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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 001**Letting Date:** June 2, 2023**Contract ID:** 77000-218125

Description: 4.66 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Krafft Road from North Road to State Road, Lapeer Road from Allen Road to Michigan Road and Metcalf Road from State Road to Lakeshore Road (M-25), St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218125A	23A0403	N/A	STUL 77000
218127A	23A0413	N/A	STUL 77000
218133A	23A0405	N/A	STUL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$67,400.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	_ Shld, CI II, Modified	3077031	664.000	Ton
0020	Cold Milling HMA Surface	5010002	57,989.000	Syd
0025	Hand Patching	5010025	23.000	Ton
0030	HMA, 4EML	5012025	3,205.000	Ton
0035	HMA, 4EMH	5012026	3,256.000	Ton
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	134.000	Ft
0045	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	6.000	Ea
0065	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,705.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,946.000	Ft
0075	Pavt Mrkg, Waterborne, 6 inch, White	8110233	44,846.000	Ft
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	534.000	Ea
0085	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	534.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,303.000	Ft
0110	Sign Cover	8120310	10.000	Ea
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	516.000	Sft

0120	Sign, Type B, Temp, Prismatic, Oper	8120351	516.000	Sft
0125	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	48.000	Sft
0130	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	48.000	Sft
0135	Traf Regulator Control	8120370	1.000	LSUM
0140	_ Monument Box, Special	8127050	8.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 002**Letting Date:** June 2, 2023**Contract ID:** 38000-206639

Description: 5.08 mi of hot mix asphalt overlay, shoulders, culvert replacement, guardrail upgrades and pavement markings on Sharon Valley Road from Austin Road to the Washtenaw County line, Jackson County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206639A	23A0476	N/A	STL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$97,500.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	160.000	Ft
0015	Pavt, Rem	2040050	42.000	Syd
0020	Embankment, CIP	2050010	100.000	Cyd
0025	Erosion Control, Silt Fence	2080036	400.000	Ft
0030	Approach, CI I	3070001	92.000	Ton
0035	Shld, CI II	3070121	2,404.000	Ton
0040	Pavt for Butt Joints, Rem	5010008	516.000	Syd
0045	HMA Approach	5010061	245.000	Ton
0050	HMA, 5EL	5012036	9,452.000	Ton
0055	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0060	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0065	Guardrail Reflector	8070080	14.000	Ea
0070	Guardrail, Long Span, Det MGS-2	8072122	2.000	Ea
0075	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	13.000	Ft
0080	Guardrail, Type MGS-8, 108 inch Post	8072180	163.000	Ft
0085	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	75.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	53,645.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	43,872.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	53,645.000	Ft
0105	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	43,872.000	Ft
0110	Recessing Pavt Mrkg, Transv	8110451	150.000	Sft
0115	Scarification, for Polyurea Spec Mrkg	8112159	150.000	Sft
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	160.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	160.000	Ea
0130	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0135	Lighted Arrow, Type B, Oper	8120131	2.000	Ea

0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,146.000	Ft
0150	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0155	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	559.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	559.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	_ Automated Flagger Assistance Device	8127050	2.000	Ea
0180	Monument Box Adj	8210005	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 003**Letting Date:** June 2, 2023**Contract ID:** 13000-218248

Description: 1.12 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, berm grading and pavement markings on North Avenue from East Roosevelt Avenue to West Coolidge Avenue and 6 Mile Road from West Coolidge Avenue to Morgan Road in the city of Battle Creek, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218248A	23A0475	N/A	STUL 13000
218252A	23A0462	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$58,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	135.000	Ft
0015	_ Pavt, Rem, Modified	2047011	3.000	Syd
0020	_ Sidewalk, Rem, Modified	2047011	260.000	Syd
0025	Berm Grading	2050008	40.000	Sta
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	36.000	Ea
0035	Dr Structure Cover, Adj, Case 1, Modified	4030004	38.000	Ea
0040	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0045	Dr Structure Cover, Type Q	4030065	3.000	Ea
0050	Cold Milling HMA Surface	5010002	29,827.000	Syd
0055	Hand Patching	5010025	6.000	Ton
0060	HMA, 5EML	5012037	3,524.000	Ton
0065	Conc Base Cse, Nonreinf, 6 inch	6020015	18.000	Syd
0070	Curb, Conc, Det E1	8020001	12.000	Ft
0075	_ Curb and Gutter, Conc, Det_, Match Existing	8027001	60.000	Ft
0080	Detectable Warning Surface	8030010	150.000	Ft
0085	Curb Ramp Opening, Conc	8030030	80.000	Ft
0090	Sidewalk, Conc, 6 inch	8030046	500.000	Sft
0095	Curb Ramp, Conc, 6 inch	8032002	1,800.000	Sft
0100	Post, Mailbox	8070095	14.000	Ea
0105	Post, Steel, 3 pound	8100371	224.000	Ft
0110	Sign, Type III, Rem	8100403	16.000	Ea
0115	Sign, Type IIIA	8100404	45.000	Sft
0120	Sign, Type IIIB	8100405	59.000	Sft
0125	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,150.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	225.000	Ft

0135	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0150	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	85.000	Ft
0155	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,245.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	14,630.000	Ft
0165	Recessing Pavt Mrkg, Transv	8110451	1,306.000	Sft
0170	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	117.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	117.000	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	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0205	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	796.000	Sft
0215	Sign, Type B, Temp, Prismatic, Oper	8120351	796.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0225	Slope Restoration, Non-Freeway, Type A	8162001	1,239.000	Syd
0230	Water Shutoff, Adj, Case 1	8230421	4.000	Ea
0235	Gate Box, Adj, Case 1	8230431	24.000	Ea
0240	Contractor Staking	8240001	1.000	LSUM
0245	Staking Plan Errors and Extras, Max \$180/hour	8240002	16.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230602 004**Letting Date:** June 2, 2023**Contract ID:** 27000-218357

Description: 1.25 mi of hot mix asphalt cold in place recycling and resurfacing, aggregate shoulders and pavement markings on Van Buskirk Road from Norrie Park Road to Clemens Street in the city of Ironwood, Gogebic County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218357A	23A0461	N/A	STUL 27000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$43,000.00	1100001	1.000	LSUM
0010	Material, Surplus and Unsuitable, Rem, LM	3050010	15.000	Cyd
0015	Maintenance Gravel	3060020	20.000	Ton
0020	Approach, CI II, 3 inch	3070025	402.000	Syd
0025	Shld, CI II, 3 inch	3070125	2,920.000	Syd
0030	HMA Surface, Rem	5010005	402.000	Syd
0035	HMA Approach	5010061	45.000	Ton
0040	HMA, 4EML	5012025	1,810.000	Ton
0045	_ Cold in Place, Recycling, 5 inch	5017011	17,518.000	Syd
0050	Post, Mailbox	8070095	24.000	Ea
0055	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,020.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,020.000	Ft
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	248.000	Sft
0085	Sign, Type B, Temp, Prismatic, Oper	8120351	248.000	Sft
0090	Traf Regulator Control	8120370	1.000	LSUM
0095	Monument Preservation	8210010	3.000	Ea
0100	_ Asphalt Stabilizing Material	8507022	36,230.000	Gal



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Schedule of Pay Items

Report v1

Letting Call: 230602 005**Letting Date:** June 2, 2023**Contract ID:** 14000-211842

Description: 0.16 mi of construction of a roundabout including hot mix asphalt reconstruction, concrete pavement, curb and gutter, storm sewer, signing and pavement markings on Gumwood Road at Redfield Street, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211842A	23A0479	N/A	HSIP 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$76,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	2.000	Acre
0015	Sewer, Rem, Less than 24 inch	2030015	59.000	Ft
0020	Fence, Rem	2040025	280.000	Ft
0025	Pavt, Rem 1	2040050	290.000	Syd
0030	Sidewalk, Rem	2040055	220.000	Syd
0035	Embankment, CIP	2050010	2,200.000	Cyd
0040	Excavation, Earth	2050016	2,560.000	Cyd
0045	Machine Grading	2050030	12.000	Sta
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0055	Erosion Control, Silt Fence	2080036	1,445.000	Ft
0060	Subbase, CIP	3010002	1,775.000	Cyd
0065	Aggregate Base, 6 inch	3020016	345.000	Syd
0070	Aggregate Base, 8 inch	3020020	4,950.000	Syd
0075	Maintenance Gravel, LM	3060021	150.000	Cyd
0080	Shld, CI II, 6 inch	3070128	48.000	Syd
0085	Culv End Sect, 12 inch	4010012	2.000	Ea
0090	Sewer, CI IV, 12 inch, Tr Det B	4020987	962.000	Ft
0095	Video Taping Sewer and Culv Pipe	4021275	962.000	Ft
0100	Dr Structure Cover, Type J	4030045	14.000	Ea
0105	Dr Structure, 24 inch dia	4030200	6.000	Ea
0110	Dr Structure, 48 inch dia	4030210	8.000	Ea
0115	HMA Surface, Rem	5010005	3,690.000	Syd
0120	HMA, 3EML	5012013	645.000	Ton
0125	HMA, 4EML	5012025	430.000	Ton
0130	HMA, 5EML	5012037	330.000	Ton
0135	Joint, Contraction, Cp	6020200	144.000	Ft

0140	Joint, Expansion, E2	6020207	48.000	Ft
0145	_ Conc Pavt, Decorative, Nonreinf, 6 inch	6027011	157.000	Syd
0150	_ Conc Pavt, Decorative, Nonrienf, 9 inch	6027011	248.000	Syd
0155	Driveway, Nonreinf Conc, 6 inch	8010005	97.000	Syd
0160	Curb, Conc, Det E2	8020002	163.000	Ft
0165	Curb and Gutter, Conc, Det B2	8020016	1,802.000	Ft
0170	_ Curb and Gutter, Conc, Det D2, Modified	8027001	214.000	Ft
0175	_ Curb and Gutter, Conc, Det F4, Modified	8027001	513.000	Ft
0180	Detectable Warning Surface	8030010	44.000	Ft
0185	Fence, Woven Wire with Steel Post	8080002	280.000	Ft
0190	Post Hole Through Conc for Steel Post	8100340	9.000	Ea
0195	Post, Steel, 3 pound	8100371	280.000	Ft
0200	Sign, Type III, Rem	8100403	6.000	Ea
0205	Sign, Type IIIA	8100404	107.000	Sft
0210	Sign, Type IIIB	8100405	65.000	Sft
0215	Reflective Panel for Permanent Sign Support, 6 foot	8100616	9.000	Ea
0220	Ground Mtd Sign Support, Rem	8102010	5.000	Ea
0225	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	355.000	Ft
0230	Recessing Pavt Mrkg, Longit	8110450	3,725.000	Ft
0235	Recessing Pavt Mrkg, Guide Line	8110453	3,725.000	Ft
0240	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	2,330.000	Ft
0245	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	55.000	Ft
0250	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	475.000	Ft
0255	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	1,570.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0285	Sign, Type B, Temp, Prismatic, Furn	8120350	289.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	289.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	58.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	58.000	Sft
0305	Riprap, Plain	8130010	20.000	Syd
0310	Slope Restoration, Non-Freeway, Type F	8162006	7,910.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230602 006**Letting Date:** June 2, 2023**Contract ID:** 39000-215021

Description: Bridge reconstruction including removal and replacement with 17-inch prestressed concrete box beams and approach work on Inkster Road over Bronson Boulevard in the city of Kalamazoo, Kalamazoo County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215021A	23A0460	N/A	BO 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$149,000.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017011	159.000	Syd
0015	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0025	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	101.000	Ft
0035	Curb and Gutter, Rem	2040020	174.000	Ft
0040	Fence, Rem	2040025	321.000	Ft
0045	Guardrail, Rem	2040035	159.000	Ft
0050	Pavt, Rem	2040050	95.000	Syd
0055	Sidewalk, Rem	2040055	118.000	Syd
0060	Exploratory Investigation, Vertical	2040080	25.000	Ft
0065	_ Fence, Rem, Modified	2047001	301.000	Ft
0070	Embankment, CIP	2050010	94.000	Cyd
0075	Excavation, Earth	2050016	238.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	60.000	Cyd
0085	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0090	_ Straw Wattle	2087001	200.000	Ft
0095	Aggregate Base, 4 inch	3020010	212.000	Syd
0100	Aggregate Base, 8 inch	3020020	670.000	Syd
0105	Sewer, CI IV, 12 inch, Tr Det B	4020987	65.000	Ft
0110	Sewer Tap, 12 inch	4021204	1.000	Ea
0115	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0120	Dr Structure Cover, Type B	4030010	2.000	Ea
0125	Dr Structure Cover, Type K	4030050	1.000	Ea
0130	Dr Structure, 48 inch dia	4030210	3.000	Ea
0135	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	8.000	Ft

0140	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	1.000	Ft
0145	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0150	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0155	Cold Milling HMA Surface	5010002	105.000	Syd
0160	HMA Surface, Rem	5010005	499.000	Syd
0165	Hand Patching	5010025	20.000	Ton
0170	HMA Approach	5010061	161.000	Ton
0175	Joint, Expansion, E3	6020208	53.000	Ft
0180	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	86.000	Syd
0185	Curb and Gutter, Conc, Det F4	8020038	206.000	Ft
0190	Curb and Gutter, Bridge Approach, Det 5	8022016	75.000	Ft
0195	Detectable Warning Surface	8030010	18.000	Ft
0200	Curb Ramp Opening, Conc	8030030	20.000	Ft
0205	Sidewalk, Conc, 4 inch	8030044	1,699.000	Sft
0210	Curb Ramp, Conc, 6 inch	8032002	141.000	Sft
0215	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0220	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0225	Guardrail Reflector	8070080	8.000	Ea
0230	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0235	_ Railing, Pedestrian	8087001	300.000	Ft
0240	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0245	Sign, Type III, Rem	8100403	3.000	Ea
0250	Sign, Type III, Rem, Salv	8102003	1.000	Ea
0255	Ground Mtd Sign Support, Rem	8102010	3.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	108.000	Ft
0265	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	128.000	Ft
0270	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	128.000	Ft
0275	Recessing Pavt Mrkg, Longit	8110450	771.000	Ft
0280	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	476.000	Ft
0285	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 4 inch, Yellow	8112132	551.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0300	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0305	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0315	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0325	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0335	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea

0340	Sign, Type B, Temp, Prismatic, Furn	8120350	363.000	Sft
0345	Sign, Type B, Temp, Prismatic, Oper	8120351	363.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	216.000	Sft
0355	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	216.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0365	Slope Restoration, Non-Freeway, Type C	8162003	277.000	Syd
0370	_ Geocellular Confinement System	8167011	222.000	Syd
0375	_ Hydroseeding	8167011	154.000	Syd
0380	Gate Box, Adj, Case 1	8230431	3.000	Ea

Section: 2

0385	Structures, Rem Portions (SN 4684)	2040061	1.000	LSUM
0390	Backfill, Structure, CIP	2060002	1,177.000	Cyd
0395	Excavation, Fdn	2060010	1,150.000	Cyd
0400	Underdrain, Fdn, 4 inch	4040031	167.000	Ft
0405	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0410	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0415	Steel Sheet Piling, Permanent	7040001	928.000	Sft
0420	Steel Sheet Piling, Temp	7040002	1,413.000	Sft
0425	Bridge Ltg, Furn and Rem (SN 4684)	7060001	1.000	LSUM
0430	Bridge Ltg, Oper and Maintain	7060002	90.000	Cyd
0435	Conc, Low Temperature Protection	7060020	344.000	Cyd
0440	Expansion Joint Device	7060050	28.000	Ft
0445	False Decking	7060060	4,834.000	Sft
0450	Reinforcement, Steel, Epoxy Coated	7060092	58,478.000	Lb
0455	Substructure Conc, High Performance	7060101	344.000	Cyd
0460	Superstructure Conc, Form, Finish, and Cure (SN 4684)	7060111	1.000	LSUM
0465	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 4684)	7060112	1.000	LSUM
0470	Superstructure Conc, High Performance	7060116	32.000	Cyd
0475	Superstructure Conc, Night Casting, High Performance	7060117	90.000	Cyd
0480	Sealing Localized Cracks (SN 4684)	7060220	1.000	LSUM
0485	Conc, Grade 3500, Subfooting	7062000	25.000	Cyd
0490	Aesthetic Texturing	7062005	355.000	Syd
0495	_ Bridge Name Plate	7067050	1.000	Ea
0500	Bearing, Elastomeric, 1 3/4 inch	7070015	2,880.000	Sin
0505	Prest Conc Box Beam, Furn, 27 inch	7080065	253.000	Ft
0510	Prest Conc Box Beam, Erect, 27 inch	7080066	253.000	Ft
0515	Joint Waterproofing	7100001	531.000	Sft
0520	Joint Waterproofing, Expansion	7100003	55.000	Sft
0525	Conc Surface Coating	7100011	639.000	Syd
0530	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	131.000	Ft
0535	_ Utility Protection	8007001	60.000	Ft

0540	Conduit, Schedule 40, 2 inch	8182133	331.000	Ft
0545	DB Cable, in Conduit, 600V, 1/C#10	8182189	782.000	Ft
0550	Cable, Equipment Grounding Wire, 1/C#10	8182293	391.000	Ft
0555	Hh, Polymer Conc	8182309	2.000	Ea
0560	Metered Serv	8182338	1.000	Ea
0565	_ Light Standard, Decorative Luminaire, Modified	8197051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 230602 007

Letting Date: June 2, 2023

Contract ID: 38000-207167

Description: 1.03 mi of hot mix asphalt cold in-place recycling, striping, ditch cleanout, spot guardrail and pavement markings on Badgley Road from Horton Road to Stonewall Road, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207167A	23A0477	N/A	STUL 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	Guardrail, Rem	2040035	285.000	Ft
0015	Pavt, Rem	2040050	209.000	Syd
0020	Ditch Cleanout	2050006	15.000	Sta
0025	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0030	Erosion Control, Silt Fence	2080036	400.000	Ft
0035	Aggregate Base, 6 inch	3020016	250.000	Syd
0040	Approach, CI I	3070001	50.000	Ton
0045	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0050	Dr Structure, Temp Lowering	4030390	6.000	Ea
0055	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	6.000	Ea
0060	Cold Milling HMA Surface	5010002	5,000.000	Syd
0065	HMA Surface, Rem	5010005	142.000	Syd
0070	Pavt for Butt Joints, Rem	5010008	1,200.000	Syd
0075	HMA Approach	5010061	100.000	Ton
0080	HMA, 4EML	5012025	2,100.000	Ton
0085	HMA, 5EML	5012037	1,450.000	Ton
0090	Bridge Railing, Thrie Beam Retrofit	7110006	25.000	Ft
0095	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0100	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0105	Guardrail Reflector	8070080	38.000	Ea
0110	Guardrail Anch, Bridge, Det A3	8070150	3.000	Ea
0115	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	13.000	Ft
0120	Guardrail, Type MGS-8, 108 inch Post	8072180	575.000	Ft
0125	_ Guardrail Anch, Bridge, Det A3, Modified	8077050	1.000	Ea
0130	_ Post, Mailbox, Modified	8077050	40.000	Ea
0135	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	200.000	Ft

0140	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0145	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0150	Recessing Pavt Mrkg, Longit	8110450	10,950.000	Ft
0155	Recessing Pavt Mrkg, Transv	8110451	500.000	Sft
0160	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	10,950.000	Ft
0165	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	36.000	Ft
0170	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	10,950.000	Ft
0175	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0185	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0195	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0200	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	424.000	Ft
0215	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0220	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	316.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	316.000	Sft
0235	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	53.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	53.000	Sft
0245	Traf Regulator Control	8120370	1.000	LSUM
0250	Slope Restoration, Non-Freeway, Type A	8162001	2,625.000	Syd
0255	Slope Restoration, Non-Freeway, Type B	8162002	1,000.000	Syd
0260	Gate Box, Adj, Temp, Case 1	8230391	6.000	Ea



4/27/2023 7:34 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 008**Letting Date:** June 2, 2023**Contract ID:** 50000-212277

Description: Bridge replacement including 21-inch spread prestressed concrete box beam superstructure and approach work on Archer Drive over Channel to Lake St. Clair, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212277A	23A0483	N/A	BO 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$230,000.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0015	Guardrail, Rem	2040035	375.000	Ft
0020	_ Pavt, Rem, Modified	2047011	1,364.000	Syd
0025	_ Station Grading	2057002	7.000	Sta
0030	_ Subgrade Undercutting, Special, 21AA	2057021	300.000	Cyd
0035	Obliterate Old Road	2070001	3.000	Sta
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0045	Erosion Control, Silt Fence	2080036	900.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0055	_ Aggregate Base, 12 inch, Modified	3027011	879.000	Syd
0060	_ Aggregate Base, 16 inch, Modified	3027011	2,187.000	Syd
0065	_ Aggregate Base, 6 inch, Modified	3027011	310.000	Syd
0070	_ Aggregate Surface Cse, 6 inch, Modified	3067011	361.000	Syd
0075	Shld, CI II, 4 inch, Temp	3070181	82.000	Syd
0080	Geotextile, Stabilization	3080010	1,852.000	Syd
0085	Video Taping Sewer and Culv Pipe	4021275	1,300.000	Ft
0090	_ Sewer Special	4027001	50.000	Ft
0095	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0100	Dr Structure Cover, Adj, Case 2	4030006	9.000	Ea
0105	Dr Structure Cover, Type G	4030040	4.000	Ea
0110	Dr Structure, Adj, Add Depth	4030280	16.000	Ft
0115	HMA Surface, Rem	5010005	458.000	Syd
0120	HMA, Temp Pavt (3EML)	5012101	63.000	Ton
0125	HMA, Temp Pavt (4EML)	5012103	51.000	Ton
0130	HMA, Temp Pavt (5EML)	5012105	38.000	Ton
0135	Joint, Contraction, Cp	6020200	634.000	Ft

