc, High Performance	7060101	924.000	Cyd
1775	Superstructure Conc, Form, Finish, and Cure (B01 of 74062)	7060111	1.000	LSUM
1780	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 74062)	7060112	1.000	LSUM
1785	Superstructure Conc, High Performance	7060116	14.000	Cyd
1790	Superstructure Conc, Night Casting, High Performance	7060117	388.000	Cyd
1795	Sealing Localized Cracks (B01 of 74062)	7060220	1.000	LSUM
1800	Conc, Grade 3500	7062001	462.000	Cyd
1805	_ Reinforcement, Steel, Low Carbon Chromium	7067030	70,667.000	Lb
1810	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	1,925.000	Lb
1815	Steel Diaphragm, Prest Conc Beam, Erect	7070054	1,925.000	Lb
1820	_ Bearing, Elastomeric, 3 1/8 inch	7077008	5,328.000	Sin

1825	_ Complex Conc Erection (B01 of 74062)	7077051	1.000	LSUM
1830	Prest Conc Bulb-Tee Beam, Furn, 66 inch by 49 inch	7080135	879.000	Ft
1835	Prest Conc Bulb-Tee Beam, Erect, 66 inch by 49 inch	7080136	879.000	Ft
1840	Joint Waterproofing	7100001	320.000	Sft
1845	Joint Waterproofing, Expansion	7100003	91.000	Sft
1850	Conc Surface Coating, Warranty (B01 of 74062)	7100009	1.000	LSUM
1855	_ Silane Treatment	7107010	1,100.000	Sft
1860	Reflective Marker, Permanent Barrier	7110003	6.000	Ea
1865	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	344.000	Ft
1870	_ Bridge Railing Panel, Rem, Salv, and Transport (B01 of 74062)	7127051	1.000	LSUM
1875	_ Salvaging Temp Barrier (B01 of 74062)	8127051	1.000	LSUM
1880	_ Riprap, Into Rock, Class II	8137031	1,830.000	Ton
1885	_ Riprap, Under Structures, Into Rock, Class II	8137031	980.000	Ton
1890	Structure Survey During Construction (B01 of 74062)	8240020	1.000	LSUM