0140	Joint, Expansion, E2	6020207	96.000	Ft
0145	_ Curb and Gutter, Bridge Approach, Det 5, Modified	6027001	122.000	Ft
0150	_ Curb and Gutter, Conc, Det D1, Modified	6027001	639.000	Ft
0155	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	125.000	Syd
0160	_ Conc Pavt, Nonreinf, 9 Inch, Modified	6027011	1,053.000	Syd
0165	Joint, Expansion, Erg	6030021	23.000	Ft
0170	_ Video Inspection	7107051	1.000	LSUM
0175	_ Driveway, Nonreinf Conc, 7 inch, Modified	8017011	311.000	Syd
0180	_ Shld Gutter, Conc, Det 2, Modified	8027050	2.000	Ea
0185	_ Shld Gutter, Conc, Det 3, Modified	8027050	3.000	Ea
0190	_ Spillway, Conc, Modified	8027050	14.000	Ea
0195	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0200	Guardrail Reflector	8070080	16.000	Ea
0205	Post, Mailbox	8070095	5.000	Ea
0210	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	25.000	Ft
0215	_ Guardrail Anch, Bridge, Det M1, Curved, Modified	8077050	3.000	Ea
0220	_ Guardrail Anch, Bridge, Det M2, Curved, Modified	8077050	1.000	Ea
0225	_ Guardrail Departing Terminal, Type MGS, Curved, Modified	8077050	2.000	Ea
0230	_ Guardrail Departing Terminal, Type T, Curved, Modified	8077050	1.000	Ea
0235	Post, Steel, 3 pound	8100371	63.000	Ft
0240	Sign, Type III, Rem	8100403	4.000	Ea
0245	Sign, Type IIIA	8100404	9.000	Sft
0250	Sign, Type IIIB	8100405	12.000	Sft
0255	Sign, Type VB	8100425	8.000	Sft
0260	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0265	Ground Mtd Sign Support, Rem	8102010	5.000	Ea
0270	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	135.000	Ft
0275	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	12.000	Ft
0280	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	90.000	Ft
0285	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	90.000	Ft
0290	Recessing Pavt Mrkg, Longit	8110450	1,840.000	Ft
0295	Recessing Pavt Mrkg, Transv	8110451	24.000	Sft
0300	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	921.000	Ft
0305	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	750.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0325	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0330	Conc Barrier Ending, Temp, Det 5, Furn	8120061	4.000	Ea
0335	Conc Barrier Ending, Temp, Det 5, Oper	8120062	4.000	Ea
0340	Conc Barrier, Temp, Furn	8120081	100.000	Ft
0345	Conc Barrier, Temp, Oper	8120082	100.000	Ft

0350	Minor Traf Devices	8120170	1.000	LSUM
0355	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	800.000	Ft
0360	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0365	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0375	PTS System, Temp, Furn	8120270	1.000	Ea
0380	PTS System, Temp, Oper	8120271	1.000	Ea
0385	Sign Cover	8120310	20.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0395	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0405	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0415	_ Turf Establishment	8167011	2,200.000	Syd
0420	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0425	Sanitary Structure Cover, Adj, Case 1	8252145	1.000	Ea
0430	Sanitary Structure Cover, Adj, Case 2	8252146	4.000	Ea

Section: 2

0435	Structures, Rem (Str 6325 of 50000)	2040060	1.000	LSUM
0440	Backfill, Structure, CIP	2060002	243.000	Cyd
0445	Excavation, Fdn	2060010	436.000	Cyd
0450	_ Backfill, Structure, CIP Modified	2067021	30.000	Cyd
0455	Erosion Control, Filter Bag	2080014	2.000	Ea
0460	Erosion Control, Gravel Filter Berm	2080018	100.000	Ft
0465	Erosion Control, Turbidity Curtain, Deep	2080042	240.000	Ft
0470	Underdrain, Fdn, 4 inch	4040031	239.000	Ft
0475	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0480	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0485	Joint, Expansion, E3	6020208	63.000	Ft
0490	_ Slope Paving, Conc, Modified	6027011	31.000	Syd
0495	Steel Sheet Piling, Permanent	7040001	2,670.000	Sft
0500	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	935.000	Sft
0505	Pile Driving Equipment, Furn (Str 6325 of 50000)	7050002	1.000	LSUM
0510	Pile, Steel, Furn and Driven, 14 inch	7050034	3,660.000	Ft
0515	Test Pile, Steel, 14 inch	7050035	2.000	Ea
0520	Pile Point, Steel	7050039	52.000	Ea
0525	Pile, Steel, Splice	7050050	52.000	Ea
0530	Bridge Ltg, Furn and Rem (Str 6325 of 50000)	7060001	1.000	LSUM
0535	Bridge Ltg, Oper and Maintain	7060002	26.000	Cyd
0540	False Decking	7060060	3,200.000	Sft
0545	Reinforcement, Steel, Epoxy Coated	7060092	27,590.000	Lb
0550	Superstructure Conc, Form, Finish, and Cure (Str 6325 of 50000)	7060111	1.000	LSUM

0555	Superstructure Conc, Form, Finish, and Cure, Night Casting (Str 6325 of 50000)	7060112	1.000	LSUM
0560	Water Repellent Treatment, Penetrating	7060140	51.000	Syd
0565	Sealing Localized Cracks (Str 6325 of 50000)	7060220	1.000	LSUM
0570	_ Conc, Grade 3500, Subfooting, Modified	7067021	25.000	Cyd
0575	_ Substructure Conc, Modified	7067021	128.000	Cyd
0580	_ Superstructure Conc, Modified	7067021	11.000	Cyd
0585	_ Superstructure Conc, Night Casting, Modified	7067021	26.000	Cyd
0590	Bearing, Elastomeric, 1 1/2 inch	7070014	3,960.000	Sin
0595	Prest Conc Deck, 17 inch	7080002	1,401.000	Sft
0600	Post Tensioning (Str 6325 of 50000)	7080015	1.000	LSUM
0605	Joint Waterproofing	7100001	294.000	Sft
0610	_ Conc Surface Coating, Modified	7107051	1.000	LSUM
0615	_ Bridge Railing, 4 Tube, Modified	7117001	68.000	Ft
0620	Structures, Temp (Str 6325 of 50000)	7140001	1.000	LSUM
0625	Structures, Temp, Rem (Str 6325 of 50000)	7140002	1.000	LSUM
0630	_ Riprap, Plain, Modified	8137011	120.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 230602 009

Letting Date: June 2, 2023

Contract ID: 82121-216899

Description: 3.02 mi of hot mix asphalt cold milling and resurfacing, detail 7 joint repairs, concrete curb and gutter repairs, curb ramp upgrades, storm sewer replacement and pavement markings on M-5 from the Rouge River northerly to M-102 in the cities of Detroit, Livonia and Redford, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216899A	23A0544	N/A	NH 82121

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$578,300.00	1100001	1.000	LSUM
0010	Sewer, Rem, 24 inch to 48 inch	2030016	48.000	Ft
0015	Curb and Gutter, Rem	2040020	55.000	Ft
0020	Pavt, Rem	2040050	2,055.000	Syd
0025	Sidewalk, Rem	2040055	2,183.000	Syd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	232.000	Ea
0035	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0040	Project Cleanup	2090001	1.000	LSUM
0045	Aggregate Base, 4 inch	3020010	64.000	Syd
0050	Aggregate Base, 8 inch	3020020	116.000	Syd
0055	Sewer, CI E, 12 inch, Tr Det B	4020600	48.000	Ft
0060	Trench Undercut and Backfill	4021260	36.000	Cyd
0065	Video Taping Sewer and Culv Pipe	4021275	160.000	Ft
0070	Dr Structure Cover, Adj, Case 1, Modified	4030004	36.000	Ea
0075	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0080	Dr Structure Cover, Type B	4030010	1.000	Ea
0085	Dr Structure Cover, Type J	4030045	1.000	Ea
0090	Dr Structure Cover, Type R	4030070	1.000	Ea
0095	Dr Structure Lead, Cleaning, 12 inch	4030112	400.000	Ft
0100	Dr Structure, Cleaning	4030290	23.000	Ea
0105	Cold Milling HMA Surface	5010002	166,545.000	Syd
0110	Bump Grinding	5010004	900.000	Syd
0115	HMA Surface, Rem	5010005	4,171.000	Syd
0120	HMA Quality Initiative	5010007	39,900.000	Dlr
0125	Longit Joint Density Quality Initiative	5010018	50,633.000	Dlr
0130	Pavt Joint and Crack Repr, Det 7	5010020	52,430.000	Ft
0135	Hand Patching	5010025	3,525.000	Ton

0140	HMA Approach	5010061	3,797.000	Ton
0145	HMA, 5EML	5012037	12,628.000	Ton
0150	Joint, Contraction, Cp	6020200	46.000	Ft
0155	Joint, Contraction, Crg	6030020	96.000	Ft
0160	Lane Tie, Epoxy Anchored	6030030	3,162.000	Ea
0165	Pavt Repr, Rem	6030080	116.000	Syd
0170	Saw Cut, Intermediate	6030090	156.000	Ft
0175	_ Pavt Repr, Nonreinf Conc, 18 inch	6037011	107.000	Syd
0180	_ Bus Stop, Temp	8007050	9.000	Ea
0185	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
0190	_ Curb and Gutter, Conc, Det B1, Modified	8027001	20.000	Ft
0195	_ Curb and Gutter, Conc, Det F1, Modified	8027001	856.000	Ft
0200	_ Curb and Gutter, Conc, Det F3, Modified	8027001	156.000	Ft
0205	_ Curb and Gutter, Conc, Det F5, Modified	8027001	5,509.000	Ft
0210	Detectable Warning Surface	8030010	838.000	Ft
0215	Curb Ramp Opening, Conc	8030030	1,923.000	Ft
0220	Sidewalk, Conc, 4 inch	8030044	356.000	Sft
0225	Curb Ramp, Conc, 4 inch	8032001	18,563.000	Sft
0230	Fdn, Wood Support, Rem	8100280	2.000	Ea
0235	Post Hole Through Conc for Steel Post	8100340	7.000	Ea
0240	Post, Steel, 3 pound	8100371	110.000	Ft
0245	Post, Wood, 6 inch by 8 inch	8100382	32.000	Ft
0250	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0255	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0260	Sign, Type III, Rem	8100403	2.000	Ea
0265	Sign, Type IIIA	8100404	9.000	Sft
0270	Sign, Type IIIB	8100405	3.000	Sft
0275	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0280	Sign, Type III, Rem, Salv	8102003	8.000	Ea
0285	Ground Mtd Sign Support, Rem	8102010	7.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	470.000	Ft
0295	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	484.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	41.000	Ea
0305	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,393.000	Ft
0310	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	796.000	Ft
0315	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	29,657.000	Ft
0320	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,721.000	Ft
0325	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0330	Recessing Pavt Mrkg, Transv	8110451	4,868.000	Sft
0335	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	75.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	75.000	Ea
0345	Pedestrian Type II Barricade, Temp	8120026	60.000	Ea

0350	Pedestrian Type II Channelizer, Temp	8120027	720.000	Ft
0355	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0365	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0375	Ltg for Night Work	8120160	1.000	LSUM
0380	Minor Traf Devices	8120170	1.000	LSUM
0385	Part Width Intersection Construction	8120190	3.000	Ea
0390	Plastic Drum, Fluorescent, Furn	8120252	1,500.000	Ea
0395	Plastic Drum, Fluorescent, Oper	8120253	1,500.000	Ea
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	4,200.000	Ft
0405	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	40.000	Ea
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	2,400.000	Ft
0415	Sign Cover	8120310	12.000	Ea
0420	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0425	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	2,400.000	Sft
0435	Sign, Type B, Temp, Prismatic, Oper	8120351	2,400.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	160.000	Sft
0445	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	160.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0455	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	33,680.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	33,680.000	Ft
0465	Pedestrian Path, Temp	8122250	117.000	Ft
0470	Pedestrian Ramp, Temp	8122251	9.000	Ea
0475	_ Turf Establishment, Performance	8167011	2,741.000	Syd
0480	Hh, Adj	8182328	1.000	Ea
0485	TS Face, Bag	8200458	24.000	Ea
0490	TS Face, Bag, Rem	8200459	24.000	Ea
0495	Monument Box	8210001	1.000	Ea
0500	Monument Box Adj	8210005	1.000	Ea
0505	Monument Preservation	8210010	1.000	Ea
0510	Protect Corners	8210020	1.000	Ea
0515	Water Shutoff, Adj, Case 2	8230422	3.000	Ea
0520	Contractor Staking	8240001	1.000	LSUM
0525	Staking Plan Errors and Extras, Max \$180/hour	8240002	63.000	Hr



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 010**Letting Date:** June 2, 2023**Contract ID:** 53034-212764**Description:** Replacement of rest area sewage lift station on US-31NB at Ludington Rest Area, Mason County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212764A	23A0553	N/A	NH 53034

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$21,600.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0015	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	30.000	Ft
0025	Erosion Control, Silt Fence	2080036	200.000	Ft
0030	Project Cleanup	2090001	1.000	LSUM
0035	_ Sewage Pump Station	8007051	1.000	LSUM
0040	_ Sewage Pump Station, Rem	8007051	1.000	LSUM
0045	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0055	Minor Traf Devices	8120170	1.000	LSUM
0060	Plastic Drum, Fluorescent, Furn	8120252	35.000	Ea
0065	Plastic Drum, Fluorescent, Oper	8120253	35.000	Ea
0070	Sign Cover	8120310	3.000	Ea
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	62.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	62.000	Sft
0085	_ Turf Establishment, Performance	8167011	700.000	Syd
0090	Contractor Staking	8240001	1.000	LSUM
0095	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr
0100	Sanitary Sewer, PVC, 6 inch, Tr Det A2	8252024	10.000	Ft
0105	_ Sanitary Force Main, PVC, 4 inch, Tr Det A2	8257001	20.000	Ft



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 011**Letting Date:** June 2, 2023**Contract ID:** 52041-201941-2

Description: 0.18 mi of hot mix asphalt reconstruction for construction of a roundabout, drainage work, guardrail, retaining walls, lighting, signing, pavement markings, bridge widening with steel beams, deck replacement, bridge barrier construction and approach work on US-41/M-28 at Lakeshore Drive and Business M-28 in the city of Ishpeming, Marquette County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201941A	23A0153	N/A	HSIP 52041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Inspection and Flagging, Wisconsin Central Ltd	1047060	37,500.000	Dlr
0010	_ Railroad Protection, Wisconsin Central Ltd	1047060	10,000.000	Dlr
0015	Mobilization, Max \$524,000.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.010	Acre
0025	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0030	Dr Structure, Rem	2030011	3.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	271.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	63.000	Ft
0045	_ Abandoned Utility, Rem	2037001	1,000.000	Ft
0050	_ Monitoring Well, Abandon	2037050	1.000	Ea
0055	Curb and Gutter, Rem	2040020	903.000	Ft
0060	Fence, Rem	2040025	26.000	Ft
0065	Guardrail, Rem	2040035	723.000	Ft
0070	Sidewalk, Rem	2040055	118.000	Syd
0075	Exploratory Investigation, Vertical	2040080	200.000	Ft
0080	Embankment, CIP	2050010	1,066.000	Cyd
0085	Excavation, Earth	2050016	9,280.000	Cyd
0090	Flowable Fill, Non-Structural	2050148	2.000	Cyd
0095	_ Embankment, CIP, Clay, Spec	2057021	160.000	Cyd
0100	Aggregate	2060005	29.000	Cyd
0105	_ Backfill, Select, Spec	2067021	729.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	104.000	Ft
0115	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0120	Erosion Control, Inlet Protection, Sediment Trap	2080024	7.000	Ea
0125	Erosion Control, Maintenance, Sediment Rem	2080026	25.000	Cyd

0130	Erosion Control, Sand Bag	2080028	50.000	Ea
0135	Erosion Control, Sediment Trap	2080034	7.000	Ea
0140	Erosion Control, Silt Fence	2080036	285.000	Ft
0145	Subbase, CIP	3010002	4,207.000	Cyd
0150	Aggregate Base, 6 inch	3020016	9,061.000	Syd
0155	Aggregate Base, 9 inch	3020022	1,345.000	Syd
0160	Aggregate Base, 12 inch	3020030	30.000	Syd
0165	Aggregate Surface Cse, 6 inch	3060010	435.000	Syd
0170	Shld, CI II, 4 inch	3070126	353.000	Syd
0175	Geotextile, Separator	3080005	105.000	Syd
0180	Culv End Sect, 12 inch	4010012	1.000	Ea
0185	Culv End Sect, 15 inch	4010015	3.000	Ea
0190	Culv End Sect, 24 inch	4010024	2.000	Ea
0195	Culv End Sect, 30 inch	4010030	2.000	Ea
0200	Culv End Sect, 36 inch	4010036	1.000	Ea
0205	Culv End Sect, Footing	4010072	9.000	Ea
0210	Culv, CI F, 15 inch	4010608	8.000	Ft
0215	Culv, Slp End Sect, 1 on 4, 36 inch, Longit	4010929	1.000	Ea
0220	Dr Marker Post	4011109	4.000	Ea
0225	Outfall Label	4011115	4.000	Ea
0230	Sewer, CI A, 10 inch, Tr Det A	4020003	17.000	Ft
0235	Sewer, CI A, 15 inch, Tr Det A	4020005	16.000	Ft
0240	Sewer, CI A, 24 inch, Tr Det A	4020007	128.000	Ft
0245	Sewer, CI A, 30 inch, Tr Det A	4020008	24.000	Ft
0250	Sewer, CI A, 36 inch, Tr Det A	4020009	78.000	Ft
0255	Sewer, CI A, 12 inch, Tr Det B	4020033	313.000	Ft
0260	Sewer, CI A, 15 inch, Tr Det B	4020034	103.000	Ft
0265	Sewer, CI A, 30 inch, Tr Det B	4020037	244.000	Ft
0270	Sewer, CI A, 12 inch, Tr Det C	4020063	155.000	Ft
0275	Sewer, CI A, 15 inch, Tr Det C	4020064	33.000	Ft
0280	Sewer, CI E, 12 inch, Tr Det B	4020600	148.000	Ft
0285	Sewer, CI E, 15 inch, Tr Det B	4020601	230.000	Ft
0290	Sewer, CI E, 12 inch, Tr Det C	4020630	203.000	Ft
0295	Sewer Bulkhead, 15 inch	4021231	4.000	Ea
0300	Sewer Bulkhead, 30 inch	4021236	1.000	Ea
0305	Video Taping Sewer and Culv Pipe	4021275	1,462.000	Ft
0310	Dr Structure Cover, Adj, Case 2	4030006	11.000	Ea
0315	Dr Structure Cover, Type B	4030010	14.000	Ea
0320	Dr Structure Cover, Type G	4030040	1.000	Ea
0325	Dr Structure Cover, Type J	4030045	31.000	Ea
0330	Dr Structure Cover, Type Q	4030065	5.000	Ea
0335	Dr Structure, 24 inch dia	4030200	11.000	Ea
0340	Dr Structure, 48 inch dia	4030210	22.000	Ea
0345	Dr Structure, 60 inch dia	4030220	4.000	Ea
0350	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15	4030260	2.000	Ft

	foot			
0355	Dr Structure, Adj, Add Depth	4030280	8.000	Ft
0360	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0365	Underdrain, Subbase, 6 inch	4040063	2,663.000	Ft
0370	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0375	Video Inspection of Underdrain	4040200	2,683.000	Ft
0380	HMA Surface, Rem	5010005	11,198.000	Syd
0385	HMA Quality Initiative	5010007	6,566.000	Dlr
0390	Longit Joint Density Quality Initiative	5010018	2,405.000	Dlr
0395	HMA Approach	5010061	29.000	Ton
0400	HMA, 3EML	5012013	1,122.000	Ton
0405	HMA, 4EML, High Stress	5012073	1,959.000	Ton
0410	HMA, Temp Pavt (4EML)	5012103	173.000	Ton
0415	Joint, Contraction, Cp	6020200	130.000	Ft
0420	Joint, Expansion, E2	6020207	52.000	Ft
0425	Joint, Expansion, E3	6020208	119.000	Ft
0430	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	287.000	Syd
0435	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	363.000	Syd
0440	Lane Tie, Epoxy Anchored	6030030	652.000	Ea
0445	_ Segmental Wall, Leveling Pad	8007001	60.000	Ft
0450	_ Segmental Wall, Reinf, Furn	8007010	415.000	Sft
0455	_ Segmental Wall, Reinf, Install	8007010	415.000	Sft
0460	Curb, Conc, Det E1	8020001	206.000	Ft
0465	Curb and Gutter, Conc, Det B2	8020016	1,435.000	Ft
0470	_ Curb and Gutter, Conc, Det B1, Modified	8027001	190.000	Ft
0475	_ Curb and Gutter, Conc, Det B2, Modified	8027001	1,241.000	Ft
0480	_ Curb and Gutter, Conc, Det D2, Modified	8027001	292.000	Ft
0485	Detectable Warning Surface	8030010	299.000	Ft
0490	Curb Ramp Opening, Conc	8030030	126.000	Ft
0495	Curb Ramp, Conc, 6 inch	8032002	419.000	Sft
0500	_ Curb Ramp Opening, Conc, Modified	8037001	55.000	Ft
0505	_ Curb Ramp, Conc, 12 inch, Spec	8037010	336.000	Sft
0510	_ Curb Ramp, Conc, 9 inch	8037010	750.000	Sft
0515	_ Sidewalk, Conc, 12 inch, Colored, Spec	8037010	2,346.000	Sft
0520	_ Sidewalk, Conc, 6 inch, Colored	8037010	6,093.000	Sft
0525	_ Sidewalk, Conc, 9 inch	8037010	2,077.000	Sft
0530	_ Sidewalk, Conc, 9 inch, Colored	8037010	2,635.000	Sft
0535	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0540	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0545	Guardrail Reflector	8070080	27.000	Ea
0550	Guardrail, Reconst, Type B	8070105	88.000	Ft
0555	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0560	Guardrail Anch, Bridge, Det M4	8070133	1.000	Ea
0565	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	25.000	Ft
0570	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	50.000	Ft

0575	Guardrail, Type MGS-8, 72 inch Post	8072179	301.000	Ft
0580	Guardrail, Type MGS-8, 108 inch Post	8072180	150.000	Ft
0585	_ Hand Digging Guardrail Post	8077050	6.000	Ea
0590	Delineator Reflector, Green	8100133	6.000	Ea
0595	Fdn, Wood Support, Rem	8100280	17.000	Ea
0600	Installing MDOT Supplied Sign, Type III	8100302	1.000	Ea
0605	Post Hole Through Conc for Wood Post	8100341	19.000	Ea
0610	Delineator, Rem	8100349	10.000	Ea
0615	Post, Rigid, Delineator	8100361	6.000	Ea
0620	Post, Steel, 3 pound	8100371	536.000	Ft
0625	Post, Wood, 4 inch by 6 inch	8100380	432.000	Ft
0630	Post, Wood, 6 inch by 8 inch	8100382	144.000	Ft
0635	Sign, Type II, Rem	8100397	5.000	Ea
0640	Sign, Type IIA	8100398	33.000	Sft
0645	Sign, Type IIB	8100399	36.000	Sft
0650	Sign, Type III, Rem	8100403	55.000	Ea
0655	Sign, Type IIIA	8100404	51.000	Sft
0660	Sign, Type IIIB	8100405	444.000	Sft
0665	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0670	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0675	Ground Mtd Sign Support, Rem	8102010	28.000	Ea
0680	Pavt Mrkg, Polyurea, Yield	8110103	6.000	Ea
0685	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	220.000	Ft
0690	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	412.000	Ft
0695	Pavt Mrkg, Waterborne, 4 inch, White	8110231	866.000	Ft
0700	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,680.000	Ft
0705	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	8,285.000	Ft
0710	Pavt Mrkg, Waterborne, 12 inch, White	8110237	108.000	Ft
0715	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	866.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	9,680.000	Ft
0725	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	8,285.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	108.000	Ft
0735	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	295.000	Ft
0740	Rem Curing Compound, for Spec Mrkg	8110321	664.000	Sft
0745	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	2.000	Ea
0750	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	4.000	Ea
0755	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	2.000	Ea
0760	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0765	Recessing Pavt Mrkg, Longit	8110450	17,045.000	Ft
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	34.000	Ea
0775	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	34.000	Ea
0780	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea

0785	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0790	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0795	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0800	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0805	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0810	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0815	Conc Barrier, Temp, Adj	8120080	435.000	Ft
0820	Conc Barrier, Temp, Furn	8120081	435.000	Ft
0825	Conc Barrier, Temp, Oper	8120082	435.000	Ft
0830	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0835	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0840	Minor Traf Devices	8120170	1.000	LSUM
0845	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	9,200.000	Ft
0850	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	80.000	Ft
0855	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0860	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0865	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	140.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	184.000	Ft
0875	Sign Cover	8120310	20.000	Ea
0880	Sign, Type A, Temp, Prismatic, Furn	8120340	9.000	Sft
0885	Sign, Type A, Temp, Prismatic, Oper	8120341	9.000	Sft
0890	Sign, Type B, Temp, Prismatic, Furn	8120350	2,200.000	Sft
0895	Sign, Type B, Temp, Prismatic, Oper	8120351	2,200.000	Sft
0900	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0905	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0910	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	15,670.000	Ft
0915	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	22,360.000	Ft
0920	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	160.000	Ft
0925	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, Yellow	8122181	280.000	Ft
0930	Pedestrian Path, Temp	8122250	190.000	Ft
0935	Pedestrian Ramp, Temp	8122251	2.000	Ea
0940	Riprap, Heavy	8130005	77.000	Syd
0945	Riprap, Plain	8130010	708.000	Syd
0950	Site Preparation, Max \$13,700.00	8150001	1.000	LSUM
0955	Watering and Cultivating, First Season, Min \$6,700.00	8150002	1.000	LSUM
0960	Watering and Cultivating, 2nd Season, Min \$8,200.00	8150003	1.000	LSUM
0965	Juniperus chinensis 'Sea Green', #3 cont.	8151941	37.000	Ea
0970	Malus 'Prairie Fire', 1 3/4 inch	8152314	3.000	Ea
0975	_ Steel Landscape Edging, 4 inch	8157001	148.000	Ft
0980	_ Landscape Fabric	8157011	184.000	Syd
0985	_ Decorative Stone, Meramec Rock (Chestnut Brown)	8157021	31.000	Cyd

0990	Slope Restoration, Non-Freeway, Type A	8162001	3,076.000	Syd
0995	Slope Restoration, Non-Freeway, Type B	8162002	1,360.000	Syd
1000	Slope Restoration, Non-Freeway, Type C	8162003	1,726.000	Syd
1005	Conduit, Rem	8182000	15.000	Ft
1010	Conduit, DB, 1, 1/2 inch	8182046	470.000	Ft
1015	Conduit, DB, 2, 3 inch	8182053	10.000	Ft
1020	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
1025	Conduit, Schedule 80, 3 inch	8182148	886.000	Ft
1030	DB Cable, in Conduit, 600V, 1/C#8	8182188	2,585.000	Ft
1035	Cable, Sec, 600V, 1, 3/C#6	8182238	100.000	Ft
1040	Cable, Equipment Grounding Wire, 1/C#8	8182292	886.000	Ft
1045	Hh, Heavy Duty Cover	8182308	9.000	Ea
1050	Hh, Round	8182310	2.000	Ea
1055	Hh, Round, 3 foot dia	8182319	1.000	Ea
1060	Hh, Rem	8182330	3.000	Ea
1065	Metered Serv	8182338	1.000	Ea
1070	Metered Serv, Rem	8182339	1.000	Ea
1075	Wood Pole, Cl 4, 40 foot	8182351	4.000	Ea
1080	Wood Pole, Cl 4, 50 foot	8182353	2.000	Ea
1085	Wood Pole, Rem	8182363	7.000	Ea
1090	Serv Disconnect	8182366	1.000	Ea
1095	Serv Disconnect, Rem	8182367	2.000	Ea
1100	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
1105	Light Std Arm, 17 foot	8190270	13.000	Ea
1110	Light Std Fdn	8190279	7.000	Ea
1115	Light Std, Frangible Transformer Base	8190281	3.000	Ea
1120	Light Std Shaft, 30 foot or less, Single Arm	8190290	13.000	Ea
1125	_ Lighting Control Panel	8197050	1.000	Ea
1130	_ Luminaire, Ramp/Round-a-bout	8197050	13.000	Ea
1135	_ Utility, Elec	8197060	5,000.000	Dlr
1140	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	2.000	Ea
1145	Case Sign, Rem	8200020	7.000	Ea
1150	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
1155	Controller and Cabinet, Rem	8200030	3.000	Ea
1160	Controller Fdn, Base Mtd	8200045	1.000	Ea
1165	Controller Fdn, Rem	8200046	1.000	Ea
1170	Fdn, Rem	8200065	2.000	Ea
1175	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
1180	TS, Managed Field Ethernet Switch, Rem	8200087	1.000	Ea
1185	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1190	Pedestal Fdn, Rem	8200106	1.000	Ea
1195	Pushbutton and Sign	8200121	2.000	Ea
1200	Pushbutton, Rem	8200122	4.000	Ea
1205	Pushbutton, Pedestal, Rem	8200124	1.000	Ea
1210	Span Wire	8200140	5.000	Ea

1215	Span Wire, Rem	8200141	9.000	Ea
1220	Steel Pole, Rem	8200145	2.000	Ea
1225	TS, Bracket Arm Mtd, Rem	8200175	4.000	Ea
1230	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1235	TS, Span Wire Mtd, Rem	8200182	26.000	Ea
1240	Cabinet, NEMA Type	8200186	1.000	Ea
1245	TS, One Way Span Wire Mtd	8200190	2.000	Ea
1250	TS, Two Way Span Wire Mtd, Salv	8200201	1.000	Ea
1255	Warning Sign	8200260	1.000	Ea
1260	Warning Sign, Rem	8200261	1.000	Ea
1265	TS, One Way Span Wire Mtd (LED)	8200313	7.000	Ea
1270	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
1275	TS, Two Way Span Wire Mtd (LED)	8200322	5.000	Ea
1280	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
1285	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1290	TS, Two Way Bracket Arm Mtd (LED)	8200335	1.000	Ea
1295	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1300	Bracket, Truss, Rem	8200388	3.000	Ea
1305	Wireless Vehicle Sensor Node, Rem	8200426	12.000	Ea
1310	Hemispherical Video Detection Camera, Rem	8200446	1.000	Ea
1315	TS Face, Bag	8200458	17.000	Ea
1320	TS Face, Bag, Rem	8200459	17.000	Ea
1325	Backplate, TS, Rem	8200502	12.000	Ea
1330	Radar Vehicle Dilemma Zone Detector Sensor, Rem	8200524	2.000	Ea
1335	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
1340	Monument Box	8210001	1.000	Ea
1345	Monument Preservation	8210010	1.000	Ea
1350	Gate Valve and Box, 4 inch	8230050	1.000	Ea
1355	Water Serv, Long	8230245	1.000	Ea
1360	Gate Box, Adj, Case 2	8230432	2.000	Ea
1365	Contractor Staking	8240001	1.000	LSUM
1370	Staking Plan Errors and Extras, Max \$180/hour	8240002	57.000	Hr
1375	Sanitary Structure, Adj, Add Depth	8252140	5.000	Ft
1380	Sanitary Structure Cover, Adj, Case 2	8252146	5.000	Ea

Section: 2

1385	Backfill, Structure, CIP	2060002	420.000	Cyd
1390	Excavation, Fdn	2060010	930.000	Cyd
1395	Erosion Control, Filter Bag	2080014	6.000	Ea
1400	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
1405	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
1410	Erosion Control, Sediment Basin	2080032	5.000	Cyd
1415	Erosion Control, Silt Fence	2080036	350.000	Ft
1420	Erosion Control, Turbidity Curtain, Deep	2080042	295.000	Ft

1425	Aggregate Base	3020001	270.000	Ton
1430	Underdrain, Fdn, 4 inch	4040031	510.000	Ft
1435	Underdrain Outlet, 4 inch	4040091	45.000	Ft
1440	Underdrain, Outlet Ending, 4 inch	4040111	3.000	Ea
1445	_ Cofferdam, Left in Place, Spec (B04 of 52041)	7047051	1.000	LSUM
1450	Pile Driving Equipment, Furn (B04 of 52041)	7050002	1.000	LSUM
1455	Pile, Steel, Furn and Driven, 14 inch	7050034	930.000	Ft
1460	Test Pile, Steel, 14 inch	7050035	2.000	Ea
1465	Pile Point, Steel	7050039	20.000	Ea
1470	Pile, Steel, Splice	7050050	1.000	Ea
1475	Bridge Ltg, Furn and Rem (B04 of 52041)	7060001	1.000	LSUM
1480	Bridge Ltg, Oper and Maintain	7060002	185.000	Cyd
1485	Expansion Joint Device	7060050	177.000	Ft
1490	Expansion Joint Device, Cover Plate	7060051	41.000	Ft
1495	False Decking	7060060	4,300.000	Sft
1500	Reinforcement, Steel, Epoxy Coated	7060092	93,207.000	Lb
1505	Substructure Conc	7060100	195.000	Cyd
1510	Superstructure Conc	7060110	88.000	Cyd
1515	Superstructure Conc, Form, Finish, and Cure (B04 of 52041)	7060111	1.000	LSUM
1520	Superstructure Conc, Form, Finish, and Cure, Night Casting (B04 of 52041)	7060112	1.000	LSUM
1525	Superstructure Conc, Night Casting	7060113	185.000	Cyd
1530	Sealing Localized Cracks (B04 of 52041)	7060220	1.000	LSUM
1535	Conc, Grade 3500	7062001	118.000	Cyd
1540	Bearing, Elastomeric, 2 3/4 inch	7070019	1,568.000	Sin
1545	Structural Steel, Mixed, Erect	7070050	2,080.000	Lb
1550	Structural Steel, Mixed, Furn and Fab	7070051	2,080.000	Lb
1555	Structural Steel, Rolled Shape, Erect	7070070	12,490.000	Lb
1560	Structural Steel, Rolled Shape, Furn and Fab	7070071	12,490.000	Lb
1565	Joint Waterproofing	7100001	540.000	Sft
1570	Bridge Railing, Aesthetic Parapet Tube	7110005	335.000	Ft
1575	Structures, Rehabilitation, Rem Portions, Modified (B04 of 52041)	7120060	1.000	LSUM
1580	Shear Developer, Rem	7120061	1,911.000	Ea
1585	Shear Developer, Spec	7120062	2,550.000	Ea
1590	Embedded Galvanic Anode	7120120	820.000	Ea
1595	Beam Plate, Seal Perimeter	7130010	245.000	Ft
1600	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	870.000	Lb
1605	Field Repr of Damaged Coating (B04 of 52041)	7160001	1.000	LSUM
1610	Structure Survey During Construction (B04 of 52041)	8240020	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230602 012**Letting Date:** June 2, 2023**Contract ID:** 09032-209495**Description:** Traffic signal modernizations and sidewalk ramp upgrades on M-13 at 5 intersections, Bay County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209495A	23A0552	N/A	STG 09032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$123,800.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	690.000	Ft
0015	Pavt, Rem	2040050	94.000	Syd
0020	Sidewalk, Rem	2040055	386.000	Syd
0025	Exploratory Investigation, Vertical	2040080	150.000	Ft
0030	Embankment, CIP	2050010	17.000	Cyd
0035	Excavation, Earth	2050016	91.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0050	Erosion Control, Maintenance, Sediment Rem	2080026	11.000	Cyd
0055	Aggregate Base, 4 inch	3020010	748.000	Syd
0060	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0065	Dr Structure Cover, Type J	4030045	1.000	Ea
0070	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0075	HMA Surface, Rem	5010005	153.000	Syd
0080	Hand Patching	5010025	16.000	Ton
0085	Conc Base Cse, Nonreinf, 9 inch	6020021	75.000	Syd
0090	Lane Tie, Epoxy Anchored	6030030	859.000	Ea
0095	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8007051	1.000	LSUM
0100	Driveway, Nonreinf Conc, 6 inch	8010005	7.000	Syd
0105	Curb and Gutter, Conc, Det F3	8020037	339.000	Ft
0110	Detectable Warning Surface	8030010	227.000	Ft
0115	Curb Ramp Opening, Conc	8030030	351.000	Ft
0120	Curb Ramp, Conc, 4 inch	8032001	2,005.000	Sft
0125	Curb Ramp, Conc, 6 inch	8032002	2,295.000	Sft
0130	Pavt Mrkg, Polyurea, 4 inch, White	8110091	140.000	Ft
0135	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	95.000	Ft

0140	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,110.000	Ft
0145	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	540.000	Ft
0150	Rem Spec Mrkg	8110343	2,140.000	Sft
0155	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0160	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0165	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0175	Lighted Arrow, Type C, Furn	8120140	20.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	20.000	Ea
0185	Minor Traf Devices	8120170	1.000	LSUM
0190	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0195	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0200	Sign Cover	8120310	4.000	Ea
0205	Sign, Type A, Temp, Prismatic, Furn	8120340	80.000	Sft
0210	Sign, Type A, Temp, Prismatic, Oper	8120341	80.000	Sft
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	2,000.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	2,000.000	Sft
0225	Pedestrian Path, Temp	8122250	80.000	Ft
0230	Pedestrian Ramp, Temp	8122251	8.000	Ea
0235	Slope Restoration, Non-Freeway, Type A	8162001	207.000	Syd
0240	Power Company (Estimated Cost to Contractor)	8180001	5,000.000	Dlr
0245	Conduit, Rem	8182000	140.000	Ft
0250	Conduit, Directional Bore, 2, 3 inch	8182037	385.000	Ft
0255	Conduit, DB, 1, 1 1/2 inch	8182048	690.000	Ft
0260	Conduit, DB, 3, 3 inch	8182056	285.000	Ft
0265	Conduit, DB, 4, 3 inch	8182059	60.000	Ft
0270	Conduit, DB, 1, 1 inch	8182060	100.000	Ft
0275	Cable Pole, TS and Sec, Dismant	8182209	2.000	Ea
0280	Cable Pole, TS, Dismant	8182210	7.000	Ea
0285	Cable, Sec, 600V, 1, 3/C#6	8182238	825.000	Ft
0290	Hh, Polymer Conc	8182309	10.000	Ea
0295	Hh, Round	8182310	15.000	Ea
0300	Hh, Round, 3 foot dia	8182319	5.000	Ea
0305	Hh, Rem	8182330	7.000	Ea
0310	Wood Pole, Rem	8182363	1.000	Ea
0315	Serv Disconnect	8182366	5.000	Ea
0320	Serv Disconnect, Rem	8182367	4.000	Ea
0325	Case Sign, Rem	8200020	7.000	Ea
0330	Conduit Repr, Under Pavt	8200027	50.000	Ft
0335	Conduit Repr, Under Sidewalk or Earth	8200028	50.000	Ft
0340	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	8.000	Ea
0345	Controller and Cabinet, Rem	8200030	5.000	Ea
0350	Controller Fdn, Base Mtd	8200045	5.000	Ea
0355	Controller Fdn, Rem	8200046	1.000	Ea
0360	Fdn, Rem	8200065	8.000	Ea

0365	Pedestal, Alum	8200100	12.000	Ea
0370	Pedestal, Fdn	8200105	25.000	Ea
0375	Pedestal Fdn, Rem	8200106	3.000	Ea
0380	Pedestal, Rem	8200110	3.000	Ea
0385	Pushbutton and Sign	8200121	28.000	Ea
0390	Pushbutton, Rem	8200122	8.000	Ea
0395	Pushbutton, Pedestal, Alum	8200123	13.000	Ea
0400	Span Wire	8200140	18.000	Ea
0405	Span Wire, Rem	8200141	5.000	Ea
0410	Steel Pole, Rem	8200145	8.000	Ea
0415	Steel Pole, Rem (Embedded)	8200146	2.000	Ea
0420	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
0425	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	17.000	Ea
0430	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0435	TS, Span Wire Mtd, Rem	8200182	18.000	Ea
0440	Cabinet, NEMA Type	8200186	5.000	Ea
0445	TS, One Way Span Wire Mtd (LED)	8200313	36.000	Ea
0450	TS, One Way Span Wire Mtd, FYA (LED)	8200314	8.000	Ea
0455	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
0460	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	10.000	Ea
0465	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0470	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	8.000	Ea
0475	Wireless Intercn, Closed Loop, Salv	8200389	1.000	Ea
0480	Wireless Intercn, Closed Loop, Rem	8200396	1.000	Ea
0485	Strain Pole, Steel, 6 bolt, 30 foot	8200460	20.000	Ea
0490	Strain Pole Fdn, 6 Bolt	8200470	283.000	Ft
0495	Casing	8200480	93.000	Ft
0500	Backplate, TS	8200501	3.000	Ea
0505	Radar Vehicle Presence Stop-Bar Detector System	8200510	5.000	Ea
0510	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	16.000	Ea
0515	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0520	Lightning Protection, Pole	8260021	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230602 013

Letting Date: June 2, 2023

Contract ID: 50011-215324

Description: Traffic signal installation, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on M-53 (Van Dyke Avenue) at the Warren Fire Station north of 9 Mile Road in the city of Warren, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215324A	N/A	N/A	M 50011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$27,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	31.000	Ft
0015	Pavt, Rem	2040050	14.000	Syd
0020	Sidewalk, Rem	2040055	110.000	Syd
0025	Exploratory Investigation, Vertical	2040080	54.000	Ft
0030	Embankment, CIP	2050010	3.000	Cyd
0035	Excavation, Earth	2050016	15.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0050	Erosion Control, Maintenance, Sediment Rem	2080026	1.000	Cyd
0055	Aggregate Base, 6 inch	3020016	124.000	Syd
0060	Aggregate Base, 8 inch	3020020	9.000	Syd
0065	HMA Surface, Rem	5010005	6.000	Syd
0070	Hand Patching	5010025	1.000	Ton
0075	Conc Base Cse, Nonreinf, 9 inch	6020021	3.000	Syd
0080	Lane Tie, Epoxy Anchored	6030030	28.000	Ea
0085	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0090	Driveway, Nonreinf Conc, 6 inch	8010005	6.000	Syd
0095	Curb and Gutter, Conc, Det F3	8020037	20.000	Ft
0100	Driveway Opening, Conc, Det M	8020050	15.000	Ft
0105	Detectable Warning Surface	8030010	5.000	Ft
0110	Curb Ramp Opening, Conc	8030030	8.000	Ft
0115	Sidewalk, Conc, 4 inch	8030044	690.000	Sft
0120	Curb Ramp, Conc, 4 inch	8032001	240.000	Sft
0125	Curb Ramp, Conc, 6 inch	8032002	95.000	Sft
0130	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0135	Post, Steel, 3 pound	8100371	68.000	Ft

0140	Sign, Type IIIB	8100405	33.000	Sft
0145	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	160.000	Ft
0150	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	90.000	Ft
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0165	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0170	Pedestrian Type II Channelizer, Temp	8120027	20.000	Ft
0175	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0185	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	725.000	Ft
0195	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0205	Sign Cover	8120310	4.000	Ea
0210	Sign, Type A, Temp, Prismatic, Furn	8120340	25.000	Sft
0215	Sign, Type A, Temp, Prismatic, Oper	8120341	25.000	Sft
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	729.000	Sft
0225	Sign, Type B, Temp, Prismatic, Oper	8120351	729.000	Sft
0230	Pedestrian Path, Temp	8122250	20.000	Ft
0235	Pedestrian Ramp, Temp	8122251	2.000	Ea
0240	Slope Restoration, Non-Freeway, Type A	8162001	22.000	Syd
0245	Power Company (Estimated Cost to Contractor)	8180001	1,000.000	Dlr
0250	Conduit, Directional Bore, 1, 3 inch	8182035	110.000	Ft
0255	Conduit, DB, 1, 1 1/2 inch	8182048	95.000	Ft
0260	Conduit, DB, 1, 3 inch	8182050	80.000	Ft
0265	Conduit, DB, 3, 3 inch	8182056	50.000	Ft
0270	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0275	Conduit, DB, 1, 1 inch	8182060	20.000	Ft
0280	Cable, Sec, 600V, 1, 3/C#6	8182238	250.000	Ft
0285	Hh, Polymer Conc	8182309	2.000	Ea
0290	Hh, Round	8182310	6.000	Ea
0295	Hh, Round, 3 foot dia	8182319	1.000	Ea
0300	Serv Disconnect	8182366	1.000	Ea
0305	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
0310	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea
0315	Conduit Repr, Under Pavt	8200027	50.000	Ft
0320	Conduit Repr, Under Sidewalk or Earth	8200028	50.000	Ft
0325	Controller Fdn, Base Mtd	8200045	1.000	Ea
0330	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0335	Pedestal, Alum	8200100	2.000	Ea
0340	Pedestal, Fdn	8200105	3.000	Ea
0345	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
0350	Pushbutton and Sign	8200121	2.000	Ea

0355	Span Wire	8200140	3.000	Ea
0360	Span Wire Tether	8200142	3.000	Ea
0365	Cabinet, NEMA Type	8200186	1.000	Ea
0370	TS, Wireless Link, 5 Gigahertz, Remote	8200275	1.000	Ea
0375	TS, One Way Span Wire Mtd (LED)	8200313	7.000	Ea
0380	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0385	Bracket, Truss, with 18 foot Arm	8200378	1.000	Ea
0390	Junction Box, Span Wire	8200456	3.000	Ea
0395	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0400	Strain Pole Fdn, 6 Bolt	8200470	48.000	Ft
0405	Casing	8200480	8.000	Ft
0410	Wireless Interchn, Sign Mtd Flasher, Master	8200490	1.000	Ea
0415	Wireless Interchn, Sign Mtd Flasher, Remote	8200492	1.000	Ea
0420	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0425	Backplate, TS	8200501	7.000	Ea
0430	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0435	Contractor Staking	8240001	1.000	LSUM
0440	Staking Plan Errors and Extras, Max \$180/hour	8240002	3.000	Hr
0445	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0450	Lightning Protection, Pole	8260021	1.000	Ea



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Schedule of Pay Items

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Letting Call: 230602 014**Letting Date:** June 2, 2023**Contract ID:** 82211-210114

Description: Bridge reconstruction including superstructure replacements of 2 structures with rolled steel beams, pier cap replacements, abutment repairs and retrofit, traffic signal modernization, concrete curb, gutter and sidewalk ramps, guardrail replacement, signing and pavement markings on M-85 over Ecorse Creek in the cities of Lincoln Park and Detroit, Wayne County. This project includes a 2 year warranty on concrete surface coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210114A	23A0545	N/A	ST 82211
211955A	23A0548	N/A	STG 82211

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	2,930.000	Dlr
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0015	_ Relocation and Site Cleanup (B04 of 82211)	1077051	1.000	LSUM
0020	_ Relocation and Site Cleanup (B05 of 82211)	1077051	1.000	LSUM
0025	Critical Path Method Schedule	1080005	15,000.000	Dlr
0030	Mobilization, Max \$427,500.00	1100001	1.000	LSUM
0035	Clearing	2010001	0.100	Acre
0040	Dr Structure, Rem	2030011	1.000	Ea
0045	_ Abandon Utility, Rem	2037001	135.000	Ft
0050	Curb and Gutter, Rem	2040020	196.000	Ft
0055	Fence, Rem	2040025	37.000	Ft
0060	Pavt, Rem	2040050	1,400.000	Syd
0065	Sidewalk, Rem	2040055	405.000	Syd
0070	Exploratory Investigation, Vertical	2040080	300.000	Ft
0075	Embankment, CIP	2050010	464.000	Cyd
0080	Excavation, Earth	2050016	1,245.000	Cyd
0085	Non Haz Contaminated Material Handling and Disposal, LM	2050031	3,800.000	Cyd
0090	Subgrade Undercutting, Type IV	2050043	50.000	Cyd
0095	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0105	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0110	Erosion Control, Maintenance, Sediment Rem	2080026	25.000	Cyd
0115	Erosion Control, Silt Fence	2080036	1,360.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM

0125	Subbase, CIP	3010002	22.000	Cyd
0130	Aggregate Base, 4 inch	3020010	154.000	Syd
0135	Aggregate Base, 6 inch	3020016	159.000	Syd
0140	Open-Graded Dr Cse, 16 inch	3030016	1,390.000	Syd
0145	Geotextile, Separator	3080005	1,937.000	Syd
0150	Dr Marker Post	4011109	12.000	Ea
0155	Sewer, Cl A, 12 inch, Tr Det C	4020063	27.000	Ft
0160	Sewer Tap, 12 inch	4021204	1.000	Ea
0165	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0170	Dr Structure Cover, Type D	4030025	3.000	Ea
0175	Dr Structure Cover, Type K	4030050	1.000	Ea
0180	Dr Structure, 24 inch dia	4030200	1.000	Ea
0185	Dr Structure, 48 inch dia	4030210	1.000	Ea
0190	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0195	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0200	Underdrain, Pipe, Open-Graded, 6 inch	4040043	534.000	Ft
0205	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0210	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0215	Video Inspection of Underdrain	4040200	634.000	Ft
0220	HMA Surface, Rem	5010005	1,271.000	Syd
0225	Hand Patching	5010025	7.000	Ton
0230	Conc Pavt, Nonreinf, 8 inch, Temp	6020115	40.000	Syd
0235	Joint, Expansion, E2	6020207	344.000	Ft
0240	Joint, Expansion, E3	6020208	270.000	Ft
0245	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	585.000	Syd
0250	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	628.000	Syd
0255	Joint, Expansion, Erg	6030021	215.000	Ft
0260	Lane Tie, Epoxy Anchored	6030030	143.000	Ea
0265	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
0270	Driveway, Nonreinf Conc, 8 inch	8010007	30.000	Syd
0275	Curb, Conc, Det E1	8020001	39.000	Ft
0280	Curb, Conc, Det E2	8020002	14.000	Ft
0285	Curb and Gutter, Conc, Det F2	8020036	19.000	Ft
0290	Curb and Gutter, Conc, Det F6	8020040	80.000	Ft
0295	Driveway Opening, Conc, Det M	8020050	35.000	Ft
0300	_ Curb and Gutter, Conc, Det F5, Modified	8027001	310.000	Ft
0305	_ Curb, Conc, Det E1, Modified	8027001	84.000	Ft
0310	Detectable Warning Surface	8030010	71.000	Ft
0315	Curb Ramp Opening, Conc	8030030	80.000	Ft
0320	Sidewalk, Conc, 6 inch	8030046	1,470.000	Sft
0325	Curb Ramp, Conc, 6 inch	8032002	1,665.000	Sft
0330	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0335	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0340	Guardrail, Salv	8070075	369.000	Ft
0345	Guardrail Reflector	8070080	6.000	Ea

0350	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0355	Guardrail Anch, Bridge, Det M3	8070132	1.000	Ea
0360	Guardrail, Curved, Type B-CRT	8072154	38.000	Ft
0365	Fence, Chain Link, 48 inch	8080011	37.000	Ft
0370	Post, Steel, 3 pound	8100371	172.000	Ft
0375	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0380	Sign, Type III, Rem	8100403	6.000	Ea
0385	Sign, Type IIIA	8100404	39.000	Sft
0390	Sign, Type IIIB	8100405	18.000	Sft
0395	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0400	Sign, Type III, Rem, Salv	8102003	7.000	Ea
0405	Ground Mtd Sign Support, Rem	8102010	7.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0415	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,086.000	Ft
0420	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	360.000	Ft
0425	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	13,700.000	Ft
0430	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	460.000	Ft
0435	Rem Curing Compound, for Spec Mrkg	8110321	75.000	Sft
0440	Rem Spec Mrkg	8110343	78.000	Sft
0445	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0455	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0460	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0465	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0470	Conc Barrier Ending, Temp, Det 2, Adj	8120040	3.000	Ea
0475	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0480	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0485	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	4.000	Ea
0490	Conc Barrier Reflector Replacement	8120070	40.000	Ea
0495	Conc Barrier, Temp, Adj	8120080	530.000	Ft
0500	Conc Barrier, Temp, Furn	8120081	680.000	Ft
0505	Conc Barrier, Temp, Oper	8120082	680.000	Ft
0510	Conc Barrier, Temp, Relocated	8120083	1,360.000	Ft
0515	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	15.000	Ea
0520	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0525	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0530	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0535	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0540	Ltg for Night Work	8120160	1.000	LSUM
0545	Minor Traf Devices	8120170	1.000	LSUM
0550	Mobile Attenuator	8120180	2.000	Ea
0555	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,500.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120245	250.000	Ft

	White, Temp			
0565	Plastic Drum, Fluorescent, Furn	8120252	257.000	Ea
0570	Plastic Drum, Fluorescent, Oper	8120253	257.000	Ea
0575	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	200.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0585	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	200.000	Ft
0590	Sign Cover	8120310	20.000	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 A, Temp, Prismatic, Furn	8120340	100.000	Sft
0610	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0615	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0625	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0630	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0635	Traf Regulator Control	8120370	1.000	LSUM
0640	Conc Barrier, Temp, Limited Deflection, Det 4A, Furn	8121300	63.000	Ft
0645	Conc Barrier, Temp, Limited Deflection, Det 4A, Oper	8121301	63.000	Ft
0650	Conc Barrier, Temp, Limited Deflection, Det 4A, Relocated	8121303	126.000	Ft
0655	Conc Barrier, Temp, Limited Deflection, Det 4B, Furn	8121320	100.000	Ft
0660	Conc Barrier, Temp, Limited Deflection, Det 4B, Oper	8121321	100.000	Ft
0665	Conc Barrier, Temp, Limited Deflection, Det 4B, Relocated	8121323	200.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	5,220.000	Ft
0675	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	4,640.000	Ft
0680	Slope Restoration, Non-Freeway, Type A	8162001	102.000	Syd
0685	Slope Restoration, Non-Freeway, Type F	8162006	1,452.000	Syd
0690	Conduit, Rem	8182000	290.000	Ft
0695	Conduit, Directional Bore, 3, 3 inch	8182039	90.000	Ft
0700	Conduit, DB, 1, 1 1/2 inch	8182048	260.000	Ft
0705	Conduit, DB, 3, 3 inch	8182056	100.000	Ft
0710	Conduit, DB, 4, 3 inch	8182059	12.000	Ft
0715	Conduit, DB, 1, 1 inch	8182060	25.000	Ft
0720	Cable Pole, Sec, Disman	8182206	1.000	Ea
0725	Cable Pole, TS, Disman	8182210	1.000	Ea
0730	Cable, Sec, 600V, 1, 3/C#6	8182238	250.000	Ft
0735	Hh, Polymer Conc	8182309	2.000	Ea
0740	Hh, Round	8182310	8.000	Ea
0745	Hh, Round, 3 foot dia	8182319	1.000	Ea
0750	Hh, Rem	8182330	8.000	Ea
0755	Wood Pole, Rem	8182363	1.000	Ea

0760	Serv Disconnect	8182366	1.000	Ea
0765	Serv Disconnect, Rem	8182367	1.000	Ea
0770	Light Std Fdn, Rem	8190280	1.000	Ea
0775	Case Sign, Rem	8200020	5.000	Ea
0780	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	11.000	Ea
0785	Controller and Cabinet, Rem	8200030	1.000	Ea
0790	Controller Fdn, Base Mtd	8200045	1.000	Ea
0795	Controller Fdn, Rem	8200046	1.000	Ea
0800	Global Positioning System Module	8200050	1.000	Ea
0805	Fdn, Rem	8200065	2.000	Ea
0810	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0815	Pedestal, Alum	8200100	5.000	Ea
0820	Pedestal, Fdn	8200105	7.000	Ea
0825	Pedestal Fdn, Rem	8200106	4.000	Ea
0830	Pedestal, Rem	8200110	4.000	Ea
0835	Pedestal, Pushbutton, Alum	8200118	2.000	Ea
0840	Pushbutton and Sign	8200121	12.000	Ea
0845	Span Wire	8200140	8.000	Ea
0850	Span Wire, Rem	8200141	2.000	Ea
0855	Span Wire Tether	8200142	7.000	Ea
0860	Steel Pole, Rem	8200145	2.000	Ea
0865	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0870	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
0875	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0880	Cabinet, NEMA Type	8200186	1.000	Ea
0885	TS, One Way Span Wire Mtd (LED)	8200313	21.000	Ea
0890	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0895	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
0900	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	5.000	Ea
0905	TS, Antenna, Rem	8200368	1.000	Ea
0910	Junction Box, Span Wire	8200456	7.000	Ea
0915	Junction Box, Rem	8200457	2.000	Ea
0920	TS Face, Bag	8200458	12.000	Ea
0925	TS Face, Bag, Rem	8200459	12.000	Ea
0930	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0935	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
0940	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
0945	Strain Pole Fdn, 6 Bolt	8200470	151.000	Ft
0950	Casing	8200480	119.000	Ft
0955	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0960	Backplate, TS	8200501	21.000	Ea
0965	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0970	Monument Box Adj	8210005	1.000	Ea

0975	Contractor Staking	8240001	1.000	LSUM
0980	Staking Plan Errors and Extras, Max \$180/hour	8240002	44.000	Hr
0985	Sanitary Structure Cover, Adj, Case 1	8252145	3.000	Ea
0990	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0995	Lightning Protection, Pole	8260021	1.000	Ea

Section: 2

1000	Asbestos Materials, Rem and Disposal	2040001	41,560.000	Dlr
1005	Structures, Rem Portions (B04 of 82211)	2040061	1.000	LSUM
1010	Structures, Rem Portions (B05 of 82211)	2040061	1.000	LSUM
1015	Excavation, Channel	2050015	1,090.000	Cyd
1020	Backfill, Structure, CIP	2060002	980.000	Cyd
1025	Excavation, Fdn	2060010	1,740.000	Cyd
1030	_ Fill, Low Density Cellular Conc, Class II	2067021	414.000	Cyd
1035	Erosion Control, Filter Bag	2080014	4.000	Ea
1040	Erosion Control, Gravel Filter Berm	2080018	360.000	Ft
1045	Erosion Control, Turbidity Curtain, Deep	2080042	800.000	Ft
1050	Underdrain, Fdn, 4 inch	4040031	250.000	Ft
1055	Underdrain Outlet, 4 inch	4040091	148.000	Ft
1060	Underdrain, Outlet Ending, 4 inch	4040111	7.000	Ea
1065	_ Steel Sheet Piling, Temp, Spec	7047010	500.000	Sft
1070	Bridge Ltg, Furn and Rem (B04 of 82211)	7060001	1.000	LSUM
1075	Bridge Ltg, Furn and Rem (B05 of 82211)	7060001	1.000	LSUM
1080	Bridge Ltg, Oper and Maintain	7060002	175.000	Cyd
1085	False Decking	7060060	7,900.000	Sft
1090	Reinforcement, Steel, Epoxy Coated	7060092	5,316.000	Lb
1095	Substructure Conc, High Performance	7060101	72.000	Cyd
1100	Superstructure Conc, Form, Finish, and Cure (B04 of 82211)	7060111	1.000	LSUM
1105	Superstructure Conc, Form, Finish, and Cure (B05 of 82211)	7060111	1.000	LSUM
1110	Superstructure Conc, Form, Finish, and Cure, Night Casting (B04 of 82211)	7060112	1.000	LSUM
1115	Superstructure Conc, Form, Finish, and Cure, Night Casting (B05 of 82211)	7060112	1.000	LSUM
1120	Superstructure Conc, High Performance	7060116	84.000	Cyd
1125	Superstructure Conc, Night Casting, High Performance	7060117	175.000	Cyd
1130	Water Repellent Treatment, Penetrating	7060140	223.000	Syd
1135	Sealing Localized Cracks (B04 of 82211)	7060220	1.000	LSUM
1140	Sealing Localized Cracks (B05 of 82211)	7060220	1.000	LSUM
1145	_ Reinforcement, Steel, Low Carbon Chromium	7067030	56,790.000	Lb
1150	_ Reinforcement, Mechanical Splice, Low Carbon Chromium	7067050	42.000	Ea
1155	_ Outside Screed Rail Support System (B04 of 82211)	7067051	1.000	LSUM
1160	_ Outside Screed Rail Support System (B05 of 82211)	7067051	1.000	LSUM
1165	Bearing, Elastomeric, 1 1/2 inch	7070014	4,752.000	Sin

1170	Bearing, Elastomeric, 2 1/2 inch	7070018	7,038.000	Sin
1175	Shear Developers (B04 of 82211)	7070040	1.000	LSUM
1180	Shear Developers (B05 of 82211)	7070040	1.000	LSUM
1185	Structural Steel, Rolled Shape, Erect	7070070	152,500.000	Lb
1190	Structural Steel, Rolled Shape, Furn and Fab	7070071	152,500.000	Lb
1195	Joint Waterproofing	7100001	1,164.000	Sft
1200	Joint Waterproofing, Expansion	7100003	438.000	Sft
1205	Conc Surface Coating, Warranty (B04 of 82211)	7100009	1.000	LSUM
1210	Conc Surface Coating, Warranty (B05 of 82211)	7100009	1.000	LSUM
1215	Substructure Horizontal Surface Sealer (B04 of 82211)	7100030	15.000	Syd
1220	Substructure Horizontal Surface Sealer (B05 of 82211)	7100030	16.000	Syd
1225	_ Silane Treatment	7107010	644.000	Sft
1230	Bridge Railing, 4 Tube	7110010	176.000	Ft
1235	Hand Chipping, Other Than Deck	7120007	20.000	Cft
1240	Patch, Forming	7120017	40.000	Sft
1245	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	47.000	Ea
1250	Reinforcement, Mechanical Splice	7120084	77.000	Ea
1255	Patching Conc, C-L	7120112	2.000	Cyd
1260	Embedded Galvanic Anode	7120120	311.000	Ea
1265	Field Repr of Damaged Coating (B04 of 82211)	7160001	1.000	LSUM
1270	Field Repr of Damaged Coating (B05 of 82211)	7160001	1.000	LSUM
1275	_ Geotextile Retaining Wall	8007011	58.000	Syd
1280	_ Riprap, Spec, Class I	8137031	4.000	Ton
1285	_ Riprap, Spec, Class II	8137031	2,250.000	Ton
1290	_ Conduit, Schedule 80, 6 inch	8187001	10.000	Ft
1295	Structure Survey During Construction (B04 of 82211)	8240020	1.000	LSUM
1300	Structure Survey During Construction (B05 of 82211)	8240020	1.000	LSUM



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 015**Letting Date:** June 2, 2023**Contract ID:** 41131-201942

Description: 11.60 mi of dynamic signing, detection and related infrastructure for a queue warning system on US-131 northbound from 44th Street to West River Drive and US-131 southbound from Post Drive to Wealthy Street in the cities of Grand Rapids, Wyoming and Walker, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201942A	23A0547	N/A	HSIP 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$166,000.00	1100001	1.000	LSUM
0010	Exploratory Investigation, Vertical	2040080	2,000.000	Ft
0015	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0020	Erosion Control, Silt Fence	2080036	5,000.000	Ft
0025	_ Cabinet Entry, Through Metal	8007050	8.000	Ea
0030	_ Dynamic Blank-Out Sign, 48 inch by 48 inch	8007050	15.000	Ea
0035	_ ITS Cabinet, Ground Mtd	8007050	4.000	Ea
0040	_ ITS Cabinet, Pole Mtd	8007050	5.000	Ea
0045	_ Managed Field Ethernet Switch, Layer 2, Modified	8007050	12.000	Ea
0050	_ Power Distribution Unit	8007050	12.000	Ea
0055	_ Rack-Mtd Step-Down Transformer, 5kV AMP	8007050	1.000	Ea
0060	_ Rack-Mtd Step-Up Transformer, 5kV AMP	8007050	1.000	Ea
0065	_ Underground Splice Enclosure	8007050	10.000	Ea
0070	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0075	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0080	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0085	Guardrail Reflector	8070080	15.000	Ea
0090	Guardrail, Type MGS-8, 72 inch Post	8072179	475.000	Ft
0095	Column, Breakaway, W8 x 18	8100121	4.000	Ea
0100	Fdn, Breakaway, W8 x 18	8100161	4.000	Ea
0105	Post, Wood, 6 inch by 8 inch	8100382	468.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0130	Minor Traf Devices	8120170	1.000	LSUM
0135	Mobile Attenuator	8120180	1.000	Ea
0140	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0145	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0150	Sign Cover	8120310	300.000	Ea
0155	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0160	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0175	Conc Barrier-Mtd Temp Sign System, Furn	8122192	10.000	Ea
0180	Conc Barrier-Mtd Temp Sign System, Oper	8122193	10.000	Ea
0185	Slope Restoration, Freeway, Type A	8162013	2,545.000	Syd
0190	Slope Restoration, Freeway, Type B	8162014	3,940.000	Syd
0195	Slope Restoration, Freeway, Type C	8162015	1,550.000	Syd
0200	Power Company (Estimated Cost to Contractor)	8180001	36,987.000	Dlr
0205	Conduit, Directional Bore, 1, 3 inch	8182035	1,265.000	Ft
0210	Conduit, Directional Bore, 2, 3 inch	8182037	815.000	Ft
0215	Conduit, DB, 1, 3 inch	8182050	5,610.000	Ft
0220	Conduit, DB, 2, 3 inch	8182053	1,570.000	Ft
0225	Conduit, DB, 3, 3 inch	8182056	230.000	Ft
0230	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0235	DB Cable, in Conduit, 600V, 1/C#1/0	8182181	2,775.000	Ft
0240	DB Cable, in Conduit, 600V, 1/C#2	8182182	11,700.000	Ft
0245	DB Cable, in Conduit, 600V, 1/C#4	8182185	1,350.000	Ft
0250	DB Cable, in Conduit, 600V, 1/C#6	8182187	1,275.000	Ft
0255	Cable, Equipment Grounding Wire, 1/C#1/0	8182286	925.000	Ft
0260	Cable, Equipment Grounding Wire, 1/C#2	8182288	3,900.000	Ft
0265	Cable, Equipment Grounding Wire, 1/C#4	8182290	450.000	Ft
0270	Cable, Equipment Grounding Wire, 1/C#6	8182291	425.000	Ft
0275	Hh, Round, 3 foot dia	8182319	7.000	Ea
0280	Wood Pole	8182347	3.000	Ea
0285	Serv Disconnect	8182366	1.000	Ea
0290	Wood Pole, Fit Up, Sec Serv Pole	8182382	3.000	Ea
0295	Wood Pole, Fit Up, TS Cable Pole	8182387	3.000	Ea
0300	_ DB Cable, in Conduit, 600V, 3-1/C#12	8187001	885.000	Ft
0305	_ DB Cable, in Conduit, 600V, 3-1/C#14	8187001	320.000	Ft
0310	_ DB Cable, in Conduit, 600V, 3-1/C#6	8187001	1,905.000	Ft
0315	_ DB Cable, in Conduit, 600V, 3-1/C#8	8187001	1,350.000	Ft
0320	_ Hh, Round, Elec	8187050	46.000	Ea
0325	Light Std Fdn	8190279	6.000	Ea
0330	Light Std, Frangible Transformer Base	8190281	6.000	Ea
0335	Light Std Shaft, 30 foot or less	8190285	6.000	Ea
0340	Contractor Staking	8240001	1.000	LSUM
0345	Staking Plan Errors and Extras, Max \$180/hour	8240002	12.000	Hr
0350	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM

0355	Lightning Protection, Pole	8260021	6.000	Ea
0360	Microwave Vehicle Detection System	8260040	7.000	Ea
0365	Fiber Optic, Cable, Single Mode Fiber, 12 Strand	8260047	3,540.000	Ft
0370	Fiber Optic, Hardware Assembly, Small	8260065	11.000	Ea
0375	Fiber Optic, Marker, Above Ground	8260069	7.000	Ea
0380	Tracer Wire	8260070	1,790.000	Ft
0385	Fiber Optic, Pigtail	8260071	144.000	Ea
0390	Fiber Optic, Jumper	8260072	92.000	Ea
0395	Power Serv, Underground, 30AMP, 120/240V	8260100	4.000	Ea
0400	Power Serv, Underground, 60AMP, 120/240V	8260101	1.000	Ea
0405	Power Serv, Overhead, 30AMP, 120/240V	8260104	3.000	Ea
0410	Elec Rack	8260110	1.000	Ea
0415	Power Serv, Refurbish, 30AMP, 120/240V	8260111	2.000	Ea
0420	System Integration and Testing	8260160	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230602 016**Letting Date:** June 2, 2023**Contract ID:** 82000-205923B1**Description:** Demolition and removal of residential buildings, outbuildings, miscellaneous debris, fencing and restoration at 10 parcels at the proposed Bacon Street Rail Spur in the city of Detroit, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205923B1	N/A	N/A	MX 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$47,600.00	1100001	1.000	LSUM
0010	_ Building and Property Improvements Rem, Outbuilding, Small	2027050	5.000	Ea
0015	_ Building and Property Improvements Rem, Residential, Large	2027050	1.000	Ea
0020	_ Building and Property Improvements Rem, Residential, Medium	2027050	6.000	Ea
0025	Asbestos Materials, Rem and Disposal	2040001	210,000.000	Dlr
0030	Fence, Rem	2040025	355.000	Ft
0035	Exploratory Investigation, Vertical	2040080	10.000	Ft
0040	_ Misc Debris, Rem, LM	2047021	100.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0055	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0065	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	44.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	44.000	Sft



4/27/2023 7:34 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 017**Letting Date:** June 2, 2023**Contract ID:** 63053-218441

Description: 22.68 mi of catch basin repairs on I-75 from Giddings Road to South Boulevard, M-5 from Pontiac Trail to 12 Mile Road and US-24 (Dixie Highway) from Big Lake to Telegraph Road in the cities of Novi and Auburn Hills, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218441A	N/A	N/A	M 63053

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$64,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	275.000	Ft
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	101.000	Ea
0020	Erosion Control, Inlet Protection, Sediment Trap	2080024	10.000	Ea
0025	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0030	Dr Structure Cover, Type B	4030010	10.000	Ea
0035	Dr Structure Cover, Type C	4030015	35.000	Ea
0040	Dr Structure Cover, Type D	4030025	5.000	Ea
0045	Dr Structure Cover, Type J	4030045	1.000	Ea
0050	Dr Structure Cover, Type K	4030050	35.000	Ea
0055	Dr Structure Cover, Type VG	4030090	25.000	Ea
0060	Dr Structure, Cleaning	4030290	160.000	Ea
0065	_ Dr Structure Repr, Add Depth, Composite Pavt	4037001	75.000	Ft
0070	_ Dr Structure Repr, Composite Pavt	4037050	160.000	Ea
0075	_ Dr Structure, Hardened Debris, Rem	4037050	60.000	Ea
0080	Crack Sealing, Conc Pavt	6030010	6,000.000	Ft
0085	Pavt Repr, Nonreinf Conc, 9 inch	6030046	325.000	Syd
0090	Pavt Repr, Rem	6030080	325.000	Syd
0095	Curb and Gutter, Conc, Det B3	8020017	15.000	Ft
0100	Curb and Gutter, Conc, Det D3	8020032	132.000	Ft
0105	Curb and Gutter, Conc, Det F2	8020036	132.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0120	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Mobile Attenuator	8120180	2.000	Ea
0145	Plastic Drum, Fluorescent, Furn	8120252	510.000	Ea
0150	Plastic Drum, Fluorescent, Oper	8120253	510.000	Ea
0155	Sign Cover	8120310	8.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0165	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	1,068.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	1,068.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	Slope Restoration, Non-Freeway, Type B	8162002	100.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 230602 018

Letting Date: June 2, 2023

Contract ID: 11016-131843

Description: 8.45 mi of hot mix asphalt roadway reconstruction, cold milling and resurfacing, reconstruction of 4 bridges, rehabilitation of 9 bridges and pavement markings on I-94 from Puetz Road to Britain Avenue, Berrien County. This project includes three 5 year materials and workmanship pavement warranties, one 2 year concrete surface coating warranty, one 5 year bridge deck overlay performance warranty, and one 2 year bridge coating warranty. This project is an Alternate Pavement Bid project. Alternate 1 (Section 2) is an HMA Alternative and includes a 5 year materials and workmanship pavement warranty. Alternate 2 (Section 3) is a Concrete Alternative and includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131843A	23A0516	N/A	IM 11016
132824A	23A0515	N/A	M 11015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	1,681.000	Dlr
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0015	Dispute Review Board, Progress Meeting	1040050	56,000.000	Dlr
0020	_ Interim Completion Incentive, 2024 Construction	1047060	500,000.000	Dlr
0025	_ Interim Completion Incentive, 2025 Construction	1047060	500,000.000	Dlr
0030	_ Interim Completion Incentive, 2026 Construction	1047060	500,000.000	Dlr
0035	Critical Path Method Schedule	1080005	15,000.000	Dlr
0040	Mobilization, Max \$16,458,000.00	1100001	1.000	LSUM
0045	Clearing	2010001	7.270	Acre
0050	Clearing, Fence	2010002	100.000	Sta
0055	Tree, Rem, 19 inch to 36 inch	2020002	26.000	Ea
0060	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0065	Tree, Rem, 6 inch to 18 inch	2020004	178.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	69.000	Ea
0075	Culv, Rem, 24 inch to 48 inch	2030002	17.000	Ea
0080	Culv, Rem, Over 48 inch	2030003	4.000	Ea
0085	Culv, End, Rem, Less than 24 inch	2030005	65.000	Ea
0090	Culv, End, Rem, 24 inch to 48 inch	2030006	10.000	Ea
0095	Culv, End, Rem, Over 48 inch	2030007	8.000	Ea
0100	Dr Structure, Rem	2030011	117.000	Ea
0105	Sewer, Rem, Less than 24 inch	2030015	13,474.000	Ft
0110	Sewer, Rem, 24 inch to 48 inch	2030016	788.000	Ft
0115	Sewer, Rem, Over 48 inch	2030017	520.000	Ft

0120	_ Monitoring Well, Adjust	2037050	26.000	Ea
0125	Conc Barrier, Rem	2040010	2,737.000	Ft
0130	Curb and Gutter, Rem	2040020	9,914.000	Ft
0135	Fence, Rem	2040025	10,000.000	Ft
0140	Guardrail, Rem	2040035	29,657.000	Ft
0145	Masonry and Conc Structure, Rem	2040045	210.000	Cyd
0150	Pavt, Rem	2040050	412,515.000	Syd
0155	Sidewalk, Rem	2040055	152.000	Syd
0160	Exploratory Investigation, Vertical	2040080	400.000	Ft
0165	_ Rem Misc Site Items	2047051	1.000	LSUM
0170	Embankment, CIP	2050010	27,671.000	Cyd
0175	Excavation, Earth	2050016	11,475.000	Cyd
0180	_ Embankment, CIP, Clay, Spec	2057021	228.000	Cyd
0185	Erosion Control, Check Dam, Stone	2080012	6,474.000	Ft
0190	Erosion Control, Filter Bag	2080014	18.000	Ea
0195	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0200	Erosion Control, Gravel Filter Berm	2080018	760.000	Ft
0205	Erosion Control, Inlet Protection, Fabric Drop	2080020	191.000	Ea
0210	Erosion Control, Inlet Protection, Sediment Trap	2080024	140.000	Ea
0215	Erosion Control, Maintenance, Sediment Rem	2080026	385.000	Cyd
0220	Erosion Control, Sand Bag	2080028	1,289.000	Ea
0225	Erosion Control, Sediment Basin	2080032	120.000	Cyd
0230	Erosion Control, Sediment Trap	2080034	560.000	Ea
0235	Erosion Control, Silt Fence	2080036	9,641.000	Ft
0240	_ Permeable Runoff Structure	2087001	1,842.000	Ft
0245	Project Cleanup	2090001	1.000	LSUM
0250	Subbase, CIP	3010002	16,325.000	Cyd
0255	Aggregate Base, LM	3020002	2,116.000	Cyd
0260	Aggregate Base, 4 inch	3020010	1,481.000	Syd
0265	Aggregate Base, 6 inch	3020016	49,513.000	Syd
0270	Shld, CI II	3070121	630.000	Ton
0275	Shld, CI II, 6 inch	3070128	14,235.000	Syd
0280	Shld, CI II, 7 inch	3070129	440.000	Syd
0285	Shld, CI II, 8 inch	3070130	1,706.000	Syd
0290	Shld, CI II, 6 inch, Temp	3070183	943.000	Syd
0295	Culv End Sect, 12 inch	4010012	53.000	Ea
0300	Culv End Sect, 15 inch	4010015	1.000	Ea
0305	Culv End Sect, 18 inch	4010018	5.000	Ea
0310	Culv End Sect, 24 inch	4010024	17.000	Ea
0315	Culv End Sect, 30 inch	4010030	8.000	Ea
0320	Culv End Sect, 36 inch	4010036	6.000	Ea
0325	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0330	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0335	Culv End Sect, Conc, 42 inch	4010054	5.000	Ea
0340	Culv End Sect, Conc, 48 inch	4010055	6.000	Ea

0345	Culv End Sect, Conc, 54 inch	4010056	2.000	Ea
0350	Culv End Sect, Footing	4010072	67.000	Ea
0355	Culv, CI A, 12 inch	4010131	603.000	Ft
0360	Culv, CI A, 15 inch	4010132	72.000	Ft
0365	Culv, CI A, 18 inch	4010133	42.000	Ft
0370	Culv, CI A, 24 inch	4010134	461.000	Ft
0375	Culv, CI A, 30 inch	4010135	256.000	Ft
0380	Culv, CI A, 36 inch	4010136	136.000	Ft
0385	Culv, CI A, 42 inch	4010137	104.000	Ft
0390	Culv, CI A, 48 inch	4010138	274.000	Ft
0395	Culv, CI A, 54 inch	4010139	216.000	Ft
0400	Culv, CI A, Conc, 24 inch	4010168	217.000	Ft
0405	Culv, CI E, 24 inch	4010542	141.000	Ft
0410	Culv, CI E, 30 inch	4010543	252.000	Ft
0415	Culv, CI E, Conc, 24 inch	4010576	98.000	Ft
0420	Culv, CI F, 15 inch	4010608	120.000	Ft
0425	Culv, CI V, 42 inch, Jacked in Place	4010727	307.000	Ft
0430	Culv, CI V, 48 inch, Jacked in Place	4010728	405.000	Ft
0435	Culv, Downspout, 12 inch	4010795	1,097.000	Ft
0440	Culv, Downspout, 24 inch	4010798	169.000	Ft
0445	Culv, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch	4010813	54.000	Ft
0450	Culv, Reinf Conc Ellip, HE CI II, 34 inch by 53 inch	4010860	154.000	Ft
0455	Culv, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch	4010902	66.000	Ft
0460	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	3.000	Ea
0465	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	3.000	Ea
0470	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0475	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	6.000	Ea
0480	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	45.000	Ea
0485	Culv, Slp End Sect, 1 on 4, 30 inch, Longit	4010927	3.000	Ea
0490	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	6.000	Ea
0495	Culv, Slp End Sect, 1 on 4, 36 inch, Longit	4010929	3.000	Ea
0500	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0505	Culv, Slp End Sect, 1 on 4, 42 inch, Transv	4010932	5.000	Ea
0510	Culv, Slp End Sect, 1 on 4, 48 inch, Longit	4010933	1.000	Ea
0515	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	4.000	Ea
0520	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	2.000	Ea
0525	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 19 inch by 30 inch, Transv	4011052	9.000	Ea
0530	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Transv	4011060	2.000	Ea
0535	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Transv	4011062	2.000	Ea
0540	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Longit	4011063	1.000	Ea
0545	Dr Marker Post	4011109	772.000	Ea
0550	Outfall Label	4011115	4.000	Ea

0555	Steel Casing Pipe, 30 inch, Tr Det G	4011149	480.000	Ft
0560	Culv, Outlet Headwall, 12 inch	4012000	18.000	Ea
0565	Culv, Outlet Headwall, 18 inch	4012002	1.000	Ea
0570	Culv, Outlet Headwall, 24 inch	4012004	3.000	Ea
0575	Culv End Sect 24 inch, Grate	4012024	1.000	Ea
0580	_ Culv, Adj	4017001	5.000	Ft
0585	_ Stoplog Structure	4017050	1.000	Ea
0590	_ Culv Joint and Crack Sealing (SC01-11016)	4017051	1.000	LSUM
0595	Sewer, CI A, 12 inch, Tr Det A	4020004	42.000	Ft
0600	Sewer, CI A, 15 inch, Tr Det A	4020005	355.000	Ft
0605	Sewer, CI A, 18 inch, Tr Det A	4020006	74.000	Ft
0610	Sewer, CI A, 24 inch, Tr Det A	4020007	1,870.000	Ft
0615	Sewer, CI A, 30 inch, Tr Det A	4020008	107.000	Ft
0620	Sewer, CI A, 36 inch, Tr Det A	4020009	97.000	Ft
0625	Sewer, CI A, 42 inch, Tr Det A	4020010	17.000	Ft
0630	Sewer, CI A, 12 inch, Tr Det B	4020033	6,380.000	Ft
0635	Sewer, CI A, 15 inch, Tr Det B	4020034	337.000	Ft
0640	Sewer, CI A, 18 inch, Tr Det B	4020035	493.000	Ft
0645	Sewer, CI A, 24 inch, Tr Det B	4020036	2,190.000	Ft
0650	Sewer, CI A, 30 inch, Tr Det B	4020037	982.000	Ft
0655	Sewer, CI A, 36 inch, Tr Det B	4020038	114.000	Ft
0660	Sewer, CI A, 42 inch, Tr Det B	4020039	228.000	Ft
0665	Sewer, CI A, 12 inch, Tr Det C	4020063	278.000	Ft
0670	Sewer, CI A, 18 inch, Tr Det C	4020065	99.000	Ft
0675	Sewer, CI B, 18 inch, Tr Det A	4020155	64.000	Ft
0680	Sewer, CI B, 24 inch, Tr Det A	4020156	68.000	Ft
0685	Sewer, CI B, 12 inch, Tr Det B	4020183	126.000	Ft
0690	Sewer, CI B, 24 inch, Tr Det B	4020186	64.000	Ft
0695	Sewer, CI C, 24 inch, Tr Det A	4020306	20.000	Ft
0700	Sewer, CI C, 12 inch, Tr Det B	4020333	72.000	Ft
0705	Sewer, CI C, 24 inch, Tr Det B	4020336	14.000	Ft
0710	Sewer, CI E, 12 inch, Tr Det B	4020600	345.000	Ft
0715	Sewer, CI E, 18 inch, Tr Det B	4020602	55.000	Ft
0720	Sewer, CI E, 24 inch, Tr Det B	4020603	2,925.000	Ft
0725	Sewer, CI E, 36 inch, Tr Det B	4020605	65.000	Ft
0730	Sewer, CI E, 42 inch, Tr Det B	4020606	197.000	Ft
0735	Sewer Tap, 12 inch	4021204	1.000	Ea
0740	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0745	Video Taping Sewer and Culv Pipe	4021275	19,020.000	Ft
0750	Sewer, Reinf Conc Ellip, HE CI A, 38 inch by 60 inch, Tr Det A	4021286	36.000	Ft
0755	Sewer, Reinf Conc Ellip, HE CI A, 14 inch by 23 inch, Tr Det B	4021300	65.000	Ft
0760	Sewer, Reinf Conc Ellip, HE CI A, 38 inch by 60 inch, Tr Det B	4021306	313.000	Ft
0765	Sewer, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch,	4021451	675.000	Ft

Tr Det B

0770	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0775	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0780	Dr Structure Cover, Type B	4030010	80.000	Ea
0785	Dr Structure Cover, Type CX	4030020	41.000	Ea
0790	Dr Structure Cover, Type D	4030025	5.000	Ea
0795	Dr Structure Cover, Type DX	4030030	4.000	Ea
0800	Dr Structure Cover, Type E	4030035	1.000	Ea
0805	Dr Structure Cover, Type G	4030040	1.000	Ea
0810	Dr Structure Cover, Type J	4030045	17.000	Ea
0815	Dr Structure Cover, Type K	4030050	30.000	Ea
0820	Dr Structure Cover, Type Q	4030065	9.000	Ea
0825	Dr Structure Cover, Type V	4030085	28.000	Ea
0830	Dr Structure Cover, Type VG	4030090	36.000	Ea
0835	Dr Structure, 24 inch dia	4030200	77.000	Ea
0840	Dr Structure, 48 inch dia	4030210	144.000	Ea
0845	Dr Structure, 60 inch dia	4030220	17.000	Ea
0850	Dr Structure, 72 inch dia	4030230	5.000	Ea
0855	Dr Structure, 84 inch dia	4030231	2.000	Ea
0860	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	7.000	Ft
0865	Dr Structure, 96 inch dia	4030234	1.000	Ea
0870	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	6.000	Ft
0875	Dr Structure, Add Depth of 108 inch dia, 8 foot to 15 foot	4030238	4.000	Ft
0880	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	1.000	Ft
0885	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	188.000	Ft
0890	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	37.000	Ft
0895	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	27.000	Ft
0900	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	3.000	Ft
0905	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	5.000	Ft
0910	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0915	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0920	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
0925	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0930	Dr Structure, Tap, 24 inch	4030324	2.000	Ea
0935	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
0940	_ Dr Inlet Structure, 24 inch, Spec	4037050	36.000	Ea
0945	_ Dr Inlet Structure, Ellip, 19 inch by 30-inch, Spec	4037050	7.000	Ea
0950	Underdrain, Subbase, 6 inch	4040063	13,891.000	Ft
0955	Underdrain Outlet, 4 inch	4040091	340.000	Ft
0960	Underdrain Outlet, 6 inch	4040093	12,216.000	Ft

0965	Underdrain, Outlet Ending, 4 inch	4040111	27.000	Ea
0970	Underdrain, Outlet Ending, 6 inch	4040113	608.000	Ea
0975	Video Inspection of Underdrain	4040200	22,179.000	Ft
0980	_ Underdrain, Rem	4047001	108,848.000	Ft
0985	_ Underdrain, Subgrade, 12 inch, Modified	4047001	22,139.000	Ft
0990	Culv Bedding, Box Culv	4060005	1,025.000	Cyd
0995	Cold Milling HMA Surface	5010002	260,895.000	Syd
1000	Bump Grinding	5010004	4,800.000	Syd
1005	HMA Surface, Rem	5010005	224,015.000	Syd
1010	HMA Quality Initiative	5010007	111,032.000	Dlr
1015	Pavt for Butt Joints, Rem	5010008	748.000	Syd
1020	Pavt Joint and Crack Repr, Det 8	5010021	7,219.000	Ft
1025	Hand Patching	5010025	53.000	Ton
1030	HMA Approach	5010061	4,301.000	Ton
1035	HMA, 3EML	5012013	3,854.000	Ton
1040	HMA, 4EML	5012025	5,140.000	Ton
1045	HMA, 4EH	5012027	38,998.000	Ton
1050	HMA, Temp Pavt (3EML)	5012101	14,575.000	Ton
1055	HMA, Temp Pavt (4EML)	5012103	10,500.000	Ton
1060	_ Ride Incentive	5017060	173,797.000	Dlr
1065	Joint, Expansion, E3	6020208	1,282.000	Ft
1070	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	5,452.000	Syd
1075	Joint, Contraction, Crg	6030020	1,460.000	Ft
1080	Joint, Expansion, Erg	6030021	230.000	Ft
1085	Lane Tie, Epoxy Anchored	6030030	492.000	Ea
1090	Pavt Repr, Nonreinf Conc, 9 inch	6030046	2,208.000	Syd
1095	Pavt Repr, Rem	6030080	2,208.000	Syd
1100	_ Joint, Tied, 4 foot	6037001	12,013.000	Ft
1105	_ Pavt Repr, 4 foot, Nonreinf, 12 inch	6037011	5,904.000	Syd
1110	_ Pavt Repr, 4 foot, Rem	6037011	5,904.000	Syd
1115	Steel Sheet Piling, Permanent	7040001	527.000	Sft
1120	Conc, Grade 3500	7062001	9.000	Cyd
1125	Curb and Gutter, Conc, Det B2	8020016	1,212.000	Ft
1130	Curb and Gutter, Conc, Det D2	8020031	294.000	Ft
1135	Curb and Gutter, Conc, Det F2	8020036	356.000	Ft
1140	Curb and Gutter, Conc, Det F4	8020038	1,542.000	Ft
1145	Curb and Gutter, Conc, Det F6	8020040	2,230.000	Ft
1150	Driveway Opening, Conc, Det M	8020050	253.000	Ft
1155	Shld Gutter, Conc, Det 1	8020055	2.000	Ea
1160	Shld Gutter, Conc, Det 2	8020056	11.000	Ea
1165	Shld Gutter, Conc, Det 3	8020057	7.000	Ea
1170	Valley Gutter, Conc	8020060	2,001.000	Ft
1175	Downspout Header, Conc	8020070	21.000	Ea
1180	Spillway, Conc	8020075	419.000	Ft
1185	Divider, Conc, Type I	8022000	3,544.000	Sft

1190	Curb and Gutter, Bridge Approach, Det 5	8022016	1,265.000	Ft
1195	Curb and Gutter, Bridge Approach, Det 6	8022017	691.000	Ft
1200	Curb and Gutter, Bridge Approach, Det 7	8022018	1,057.000	Ft
1205	_ Curb and Gutter, Conc, Det F2, Modified, Island Nosing	8027001	12.000	Ft
1210	_ Curb and Gutter, Conc, Det F4, Modified, Type 2	8027001	481.000	Ft
1215	_ Valley Gutter, Conc, Modified	8027001	8,288.000	Ft
1220	Detectable Warning Surface	8030010	292.000	Ft
1225	Curb Ramp Opening, Conc	8030030	479.000	Ft
1230	Sidewalk, Conc, 4 inch	8030044	54,626.000	Sft
1235	Sidewalk, Conc, 6 inch	8030046	5,466.000	Sft
1240	Sidewalk, Conc, 7 inch	8030047	448.000	Sft
1245	Curb Ramp, Conc, 6 inch	8032002	938.000	Sft
1250	_ Curb Ramp Opening, Conc, Modified	8037001	30.000	Ft
1255	Conc Barrier, Single Face, Type A	8040001	10,289.000	Ft
1260	_ Conc Barrier, Single Face, Type A, Modified	8047001	300.000	Ft
1265	Guardrail Anch, Bridge, Det T4	8070025	1.000	Ea
1270	Guardrail Approach Terminal, Type 3B	8070038	23.000	Ea
1275	Guardrail Approach Terminal, Type 2M	8070044	31.000	Ea
1280	Guardrail Departing Terminal, Type MGS	8070052	26.000	Ea
1285	Guardrail, Salv	8070075	96.000	Ft
1290	Guardrail Reflector	8070080	831.000	Ea
1295	Post, Wood Guard	8070085	93.000	Ea
1300	Guardrail, Reconst, Type T	8070109	96.000	Ft
1305	Guardrail Anch, Bridge, Det M1	8070130	44.000	Ea
1310	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
1315	Guardrail Anch, Bridge, Det M7	8070136	9.000	Ea
1320	Cable Barrier, High Tension, Rem	8070200	27,100.000	Ft
1325	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	2,710.000	Ea
1330	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	25.000	Ea
1335	Guardrail, Type A, 72 inch Post	8072170	277.000	Ft
1340	Guardrail, Type MGS-8, 72 inch Post	8072179	30,473.000	Ft
1345	Guardrail, Type MGS-8, 108 inch Post	8072180	3,727.000	Ft
1350	Guardrail, Type MGS-8D, 72 inch Post	8072181	13.000	Ft
1355	Guardrail, Type MGS-8D, 108 inch Post	8072182	838.000	Ft
1360	_ Cable Barrier, High Tension, 3-Cable, Gibraltar Test Level-4	8077001	31,525.000	Ft
1365	_ Cable Barrier Terminal, High Tension, 3-Cable, Gibraltar Test Level-4	8077050	41.000	Ea
1370	Fence, Woven Wire with Wood Post	8080001	9,000.000	Ft
1375	Fence, Woven Wire with Steel Post	8080002	1,000.000	Ft
1380	Fence, Protective	8080007	2,768.000	Ft
1385	Band, Sign	8100010	8.000	Ea
1390	Bridge Sign Connection, Bolt Replacement	8100020	10.000	Ea
1395	Bridge Sign Connection, Conc, Type A1	8100031	4.000	Ea
1400	Bridge Sign Connection, Conc, Type A2	8100032	4.000	Ea

1405	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
1410	Bridge Sign Connection, Type A, Rem	8100080	8.000	Ea
1415	Bridge Sign Connection, Type E, Rem	8100084	4.000	Ea
1420	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
1425	Cantilever, Rem	8100090	10.000	Ea
1430	Cantilever, Type E	8100104	8.000	Ea
1435	Cantilever, Type E, Erect, Salv	8100105	1.000	Ea
1440	Column, Breakaway, W8 x 13	8100120	18.000	Ea
1445	Column, Breakaway, W8 x 18	8100121	2.000	Ea
1450	Delineator Reflector, Red	8100131	300.000	Ea
1455	Delineator Reflector, Yellow	8100132	55.000	Ea
1460	Delineator Reflector, Green	8100133	32.000	Ea
1465	Delineator Reflector, White	8100134	1,002.000	Ea
1470	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	88.000	Ea
1475	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	22.000	Ea
1480	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	165.000	Ea
1485	Fdn, Breakaway, W8 x 13	8100160	18.000	Ea
1490	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
1495	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	247.000	Ft
1500	Fdn, Cantilever, Rem	8100190	6.000	Ea
1505	Fdn, Column Breakaway, Rem	8100220	26.000	Ea
1510	Fdn, Entire, Cantilever, Rem	8100230	19.000	Cyd
1515	Fdn, Entire, Truss, Rem	8100240	15.000	Cyd
1520	Fdn, Truss Sign Structure Type E, 48 inch dia, Cased	8100250	224.000	Ft
1525	Fdn, Truss Sign Structure Type E, 54 inch dia, Cased	8100252	62.000	Ft
1530	Fdn, Truss, Rem	8100260	3.000	Ea
1535	Fdn, Wood Support, Rem	8100280	285.000	Ea
1540	Installing MDOT Supplied Sign, Type III	8100302	29.000	Ea
1545	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	23.000	Ea
1550	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
1555	Delineator, Rem	8100349	1,276.000	Ea
1560	Post, Flexible, Delineator	8100360	187.000	Ea
1565	Post, Rigid, Delineator	8100361	1,089.000	Ea
1570	Post, Steel, 3 pound	8100371	7,336.000	Ft
1575	Post, Wood, 4 inch by 6 inch	8100380	3,970.000	Ft
1580	Post, Wood, 6 inch by 8 inch	8100382	1,736.000	Ft
1585	Sign, Type I, Erect, Salv	8100390	3.000	Ea
1590	Sign, Type I, Rem	8100391	76.000	Ea
1595	Sign, Type IA	8100392	6,186.000	Sft
1600	Sign, Type IB	8100393	609.000	Sft
1605	Sign, Type II, Erect, Salv	8100396	1.000	Ea
1610	Sign, Type II, Rem	8100397	183.000	Ea

1615	Sign, Type IIA	8100398	1,835.000	Sft
1620	Sign, Type IIB	8100399	643.000	Sft
1625	Sign, Type III, Erect, Salv	8100402	6.000	Ea
1630	Sign, Type III, Rem	8100403	625.000	Ea
1635	Sign, Type IIIA	8100404	1,865.000	Sft
1640	Sign, Type IIIB	8100405	1,380.000	Sft
1645	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1650	Sign, Type V, Rem	8100421	3.000	Ea
1655	Sign, Type VA	8100424	123.000	Sft
1660	Sign, Type VB	8100425	616.000	Sft
1665	Truss, Rem	8100440	2.000	Ea
1670	Truss, Type E, 100 foot	8100494	3.000	Ea
1675	Truss, Type E, 115 foot	8100497	1.000	Ea
1680	Reflective Panel for Permanent Sign Support, 3 foot	8100613	146.000	Ea
1685	Reflective Panel for Permanent Sign Support, 6 foot	8100616	101.000	Ea
1690	Bracket, H	8100650	4.000	Ea
1695	Sign, Type I, Rem, Salv	8102001	3.000	Ea
1700	Sign, Type II, Rem, Salv	8102002	1.000	Ea
1705	Sign, Type III, Rem, Salv	8102003	6.000	Ea
1710	Ground Mtd Sign Support, Rem	8102010	849.000	Ea
1715	_ Bridge Sign Connection, Conc, Type P, Spec	8107050	4.000	Ea
1720	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	520.000	Ft
1725	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	201.000	Ft
1730	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	750.000	Ft
1735	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	495.000	Ft
1740	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	11.000	Ea
1745	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	43.000	Ea
1750	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	28.000	Ea
1755	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
1760	Pavt Mrkg, Polyurea, 6 inch, White	8110094	3,456.000	Ft
1765	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	8,805.000	Ft
1770	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	150.000	Ft
1775	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	185.000	Ft
1780	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	499.000	Ft
1785	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	803.000	Ft
1790	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	4.000	Ea
1795	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,633.000	Ft
1800	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,107.000	Ft
1805	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,344.000	Ft
1810	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	16,993.000	Ft
1815	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,633.000	Ft
1820	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,107.000	Ft
1825	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	11,165.000	Ft

1830	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	16,993.000	Ft
1835	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	129.000	Ft
1840	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	2,125.000	Ft
1845	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	7,387.000	Ft
1850	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	520.000	Ft
1855	Rem Spec Mrkg	8110343	348.000	Sft
1860	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
1865	Recessing Pavt Mrkg, Longit	8110450	289,529.000	Ft
1870	Recessing Pavt Mrkg, Transv	8110451	3,166.000	Sft
1875	Recessing Pavt Mrkg, Guide Line	8110453	240.000	Ft
1880	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	120.000	Ft
1885	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	120.000	Ft
1890	Pavt Mrkg, Preformed Thermopl, 6 inch, Crosswalk	8112078	595.000	Ft
1895	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	357.000	Ft
1900	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	166,795.000	Ft
1905	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	16,501.000	Ft
1910	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	114,140.000	Ft
1915	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	76.000	Ea
1920	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	76.000	Ea
1925	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
1930	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
1935	Conc Barrier Ending, Temp, Det 2, Adj	8120040	60.000	Ea
1940	Conc Barrier Ending, Temp, Det 2, Furn	8120041	19.000	Ea
1945	Conc Barrier Ending, Temp, Det 2, Oper	8120042	19.000	Ea
1950	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	11.000	Ea
1955	Conc Barrier Reflector Replacement	8120070	9,061.000	Ea
1960	Conc Barrier, Temp, Adj	8120080	204,650.000	Ft
1965	Conc Barrier, Temp, Furn	8120081	89,843.000	Ft
1970	Conc Barrier, Temp, Oper	8120082	89,843.000	Ft
1975	Conc Barrier, Temp, Relocated	8120083	264,973.000	Ft
1980	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	124.000	Ea
1985	Delineator, Flexible, Temp, Furn	8120091	139.000	Ea
1990	Delineator, Flexible, Temp, Oper	8120092	139.000	Ea
1995	Glare Screen, Temp	8120094	19,300.000	Ft
2000	Glare Screen, Temp, Relocated	8120095	62,100.000	Ft
2005	Glare Screen, Temp, Complete Sect, Replaced	8120096	452.000	Ea
2010	Tubular Marker	8120097	89.000	Ea
2015	Tubular Marker, Replacement	8120098	30.000	Ea
2020	High Intensity Light, Type B, Furn	8120110	14.000	Ea
2025	High Intensity Light, Type B, Oper	8120111	14.000	Ea

2030	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
2035	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
2040	Ltg for Night Work	8120160	1.000	LSUM
2045	Minor Traf Devices	8120170	1.000	LSUM
2050	Mobile Attenuator	8120180	4.000	Ea
2055	Part Width Intersection Construction	8120190	8.000	Ea
2060	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	394,966.000	Ft
2065	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	12,541.000	Ft
2070	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	81,741.000	Ft
2075	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	1,308.000	Ft
2080	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	454.000	Ft
2085	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	8.000	Ea
2090	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,099.000	Ft
2095	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	5,275.000	Ft
2100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,596.000	Ft
2105	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	33,145.000	Ft
2110	Plastic Drum, Fluorescent, Furn	8120252	1,200.000	Ea
2115	Plastic Drum, Fluorescent, Oper	8120253	1,200.000	Ea
2120	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	29.000	Ft
2125	Sign Cover	8120310	180.000	Ea
2130	Sign Cover, Type I	8120320	24.000	Ea
2135	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	18.000	Ea
2140	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	18.000	Ea
2145	Sign, Type A, Temp, Prismatic, Furn	8120340	712.000	Sft
2150	Sign, Type A, Temp, Prismatic, Oper	8120341	712.000	Sft
2155	Sign, Type B, Temp, Prismatic, Furn	8120350	7,378.000	Sft
2160	Sign, Type B, Temp, Prismatic, Oper	8120351	7,378.000	Sft
2165	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,541.000	Sft
2170	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,541.000	Sft
2175	Traf Regulator Control	8120370	1.000	LSUM
2180	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	760.000	Ft
2185	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	760.000	Ft
2190	Conc Barrier, Temp, Limited Deflection, Det 2, Relocated	8121103	1,310.000	Ft
2195	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	386,262.000	Ft
2200	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	397,099.000	Ft
2205	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	421,701.000	Ft
2210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	350,173.000	Ft

2215	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	17,159.000	Ft
2220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	25,103.000	Ft
2225	Speed Radar Trailer, Temp	8122028	2.000	Ea
2230	Pavt Mrkg, Type NR, Paint, Only	8122036	8.000	Ea
2235	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	12,960.000	Ft
2240	Pedestrian Path, Temp	8122250	100.000	Ft
2245	Pedestrian Ramp, Temp	8122251	2.000	Ea
2250	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	14.000	Ea
2255	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	14.000	Ea
2260	_ Barrier Gate, Temp, Furn	8127050	4.000	Ea
2265	_ Barrier Gate, Temp, Open/Close	8127050	20.000	Ea
2270	_ Barrier Gate, Temp, Oper	8127050	4.000	Ea
2275	_ Barrier Gate, Temp, Relocated	8127050	4.000	Ea
2280	_ Emergency Pull Off Light	8127050	3.000	Ea
2285	_ Heavy Duty Wrecker	8127050	6.000	Ea
2290	_ Light Duty Wrecker	8127050	10.000	Ea
2295	_ Medium Duty Wrecker	8127050	6.000	Ea
2300	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
2305	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
2310	Riprap, Heavy	8130005	31.000	Syd
2315	Riprap, Plain	8130010	6,103.000	Syd
2320	Ditch, Plain Cobble	8140005	6,307.000	Syd
2325	Site Preparation, Max \$17,350.00	8150001	1.000	LSUM
2330	Watering and Cultivating, First Season, Min \$9,830.00	8150002	1.000	LSUM
2335	Watering and Cultivating, 2nd Season, Min \$12,140.00	8150003	1.000	LSUM
2340	Acer rubrum, 1 1/2 inch	8150146	19.000	Ea
2345	Acer x freemanii 'Autumn Blaze', 1 1/2 inch	8150220	3.000	Ea
2350	Celtis occidentalis, 1 1/2 inch	8150778	18.000	Ea
2355	Picea abies, 4 foot	8152740	20.000	Ea
2360	Picea glauca 'Densata', 4 foot	8152754	26.000	Ea
2365	Picea omorika, 4 foot	8152786	18.000	Ea
2370	Pinus heldreichii, 4 foot	8152814	22.000	Ea
2375	Pinus nigra, 4 foot	8152841	20.000	Ea
2380	Platanus x acerifolia 'Liberty' 1 1/2 inch	8152886	20.000	Ea
2385	Quercus bicolor, 1 1/2 inch	8153042	22.000	Ea
2390	Ulmus americana 'Valley Forge', 1 1/2 inch	8153910	20.000	Ea
2395	_ Acer rubrum 'October Glory', 1 1/2 inch	8157050	2.000	Ea
2400	_ Acer x freemanii Autumn Blaze, 1 1/2 inch	8157050	18.000	Ea
2405	_ Betula nigra, tree form, 1 1/2 inch	8157050	22.000	Ea
2410	_ Gymnocladus dioica 'Espresso', 1 1/2 inch	8157050	21.000	Ea
2415	_ Quercus muehlenbergii, 1 1/2 inch	8157050	22.000	Ea

2420	_ Tilia americana 'McKSentry', 1 1/2 inch	8157050	2.000	Ea
2425	_ Tilia americana 'Mcsentry', 1 1/2 inch	8157050	19.000	Ea
2430	Slope Restoration, Freeway, Type A	8162013	297,351.000	Syd
2435	Slope Restoration, Freeway, Type B	8162014	163,457.000	Syd
2440	Slope Restoration, Freeway, Type C	8162015	95,835.000	Syd
2445	Slope Restoration, Freeway, Type D	8162016	1,157.000	Syd
2450	_ Bioretention Seeding	8167011	7,260.000	Syd
2455	Conduit, Rem	8182000	290.000	Ft
2460	Conduit, Directional Bore, 3, 3 inch	8182039	290.000	Ft
2465	Conduit, DB, 1, 1 1/2 inch	8182048	335.000	Ft
2470	Conduit, DB, 1, 3 inch	8182050	30.000	Ft
2475	Conduit, DB, 3, 3 inch	8182056	155.000	Ft
2480	Conduit, DB, 4, 3 inch	8182059	30.000	Ft
2485	Conduit, DB, 1, 1 inch	8182060	20.000	Ft
2490	Cable, Rem	8182196	800.000	Ft
2495	Cable, Sec, 600V, 1, 3/C#6	8182238	50.000	Ft
2500	Hh, Polymer Conc	8182309	4.000	Ea
2505	Hh, Round	8182310	4.000	Ea
2510	Hh, Round, 3 foot dia	8182319	1.000	Ea
2515	Hh, Adj	8182328	9.000	Ea
2520	Hh, Rem	8182330	3.000	Ea
2525	Metered Serv	8182338	2.000	Ea
2530	Metered Serv, Rem	8182339	2.000	Ea
2535	Wood Pole, Cl 4, 35 foot	8182350	8.000	Ea
2540	Wood Pole, Rem	8182363	8.000	Ea
2545	Serv Disconnect	8182366	2.000	Ea
2550	Serv Disconnect, Rem	8182367	2.000	Ea
2555	Wood Pole, Fit Up, TS Cable Pole	8182387	3.000	Ea
2560	_ Cable, P.J., 600V, 1, 2/C#16	8187001	190.000	Ft
2565	_ Cable, P.J., 600V, 1, 5/C#16	8187001	420.000	Ft
2570	_ Cable, P.J., 600V, 1, 7/C#16	8187001	190.000	Ft
2575	Case Sign, Disappearing Legend, 24 inch by 30 inch	8200015	1.000	Ea
2580	Case Sign, Rem	8200020	4.000	Ea
2585	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	3.000	Ea
2590	Controller and Cabinet, Rem	8200030	1.000	Ea
2595	Controller Fdn, Base Mtd	8200045	1.000	Ea
2600	Controller Fdn, Rem	8200046	1.000	Ea
2605	Fdn, Rem	8200065	5.000	Ea
2610	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2615	Pedestal, Alum	8200100	8.000	Ea
2620	Pedestal, Fdn	8200105	8.000	Ea
2625	Pedestal Fdn, Rem	8200106	5.000	Ea
2630	Pedestal, Rem	8200110	2.000	Ea
2635	Pushbutton and Sign	8200121	5.000	Ea
2640	Pushbutton, Rem	8200122	5.000	Ea

2645	Pushbutton, Pedestal, Rem	8200124	3.000	Ea
2650	Span Wire	8200140	11.000	Ea
2655	Span Wire, Rem	8200141	10.000	Ea
2660	Span Wire Tether	8200142	5.000	Ea
2665	Steel Pole, Rem	8200145	5.000	Ea
2670	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
2675	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
2680	TS, Span Wire Mtd, Rem	8200182	20.000	Ea
2685	Cabinet, NEMA Type	8200186	1.000	Ea
2690	TS, One Way Span Wire Mtd (LED)	8200313	20.000	Ea
2695	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
2700	TS, 4th Level, LTGA (LED)	8200329	2.000	Ea
2705	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
2710	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
2715	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
2720	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
2725	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
2730	Bracket, Truss, with 18 foot Arm	8200378	1.000	Ea
2735	Video Traf Detection System, Rem	8200383	1.000	Ea
2740	Video Traf Detection Camera, Rem	8200384	2.000	Ea
2745	Bracket, Truss, Rem	8200388	1.000	Ea
2750	Hemispherical Video Detection Camera	8200444	1.000	Ea
2755	Hemispherical Video Detection System	8200445	1.000	Ea
2760	TS Head, Adj	8200452	47.000	Ea
2765	TS Face, Bag	8200458	92.000	Ea
2770	TS Face, Bag, Rem	8200459	84.000	Ea
2775	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
2780	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
2785	Strain Pole Fdn, 6 Bolt	8200470	73.000	Ft
2790	Casing	8200480	55.000	Ft
2795	Cellular Modem, TS, 4th G	8200498	1.000	Ea
2800	Backplate, TS	8200501	16.000	Ea
2805	Backplate, TS, Rem	8200502	5.000	Ea
2810	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
2815	Monument Box	8210001	1.000	Ea
2820	Monument Preservation	8210010	1.000	Ea
2825	Gate Valve, 12 inch	8230064	2.000	Ea
2830	Gate Well, Rem	8230076	1.000	Ea
2835	Hydrant, Relocate, Case 2	8230096	1.000	Ea
2840	Water Main, DI, 12 inch, Tr Det G	8230166	1,063.000	Ft
2845	Gate Well, 60 inch dia	8230360	2.000	Ea
2850	Gate Box, Adj, Case 2	8230432	1.000	Ea
2855	Polyethylene Encasement	8230440	1,063.000	Ft

2860	Water Main Conflict, 16 inch	8232027	3.000	Ea
2865	Contractor Staking	8240001	1.000	LSUM
2870	Staking Plan Errors and Extras, Max \$180/hour	8240002	1,782.000	Hr
2875	Sanitary Structure Cover, Adj, Case 2	8252146	4.000	Ea
2880	Lightning Protection, Pole	8260021	2.000	Ea

Section: 2

2885	Embankment, CIP	2050010	83,048.000	Cyd
2890	Excavation, Earth	2050016	944,906.000	Cyd
2895	Subbase, CIP	3010002	419,243.000	Cyd
2900	Aggregate Base, LM	3020002	12.000	Cyd
2905	Aggregate Base, 6 inch	3020016	531,069.000	Syd
2910	Shld, CI II, 6 inch	3070128	809.000	Syd
2915	Shld, CI II, 8 inch	3070130	3,005.000	Syd
2920	_ Shld, CI II, 12 inch	3077011	15,333.000	Syd
2925	Underdrain, Subbase, 6 inch	4040063	169,986.000	Ft
2930	HMA Quality Initiative	5010007	674,498.000	Dlr
2935	Longit Joint Density Quality Initiative	5010018	1,710,103.000	Dlr
2940	_ HMA Approach, 12 Inch	5017011	22,356.000	Syd
2945	_ HMA Approach, 7 3/4 Inch	5017011	6,796.000	Syd
2950	_ HMA, 3EMH, 3 1/4 Inch	5017011	50,521.000	Syd
2955	_ HMA, 3EMH, 3 Inch	5017011	340,801.000	Syd
2960	_ HMA, 3EMH, 7 1/2 Inch	5017011	287,733.000	Syd
2965	_ HMA, 3EML, 3 Inch	5017011	147,317.000	Syd
2970	_ HMA, 3EML, 7 1/2 Inch	5017011	147,317.000	Syd
2975	_ HMA, 5EMH, 1 1/2 Inch	5017011	342,204.000	Syd
2980	_ HMA, 5EMH, 3 3/4 Inch	5017011	1,393.000	Syd
2985	_ HMA, 5EMH, 3 Inch	5017011	1,393.000	Syd
2990	_ HMA, 5EML, 1 1/2 Inch	5017011	147,317.000	Syd
2995	Curb and Gutter, Conc, Det B2	8020016	2,535.000	Ft
3000	Curb and Gutter, Conc, Det D2	8020031	5,130.000	Ft
3005	_ Curb and Gutter, Conc, Det B2, Modified, Type 2	8027001	784.000	Ft
3010	_ Curb and Gutter, Conc, Det D2, Modified, Type 1	8027001	3,450.000	Ft
3015	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	613.000	Ft
3020	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	14,910.000	Ft
3025	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Shadow Tape, Black	8110390	270.000	Ft
3030	Recessing Pavt Mrkg, Longit	8110450	14,567.000	Ft
3035	Riprap, Plain	8130010	86.000	Syd
3040	Freeway Shld Corrugations, Milled, HMA	8222001	161,850.000	Ft

Section: 3

3045	Conc Quality Initiative	10000030	169,297.000	Dlr
3050	Embankment, CIP	2050010	81,742.000	Cyd

3055	Excavation, Earth	2050016	878,146.000	Cyd
3060	Subbase, CIP	3010002	248,888.000	Cyd
3065	Open-Graded Dr Cse, 6 inch	3030006	536,849.000	Syd
3070	Shld, CI II, 8 inch	3070130	2,972.000	Syd
3075	_ Shld, CI II, 12 1/2 inch	3077011	15,902.000	Syd
3080	Geotextile, Separator	3080005	554,233.000	Syd
3085	Geotextile, Stabilization	3080010	132.000	Syd
3090	Underdrain, Pipe, Open-Graded, 6 inch	4040043	168,319.000	Ft
3095	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	420.000	Ft
3100	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	2,002.000	Syd
3105	Joint, Contraction, Cp	6020200	219,702.000	Ft
3110	Joint, Contraction, C3p	6020201	110,216.000	Ft
3115	Pavt Gapping	6020215	13,160.000	Ft
3120	Conc Pavt, Nonreinf, 8 inch, High Performance	6020500	32,651.000	Syd
3125	Conc Pavt, Nonreinf, 12 1/2 inch, High Performance	6020509	285,378.000	Syd
3130	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	4,794.000	Syd
3135	Conc Pavt, Misc, Nonreinf, 12 1/2 inch, High Performance	6020521	23,298.000	Syd
3140	Shld, Nonreinf Conc, High Performance	6020524	172,185.000	Syd
3145	Curb and Gutter, Conc, Det B1	8020015	2,518.000	Ft
3150	Curb and Gutter, Conc, Det D1	8020030	5,159.000	Ft
3155	Curb and Gutter, Conc, Det D3	8020032	318.000	Ft
3160	_ Curb and Gutter, Conc, Det B1, Modified, Type 2	8027001	784.000	Ft
3165	_ Curb and Gutter, Conc, Det D3, Modified, Type 1	8027001	3,450.000	Ft
3170	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	357,226.000	Ft
3175	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	3,386.000	Ft
3180	Freeway Shld Corrugations, Milled, Conc	8222000	161,850.000	Ft

Section: 4

3185	_ Railroad Inspection and Flagging, CSX Transportation	1027060	350,000.000	Dlr
3190	_ Railroad Protection, CSX Transportation	1027060	60,000.000	Dlr
3195	Structures, Rem (S03-3 of 11016)	2040060	1.000	LSUM
3200	Structures, Rem (S03-4 of 11016)	2040060	1.000	LSUM
3205	Structures, Rem (S17-3 of 11015)	2040060	1.000	LSUM
3210	Structures, Rem (S17-4 of 11015)	2040060	1.000	LSUM
3215	Structures, Rem Portions (C01 of 11016)	2040061	1.000	LSUM
3220	Flowable Fill, Non-Structural	2050148	1,510.000	Cyd
3225	Backfill, Structure, CIP	2060002	96,007.000	Cyd
3230	Backfill, Select	2060004	8,498.000	Cyd
3235	Aggregate	2060005	510.000	Cyd
3240	Excavation, Fdn	2060010	119,221.000	Cyd
3245	Erosion Control, Stone Bag	2080038	125.000	Ea
3250	_ Liner, PVC, 30 mil, Spec	2087011	4,690.000	Syd
3255	Geotextile, Separator, Non-Woven	3082000	3,440.000	Syd

3260	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
3265	Trench Undercut and Backfill	4021260	350.000	Cyd
3270	_ Bypass Pumping	4027051	1.000	LSUM
3275	Underdrain, Fdn, 4 inch	4040031	5,770.000	Ft
3280	Underdrain, Fdn, 6 inch	4040033	769.000	Ft
3285	_ Culv, Precast Conc Box, 10 foot by 15 foot, Spec	4067001	284.000	Ft
3290	_ Culv, Precast Conc Box, 18 foot by 10 foot	4067001	280.000	Ft
3295	_ Culv, Precast Conc Box, 18 foot by 12 foot	4067001	400.000	Ft
3300	HMA Patch, Rem	5010006	24.000	Syd
3305	Steel Sheet Piling, Temp, Left in Place	7040003	870.000	Sft
3310	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	15,370.000	Sft
3315	_ Steel Sheet Piling, Temp, Spec	7047010	6,700.000	Sft
3320	_ Cofferdam, Left in Place, Spec (C02 of 11016)	7047051	1.000	LSUM
3325	_ Cofferdam, Left in Place, Spec (C03 of 11016)	7047051	1.000	LSUM
3330	Bridge Ltg, Furn and Rem (R05-3 of 11015)	7060001	1.000	LSUM
3335	Bridge Ltg, Furn and Rem (R05-4 of 11015)	7060001	1.000	LSUM
3340	Bridge Ltg, Furn and Rem (R07 of 11015)	7060001	1.000	LSUM
3345	Bridge Ltg, Furn and Rem (S03-3 of 11016)	7060001	1.000	LSUM
3350	Bridge Ltg, Furn and Rem (S03-4 of 11016)	7060001	1.000	LSUM
3355	Bridge Ltg, Furn and Rem (S17-3 of 11015)	7060001	1.000	LSUM
3360	Bridge Ltg, Furn and Rem (S17-4 of 11015)	7060001	1.000	LSUM
3365	Bridge Ltg, Oper and Maintain	7060002	2,097.000	Cyd
3370	Expansion Joint Device	7060050	1,420.000	Ft
3375	False Decking	7060060	108,880.000	Sft
3380	Reinforcement, Steel, Epoxy Coated	7060092	1,570,481.000	Lb
3385	Substructure Conc, High Performance	7060101	11,671.000	Cyd
3390	Superstructure Conc, Form, Finish, and Cure (R05-3 of 11015)	7060111	1.000	LSUM
3395	Superstructure Conc, Form, Finish, and Cure (R05-4 of 11015)	7060111	1.000	LSUM
3400	Superstructure Conc, Form, Finish, and Cure (R07 of 11015)	7060111	1.000	LSUM
3405	Superstructure Conc, Form, Finish, and Cure (S03-3 of 11016)	7060111	1.000	LSUM
3410	Superstructure Conc, Form, Finish, and Cure (S03-4 of 11016)	7060111	1.000	LSUM
3415	Superstructure Conc, Form, Finish, and Cure (S17-3 of 11015)	7060111	1.000	LSUM
3420	Superstructure Conc, Form, Finish, and Cure (S17-4 of 11015)	7060111	1.000	LSUM
3425	Superstructure Conc, Form, Finish, and Cure, Night Casting (R05-3 of 11015)	7060112	1.000	LSUM
3430	Superstructure Conc, Form, Finish, and Cure, Night Casting (R05-4 of 11015)	7060112	1.000	LSUM
3435	Superstructure Conc, Form, Finish, and Cure, Night Casting (R07 of 11015)	7060112	1.000	LSUM
3440	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03-3 of 11016)	7060112	1.000	LSUM
3445	Superstructure Conc, Form, Finish, and Cure, Night	7060112	1.000	LSUM

	Casting (S03-4 of 11016)			
3450	Superstructure Conc, Form, Finish, and Cure, Night Casting (S17-3 of 11015)	7060112	1.000	LSUM
3455	Superstructure Conc, Form, Finish, and Cure, Night Casting (S17-4 of 11015)	7060112	1.000	LSUM
3460	Superstructure Conc, High Performance	7060116	448.000	Cyd
3465	Superstructure Conc, Night Casting, High Performance	7060117	1,760.000	Cyd
3470	Wall Drain	7060130	624.000	Sft
3475	Water Repellent Treatment, Penetrating	7060140	2,308.000	Syd
3480	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	1,200.000	Sft
3485	Mechanically Stabilized Earth Wall, Precast, Install	7060201	1,200.000	Sft
3490	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	5,504.000	Sft
3495	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	5,504.000	Sft
3500	Mechanically Stabilized Earth Wall Coping, Precast	7060206	100.000	Ft
3505	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	100.000	Ft
3510	Liner, PVC, 30 mil	7060209	2,637.000	Syd
3515	Sealing Localized Cracks (B01-3 of 11015)	7060220	1.000	LSUM
3520	Sealing Localized Cracks (B01-4 of 11015)	7060220	1.000	LSUM
3525	Sealing Localized Cracks (R05-3 of 11015)	7060220	1.000	LSUM
3530	Sealing Localized Cracks (R05-4 of 11015)	7060220	1.000	LSUM
3535	Sealing Localized Cracks (R07 of 11015)	7060220	1.000	LSUM
3540	Sealing Localized Cracks (S03-3 of 11016)	7060220	1.000	LSUM
3545	Sealing Localized Cracks (S03-4 of 11016)	7060220	1.000	LSUM
3550	Sealing Localized Cracks (S17-3 of 11015)	7060220	1.000	LSUM
3555	Sealing Localized Cracks (S17-4 of 11015)	7060220	1.000	LSUM
3560	Conc, Grade 3500, Subfooting	7062000	295.000	Cyd
3565	Conc, Grade 4500HP	7062004	118.000	Cyd
3570	Aesthetic Texturing	7062005	5,076.000	Syd
3575	_ Asphaltic Plug Expansion Joint, Modified	7067020	37.000	Cft
3580	Bearing, Elastomeric, 3 3/4 inch	7070023	17,760.000	Sin
3585	Bearing, Elastomeric, 4 inch	7070024	15,984.000	Sin
3590	Bushing	7070030	272.000	Ea
3595	Shear Developers (R05-3 of 11015)	7070040	1.000	LSUM
3600	Shear Developers (R05-4 of 11015)	7070040	1.000	LSUM
3605	Shear Developers (R07 of 11015)	7070040	1.000	LSUM
3610	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	22,596.000	Lb
3615	Steel Diaphragm, Prest Conc Beam, Erect	7070054	22,596.000	Lb
3620	Structural Steel, Plate, Erect	7070060	2,600.000	Lb
3625	Structural Steel, Plate, Furn and Fab	7070061	2,600.000	Lb
3630	_ Structural Steel, Rem, Retrofit and Erect (R07 of 11015)	7077051	1.000	LSUM
3635	Prest Conc Bulb-Tee Beam, Furn, 48 inch by 49 inch	7080120	2,481.000	Ft
3640	Prest Conc Bulb-Tee Beam, Erect, 48 inch by 49 inch	7080121	2,481.000	Ft
3645	Prest Conc Bulb-Tee Beam, Furn, 72 inch by 49 inch	7080140	2,826.000	Ft

3650	Prest Conc Bulb-Tee Beam, Erect, 72 inch by 49 inch	7080141	2,826.000	Ft
3655	_ Noise Barrier Wall, Precast Conc, Erect	7087010	147,700.000	Sft
3660	_ Noise Barrier Wall, Precast Conc, Furn	7087010	147,700.000	Sft
3665	Joint Waterproofing	7100001	5,092.000	Sft
3670	Conc Surface Coating, Warranty (Noise Wall JN131843)	7100009	1.000	LSUM
3675	Conc Surface Coating, Warranty (Noise Wall JN132824)	7100009	1.000	LSUM
3680	Conc Surface Coating, Warranty (R05-3 of 11015)	7100009	1.000	LSUM
3685	Conc Surface Coating, Warranty (R05-4 of 11015)	7100009	1.000	LSUM
3690	Conc Surface Coating, Warranty (R07 of 11015)	7100009	1.000	LSUM
3695	Conc Surface Coating, Warranty (S03-3 of 11016)	7100009	1.000	LSUM
3700	Conc Surface Coating, Warranty (S03-4 of 11016)	7100009	1.000	LSUM
3705	Conc Surface Coating, Warranty (S17-3 of 11015)	7100009	1.000	LSUM
3710	Conc Surface Coating, Warranty (S17-4 of 11015)	7100009	1.000	LSUM
3715	Conc Surface Coating, Warranty (S20 of 11015)	7100009	1.000	LSUM
3720	Conc Surface Coating, Warranty (S21-3 of 11015)	7100009	1.000	LSUM
3725	Conc Surface Coating, Warranty (S21-4 of 11015)	7100009	1.000	LSUM
3730	Penetrating Healer/Sealer, Bridge Deck	7100025	1,342.000	Syd
3735	Reflective Marker, Permanent Barrier	7110003	259.000	Ea
3740	Bridge Barrier Railing, Type 6, High Performance	7110017	1,824.000	Ft
3745	Bridge Barrier Railing, Type 6, Replacement, High Performance	7112014	476.000	Ft
3750	_ Bridge Barrier Railing, Aesthetic, Type 6, Det 3, High Performance	7117001	646.000	Ft
3755	Scarifying	7120001	3,533.000	Syd
3760	Hand Chipping, Shallow	7120003	141.000	Syd
3765	Hand Chipping, Deep	7120004	140.000	Syd
3770	Hand Chipping, Other Than Deck	7120007	260.000	Cft
3775	Patch, Full Depth	7120010	12.000	Cyd
3780	Patch, Forming	7120017	813.000	Sft
3785	Epoxy Ovly, Rem	7120021	6,740.000	Syd
3790	Epoxy Ovly, Warranty	7120022	7,526.000	Syd
3795	Conc, Bridge Deck Ovly	7120023	112.000	Cyd
3800	Bridge Deck Surface Construction	7120025	3,533.000	Syd
3805	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	800.000	Ea
3810	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	56.000	Ea
3815	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	1,490.000	Ea
3820	Adhesive Anchoring of Vertical Bar, 5/8 inch	7120033	204.000	Ea
3825	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	750.000	Ea
3830	Structures, Rehabilitation, Rem Portions (R05-3 of 11015)	7120070	1.000	LSUM
3835	Structures, Rehabilitation, Rem Portions (R05-4 of 11015)	7120070	1.000	LSUM
3840	Structures, Rehabilitation, Rem Portions (R07 of 11015)	7120070	1.000	LSUM
3845	Structures, Rehabilitation, Rem Portions (S21-3 of 11015)	7120070	1.000	LSUM

3850	Structures, Rehabilitation, Rem Portions (S21-4 of 11015)	7120070	1.000	LSUM
3855	Deck Joint, Rem	7120071	960.000	Ft
3860	Latex Conc Surface, Rem	7120072	1,342.000	Syd
3865	Hydrodemolition, First Pass	7120076	3,533.000	Syd
3870	Hydrodemolition, 2nd Pass	7120077	222.000	Syd
3875	Top Flanges and Beam Ends, Clean and Coat	7120100	259.000	Syd
3880	Patching Conc, C-L	7120112	52.000	Cyd
3885	Embedded Galvanic Anode	7120120	2,331.000	Ea
3890	Hand Chipping, Full Depth	7122000	319.000	Cft
3895	_ Conc Surface Preparation	7127010	463.000	Sft
3900	_ Deck, Scaling	7127010	8,190.000	Sft
3905	_ Conc, Deep Bridge Deck Ovly	7127021	352.000	Cyd
3910	Beam Plate, Seal Perimeter	7130010	298.000	Ft
3915	Hanger Assembly, Rem and Erect	7130031	68.000	Ea
3920	Structural Steel, Furn and Fab, Pin and Hanger	7130070	15,268.000	Lb
3925	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,863.000	Lb
3930	Support, Column, Temp	7130080	2.000	Ea
3935	Support, Suspension, Temp	7130082	60.000	Ea
3940	_ Stay Plate Cutting	7137050	11.000	Ea
3945	Steel Structure, Cleaning, Type 4 (R05-3 of 11015)	7150045	1.000	LSUM
3950	Steel Structure, Cleaning, Type 4 (R05-4 of 11015)	7150045	1.000	LSUM
3955	Steel Structure, Cleaning, Type 4 (R07 of 11015)	7150045	1.000	LSUM
3960	Steel Structure, Coating, Type 4 (R05-3 of 11015)	7150046	1.000	LSUM
3965	Steel Structure, Coating, Type 4 (R05-4 of 11015)	7150046	1.000	LSUM
3970	Steel Structure, Coating, Type 4 (R07 of 11015)	7150046	1.000	LSUM
3975	_ Clean and Coat Steel Bearing	7157050	58.000	Ea
3980	Field Repr of Damaged Coating (B01-3 of 11016)	7160001	1.000	LSUM
3985	Field Repr of Damaged Coating (B01-4 of 11016)	7160001	1.000	LSUM
3990	Drilled Shaft, 36 inch	7180036	2,162.000	Ft
3995	Drilled Shaft, 42 inch	7180042	10,028.000	Ft
4000	Temp Casing-Left in Place	7180121	12,190.000	Ft
4005	Fence, Structure	8080110	5,868.000	Sft
4010	Slope Paving Header	8130015	562.000	Ft
4015	Slope Paving, Conc	8130020	661.000	Syd
4020	_ Riprap, Spec, Class I	8137011	320.000	Syd
4025	_ Riprap, Spec, Class II	8137011	1,050.000	Syd
4030	Structure Survey During Construction (R07 of 11015)	8240020	1.000	LSUM
4035	Structure Survey During Construction (S03-3 of 11016)	8240020	1.000	LSUM
4040	Structure Survey During Construction (S03-4 of 11016)	8240020	1.000	LSUM
4045	Structure Survey During Construction (S17-3 of 11015)	8240020	1.000	LSUM
4050	Structure Survey During Construction (S17-4 of 11015)	8240020	1.000	LSUM

Section: 5

4055	_ Calendar Days of Contract Time for Interim Completion, 2024 Construction	1027060	50,000.000	Dlr
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4060	_ Calendar Days of Contract Time for Interim Completion, 2025 Construction	1027060	50,000.000	Dlr
4065	_ Calendar Days of Contract Time for Interim Completion, 2026 Construction	1027060	50,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 230602 019

Letting Date: June 2, 2023

Contract ID: 11000-217956

Description: 1.16 mi of hot mix asphalt shared-use path including concrete curb, gutter and ramps, guardrail, pedestrian traffic signals, storm sewer, signing and pavement markings on Red Arrow Highway from Harbert Community Park to Sawyer Road, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217956A	23A0484	N/A	CM 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$62,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	305.000	Ft
0015	Guardrail, Rem	2040035	400.000	Ft
0020	_ Pavt, Rem, Modified	2047011	1,300.000	Syd
0025	Embankment, CIP	2050010	25.000	Cyd
0030	Subgrade Undercutting, Type II	2050041	10.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0040	Erosion Control, Silt Fence	2080036	3,225.000	Ft
0045	Subbase, CIP	3010002	125.000	Cyd
0050	_ Aggregate Base, 6 inch, Modified	3027011	7,400.000	Syd
0055	_ Aggregate Base, 8 inch, Modified	3027011	350.000	Syd
0060	Approach, CI II	3070021	100.000	Ton
0065	Shld, CI II, 4 inch	3070126	370.000	Syd
0070	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0075	Sewer, CI E, 12 inch, Tr Det B	4020600	116.000	Ft
0080	Sewer Tap, 12 inch	4021204	3.000	Ea
0085	Video Taping Sewer and Culv Pipe	4021275	116.000	Ft
0090	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0095	Dr Structure Cover, Type G	4030040	3.000	Ea
0100	Dr Structure, 48 inch dia	4030210	2.000	Ea
0105	_ Leaching Basin, 48 inch dia	4037050	1.000	Ea
0110	Hand Patching	5010025	25.000	Ton
0115	HMA Approach	5010061	225.000	Ton
0120	HMA, 4EML	5012025	40.000	Ton
0125	HMA, 5EML	5012037	40.000	Ton
0130	Curb, Conc, Det E2	8020002	45.000	Ft
0135	Curb and Gutter, Conc, Det B2	8020016	105.000	Ft

0140	Curb and Gutter, Conc, Det C4	8020023	175.000	Ft
0145	_ Curb, Conc, Flat, Modified	8027001	130.000	Ft
0150	_ Spillway, Conc, Modified	8027050	1.000	Ea
0155	Detectable Warning Surface	8030010	120.000	Ft
0160	Curb Ramp Opening, Conc	8030030	130.000	Ft
0165	Sidewalk, Conc, 6 inch	8030046	1,130.000	Sft
0170	Curb Ramp, Conc, 6 inch	8032002	870.000	Sft
0175	Shared use Path, Grading	8060030	5,980.000	Ft
0180	Shared use Path, HMA	8060040	1,185.000	Ton
0185	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0190	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0195	Guardrail Reflector	8070080	18.000	Ea
0200	Guardrail, Type MGS-8, 72 inch Post	8072179	375.000	Ft
0205	_ Trail Guardrail	8087001	665.000	Ft
0210	Post, Steel, 3 pound	8100371	91.000	Ft
0215	Sign, Type III, Erect, Salv	8100402	13.000	Ea
0220	Sign, Type III, Rem	8100403	9.000	Ea
0225	Sign, Type IIIA	8100404	11.000	Sft
0230	_ Sign, Advanced Pedestrian Crossing Unit, Erect, Salv	8107050	1.000	Ea
0235	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	940.000	Ft
0240	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	80.000	Ft
0245	Rem Spec Mrkg	8110343	330.000	Sft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	230.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	230.000	Ea
0270	Lighted Arrow, Type A, Furn	8120120	1.000	Ea
0275	Lighted Arrow, Type A, Oper	8120121	1.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0285	Pavt Mrkg Cover, Type R, Black	8120200	1,000.000	Ft
0290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	40.000	Ft
0295	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	200.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	200.000	Ft
0305	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0315	Sign Cover	8120310	10.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0325	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0335	Slope Restoration, Non-Freeway, Type A	8162001	2,000.000	Syd
0340	Slope Restoration, Non-Freeway, Type B	8162002	6,500.000	Syd
0345	Slope Restoration, Non-Freeway, Type C	8162003	500.000	Syd

0350	Conduit, DB, 1, 1 1/2 inch	8182048	100.000	Ft
0355	Hh, Adj	8182328	5.000	Ea
0360	Pedestal, Alum	8200100	3.000	Ea
0365	Pedestal, Fdn	8200105	5.000	Ea
0370	Pushbutton and Sign	8200121	8.000	Ea
0375	Pushbutton, Rem	8200122	4.000	Ea
0380	Pushbutton, Pedestal, Alum	8200123	2.000	Ea
0385	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
0390	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0395	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0400	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0405	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0410	_ Hydrant, Rem, Modified	8237050	1.000	Ea
0415	_ Hydrant, Valve and Box, 6 inch	8237050	1.000	Ea
0420	_ Sanitary Structure Cover, Adj, Case 1, Modified	8257050	14.000	Ea



4/27/2023 7:34 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 020**Letting Date:** June 2, 2023**Contract ID:** 31000-206734

Description: 3.60 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders and pavement markings on Lakeshore Drive north of M-203 and Calumet Water Works Road south of Lake Shore Drive, Houghton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206734A	23A0489	N/A	EAR 31000
218438A	23A0422	N/A	STL 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$141,800.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	14.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	5.000	Ea
0020	Guardrail, Rem	2040035	188.000	Ft
0025	Pavt, Rem	2040050	56.000	Syd
0030	Embankment, LM	2050011	60.000	Cyd
0035	Erosion Control, Silt Fence	2080036	1,900.000	Ft
0040	Aggregate Base	3020001	7,844.000	Ton
0045	HMA Base Crushing and Shaping	3050002	47,970.000	Syd
0050	Approach, CI II	3070021	460.000	Ton
0055	Shld, CI II	3070121	2,350.000	Ton
0060	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0065	Culv End Sect, Conc, 18 inch	4010049	22.000	Ea
0070	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0075	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0080	Culv End Sect, Conc, 60 inch	4010057	4.000	Ea
0085	Culv, CI E, Conc, 15 inch	4010574	40.000	Ft
0090	Culv, CI E, Conc, 18 inch	4010575	472.000	Ft
0095	Culv, CI E, Conc, 24 inch	4010576	104.000	Ft
0100	Culv, CI E, Conc, 48 inch	4010580	56.000	Ft
0105	Culv, CI E, Conc, 60 inch	4010582	136.000	Ft
0110	Culv, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch	4010901	40.000	Ft
0115	Culv, Reinf Conc Ellip, HE CI IV, 48 inch by 76 inch	4010908	120.000	Ft
0120	_ Culv End Sect, Conc, Ellip Pipe, 14 inch by 23 inch	4017050	2.000	Ea
0125	_ Culv End Sect, Conc, Ellip Pipe, 48 inch by 76 inch	4017050	2.000	Ea
0130	Trench Undercut and Backfill	4021260	80.000	Cyd

0135	HMA Surface, Rem	5010005	300.000	Syd
0140	HMA Approach	5010061	288.000	Ton
0145	HMA, 4EML	5012025	6,529.000	Ton
0150	Guardrail, Reconst, Type B	8070105	360.000	Ft
0155	Post, Steel, 3 pound	8100371	720.000	Ft
0160	Sign, Type III, Rem	8100403	11.000	Ea
0165	Sign, Type IIIA	8100404	8.000	Sft
0170	Sign, Type IIIB	8100405	194.000	Sft
0175	Pavt Mrkg, Waterborne, 4 inch, White	8110231	38,100.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,849.000	Ft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,524.000	Ft
0215	Plastic Drum, Fluorescent, Furn	8120252	110.000	Ea
0220	Plastic Drum, Fluorescent, Oper	8120253	110.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	435.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	435.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	Slope Restoration, Non-Freeway, Type A	8162001	1,691.000	Syd



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 021**Letting Date:** June 2, 2023**Contract ID:** 09000-218339

Description: 0.63 mi of hot mix asphalt rehabilitation, concrete curb, gutter, sidewalk and ramps and pavement markings on Kosciuszko Avenue from Jackson Street to Johnson 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
218339A	23A0495	N/A	STUL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$101,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	1,090.000	Ft
0015	Sidewalk, Rem	2040055	969.000	Syd
0020	_ Pavt, Rem, Modified	2047011	45.000	Syd
0025	Embankment, CIP	2050010	18.000	Cyd
0030	Excavation, Earth	2050016	78.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0040	Aggregate Base	3020001	1,237.000	Ton
0045	Aggregate Base, 4 inch	3020010	296.000	Syd
0050	Aggregate Base, 6 inch	3020016	248.000	Syd
0055	Maintenance Gravel	3060020	200.000	Ton
0060	Dr Structure Cover, Adj, Case 1, Modified	4030004	67.000	Ea
0065	Dr Structure Cover, Type B	4030010	11.000	Ea
0070	Dr Structure Cover, Type K	4030050	11.000	Ea
0075	_ Structure Collar, 24 inch, Modified	4037050	32.000	Ea
0080	_ Structure Collar, 48 inch, Modified	4037050	34.000	Ea
0085	HMA Surface, Rem	5010005	18,334.000	Syd
0090	HMA, 4EML	5012025	2,223.000	Ton
0095	HMA, 5EML	5012037	2,223.000	Ton
0100	_ HMA Pavt Repair, Modified	5017011	48.000	Syd
0105	Curb and Gutter, Conc, Det F4	8020038	604.000	Ft
0110	Curb Ramp Opening, Conc	8030030	485.000	Ft
0115	_ Detectable Warning Surface, Modified	8037001	309.000	Ft
0120	_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	3,644.000	Sft
0125	_ Sidewalk, Conc, 4 inch, Modified	8037010	5,087.000	Sft
0130	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	725.000	Ft
0135	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	220.000	Ft

0140	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	220.000	Ft
0145	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	786.000	Ft
0155	Pavt Mrkg, Waterborne, 6 inch, White	8110233	333.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	6.000	Ft
0165	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	786.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	333.000	Ft
0175	Recessing Pavt Mrkg, Longit	8110450	1,345.000	Ft
0180	Recessing Pavt Mrkg, Transv	8110451	964.000	Sft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	140.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	140.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	13,400.000	Ft
0215	Plastic Drum, Fluorescent, Furn	8120252	220.000	Ea
0220	Plastic Drum, Fluorescent, Oper	8120253	220.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	541.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	541.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Turf Establishment, Performance	8167011	656.000	Syd



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 022**Letting Date:** June 2, 2023**Contract ID:** 11000-206615**Description:** 0.05 mi of signal modernization on Pipestone Road from Wall Street to Empire Avenue at 5 intersections in the city of Benton Harbor, Berrien County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206615A	23A0512	N/A	CRSM 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$17,500.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	30.000	Syd
0015	Exploratory Investigation, Vertical	2040080	30.000	Ft
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0025	Sidewalk, Conc, 4 inch	8030044	250.000	Sft
0030	Sign, Type III, Rem	8100403	10.000	Ea
0035	Sign, Type IIIB	8100405	30.000	Sft
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	400.000	Ft
0045	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0050	Rem Spec Mrkg	8110343	580.000	Sft
0055	Pedestrian Type II Barricade, Temp	8120026	10.000	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	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0080	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0095	Traf Regulator Control	8120370	1.000	LSUM
0100	Slope Restoration, Non-Freeway, Type B	8162002	100.000	Syd
0105	Power Company (Estimated Cost to Contractor)	8180001	2,000.000	Dlr
0110	Conduit, DB, 1, 1 1/2 inch	8182048	85.000	Ft
0115	Conduit, DB, 3, 3 inch	8182056	15.000	Ft
0120	Conduit, DB, 4, 3 inch	8182059	35.000	Ft
0125	Hh, Round, 3 foot dia	8182319	1.000	Ea
0130	Metered Serv	8182338	1.000	Ea
0135	Metered Serv, Rem	8182339	1.000	Ea
0140	Serv Disconnect	8182366	1.000	Ea

0145	Serv Disconnect, Rem	8182367	1.000	Ea
0150	Controller and Cabinet, Rem	8200030	1.000	Ea
0155	Controller Fdn, Base Mtd	8200045	1.000	Ea
0160	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	5.000	Ea
0165	Pedestal, Alum	8200100	2.000	Ea
0170	Pedestal, Fdn	8200105	3.000	Ea
0175	Pedestal, Pushbutton, Alum	8200118	1.000	Ea
0180	Pushbutton and Sign	8200121	4.000	Ea
0185	Pushbutton, Rem	8200122	4.000	Ea
0190	TS, Mast Arm Mtd, Rem	8200177	8.000	Ea
0195	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
0200	Riser, Rem	8200185	1.000	Ea
0205	Cabinet, NEMA Type	8200186	1.000	Ea
0210	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0215	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0220	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0225	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0230	Cellular Modem, TS, 4th G	8200498	5.000	Ea
0235	TS Uninterruptible Power System	8200500	1.000	Ea
0240	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0245	_ Multi-Sensor Vehicle Detection Sensor, Camera Sensor	8207050	4.000	Ea
0250	_ Multi-Sensor Vehicle Detection System, Modified	8207050	1.000	Ea
0255	_ Universal Camera Bracket and Extension	8207050	4.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 023**Letting Date:** June 2, 2023**Contract ID:** 82000-215552

Description: 0.82 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on Van Born Road from Beech-Daly Road easterly to Telegraph Road (US-24) in the cities of Dearborn Heights and Taylor, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215552A	23A0497	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$166,600.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	225.000	Ft
0015	Sidewalk, Rem	2040055	304.000	Syd
0020	_ Pavt Repr, Remove, Patching	2047011	2,600.000	Syd
0025	_ Misc Obstruction, Rem	2047021	1.000	Cyd
0030	Excavation, Earth	2050016	60.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0040	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0045	Project Cleanup	2090001	1.000	LSUM
0050	Dr Structure, Temp Lowering	4030390	20.000	Ea
0055	_ Dr Structure Reconstruct	4037001	15.000	Ft
0060	_ Dr Structure Cover, Adj	4037050	48.000	Ea
0065	_ Dr Structure Cover, Adj, Furn Cover A	4037050	2.000	Ea
0070	_ Dr Structure Cover, Adj, Furn Cover S	4037050	2.000	Ea
0075	Cold Milling HMA Surface	5010002	32,319.000	Syd
0080	_ Bit Mixture for Patching, Temp	5017031	50.000	Ton
0085	_ Conditioning Existing Pavement	5017031	660.000	Ton
0090	_ Misc HMA Approach	5017031	106.000	Ton
0095	_ Misc HMA, 4EMH	5017031	4,089.000	Ton
0100	_ Misc HMA, 5EMH	5017031	2,801.000	Ton
0105	_ Misc HMA, Wedge	5017031	170.000	Ton
0110	Joint, Contraction, Cp	6020200	1,040.000	Ft
0115	Joint, Expansion, E2	6020207	156.000	Ft
0120	_ Cold Weather Protection, Conc Pavt	6027011	4,162.000	Syd
0125	Lane Tie, Epoxy Anchored	6030030	175.000	Ea
0130	_ Pavt Repr, Nonreinf Conc, Patching	6037011	2,600.000	Syd
0135	Curb and Gutter, Conc, Det F5	8020039	100.000	Ft

0140	_ Conc Curb Cap	8027001	231.000	Ft
0145	_ Conc Curb Cap, Patching	8027001	1,099.000	Ft
0150	Detectable Warning Surface	8030010	125.000	Ft
0155	Curb Ramp Opening, Conc	8030030	225.000	Ft
0160	Curb Ramp, Conc, 4 inch	8032001	2,013.000	Sft
0165	_ Curb Ramp, Conc, 8 inch	8037010	736.000	Sft
0170	_ Field Office	8097043	4.000	Mo
0175	_ Sign, Type B, Perm	8107010	121.000	Sft
0180	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	710.000	Ft
0185	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	260.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0195	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0200	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,000.000	Ft
0205	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	8,500.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0220	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0225	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0235	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	800.000	Ft
0245	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,400.000	Ft
0250	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
0260	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	800.000	Ft
0265	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,400.000	Ft
0270	Sign Cover	8120310	2.000	Ea
0275	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0280	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0285	Sign, Type B, Temp, Prismatic, Furn	8120350	816.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	816.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	28.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	28.000	Sft
0305	Traf Regulator Control	8120370	1.000	LSUM
0310	Topsoil Surface, Furn, 2 inch	8160060	1,499.000	Syd
0315	Water, Sodding/Seeding	8160090	46.000	Unit
0320	_ Sodding, Modified	8167011	1,499.000	Syd
0325	Monument Box Adj	8210005	1.000	Ea
0330	Monument Preservation	8210010	1.000	Ea
0335	Staking Plan Errors and Extras, Max \$180/hour	8240002	15.000	Hr
0340	_ Contractor Staking, Modified	8247051	1.000	LSUM



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 024**Letting Date:** June 2, 2023**Contract ID:** 70000-211753

Description: 2.34 mi of hot mix asphalt shared-use path and bridge reconstruction and rehabilitation including timber boardwalk, railing, expansion joint and pavement markings on Green Street from 144th Avenue to 128th Avenue and 128th Avenue from Green Street to North Cedar Drive, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211753A	23A0345	N/A	TAUL 70000
212256A	23A0498	N/A	BFP 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$394,000.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	55.000	Ea
0015	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	191.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	33.000	Ea
0030	Curb and Gutter, Rem	2040020	170.000	Ft
0035	Guardrail, Rem	2040035	395.000	Ft
0040	Pavt, Rem	2040050	450.000	Syd
0045	Sidewalk, Rem	2040055	14.000	Syd
0050	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0055	Aggregate Base, 6 inch	3020016	18,400.000	Syd
0060	Dr Structure Cover, Type B	4030010	1.000	Ea
0065	Dr Structure, 24 inch dia	4030200	1.000	Ea
0070	HMA Surface, Rem	5010005	700.000	Syd
0075	Hand Patching	5010025	18.000	Ton
0080	_ Modular Concrete Block Retaining Wall (Large Block)	7067010	1,200.000	Sft
0085	_ Modular Concrete Block Retaining Wall (Small Block)	7067010	550.000	Sft
0090	_ Rub Rail	7097001	165.000	Ft
0095	Curb and Gutter, Conc, Det F4	8020038	108.000	Ft
0100	Detectable Warning Surface	8030010	42.000	Ft
0105	Curb Ramp Opening, Conc	8030030	62.000	Ft
0110	Sidewalk, Conc, 6 inch	8030046	240.000	Sft
0115	Curb Ramp, Conc, 6 inch	8032002	450.000	Sft
0120	Shared use Path, Grading	8060030	13,400.000	Ft

0125	Shared use Path, HMA	8060040	2,650.000	Ton
0130	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0135	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0140	Guardrail, Type MGS-8, 72 inch Post	8072179	38.000	Ft
0145	_ Guardrail Departing Terminal, Type MGS, Modified	8077050	1.000	Ea
0150	Fence, Moving	8080120	200.000	Ft
0155	_ Railing Fence	8087001	200.000	Ft
0160	Band, Sign	8100010	8.000	Ea
0165	Post, Steel, 3 pound	8100371	164.000	Ft
0170	Sign, Type III, Erect, Salv	8100402	30.000	Ea
0175	Sign, Type III, Rem	8100403	30.000	Ea
0180	Sign, Type IIIA	8100404	80.000	Sft
0185	Sign, Type IIIB	8100405	81.000	Sft
0190	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0195	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	750.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0205	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	375.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,300.000	Ft
0215	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,300.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0230	Conc Barrier, Temp, Furn	8120081	660.000	Ft
0235	Conc Barrier, Temp, Oper	8120082	660.000	Ft
0240	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0245	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0255	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,600.000	Ft
0260	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	30.000	Ft
0265	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	690.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0275	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0285	PTS System, Temp, Furn	8120270	1.000	Ea
0290	PTS System, Temp, Oper	8120271	1.000	Ea
0295	Sign, Type B, Temp, Prismatic, Furn	8120350	742.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	742.000	Sft
0305	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	184.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	184.000	Sft
0315	_ Sprinkler System, Relocation	8157050	2.000	Ea
0320	Slope Restoration, Non-Freeway, Type A	8162001	15,000.000	Syd
0325	Pedestal, Alum	8200100	2.000	Ea
0330	Pedestal, Fdn	8200105	2.000	Ea

0335	Pushbutton and Sign	8200121	2.000	Ea
0340	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	2.000	Ea

Section: 2

0345	Asbestos Materials, Rem and Disposal	2040001	105,000.000	Dir
0350	Backfill, Structure, CIP	2060002	138.000	Cyd
0355	Excavation, Fdn	2060010	154.000	Cyd
0360	Erosion Control, Filter Bag	2080014	7.000	Ea
0365	Cofferdams	7040007	1.000	LSUM
0370	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0375	Pile, Steel, Furn and Driven, 14 inch	7050034	2,172.000	Ft
0380	Pile, Steel, Splice	7050050	40.000	Ea
0385	_ Helical Pile, Installed	7057001	1,840.000	Ft
0390	_ Pile, Treated Timber, Driven, Modified	7057001	2,880.000	Ft
0395	_ Helical Pile, Furn	7057050	46.000	Ea
0400	_ Helical Pile, Load Test	7057050	2.000	Ea
0405	_ Pile, Treated Timber, Furn, Modified	7057050	72.000	Ea
0410	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0415	Bridge Ltg, Oper and Maintain	7060002	236.000	Cyd
0420	Expansion Joint Device, Cover Plate	7060051	28.000	Ft
0425	False Decking	7060060	11,388.000	Sft
0430	Reinforcement, Steel, Epoxy Coated	7060092	84,038.000	Lb
0435	Substructure Conc	7060100	50.000	Cyd
0440	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0445	Superstructure Conc, Night Casting	7060113	236.000	Cyd
0450	Sealing Localized Cracks	7060220	1.000	LSUM
0455	Conc, Grade 3500, Subfooting	7062000	2.000	Cyd
0460	Conc, Grade 3500	7062001	42.000	Cyd
0465	Conc, Grade 4500	7062003	56.000	Cyd
0470	_ Expansion Joint Device, Modified	7067001	118.000	Ft
0475	_ Structure Name Plate, Salvage	7067050	2.000	Ea
0480	Bearing, Elastomeric, 1 inch	7070012	1,850.000	Sin
0485	Bushing	7070030	48.000	Ea
0490	Shear Developers	7070040	1.000	LSUM
0495	Structural Steel, Mixed, Erect	7070050	1,477.000	Lb
0500	Structural Steel, Mixed, Furn and Fab	7070051	1,477.000	Lb
0505	Structural Steel, Plate, Erect	7070060	16,287.000	Lb
0510	Structural Steel, Plate, Furn and Fab	7070061	16,287.000	Lb
0515	Structural Steel, Rolled Shape, Erect	7070070	91,554.000	Lb
0520	Structural Steel, Rolled Shape, Furn and Fab	7070071	91,554.000	Lb
0525	_ 14 ft Wide Treated Timber Boardwalk	7097001	382.000	Ft
0530	_ Treated Timber Retaining Wall	7097010	200.000	Sft
0535	Joint Waterproofing	7100001	58.000	Sft
0540	Penetrating Healer/Sealer, Bridge Deck	7100025	1,400.000	Syd

0545	Bridge Railing, Aesthetic Parapet Tube	7110005	420.000	Ft
0550	_ Bridge Railing, 2 Tube, Modified	7117001	404.000	Ft
0555	_ Bridge Railing, Pedestrian, 34 Inch	7117001	46.000	Ft
0560	_ Bridge Railing, Pedestrian, 42 Inch	7117001	392.000	Ft
0565	_ Rail Element, Replace	7117001	1,260.000	Ft
0570	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	16.000	Ea
0575	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	14.000	Ea
0580	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	48.000	Ea
0585	Adhesive Anchoring of Vertical Bar, 7/8 inch	7120035	160.000	Ea
0590	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0595	Deck Joint, Rem	7120071	81.000	Ft
0600	Embedded Galvanic Anode	7120120	88.000	Ea
0605	_ Adhesive Anchoring of Horizontal Bar, 1 inch	7127050	10.000	Ea
0610	_ Drain Casting Assembly, Salvage	7127050	10.000	Ea
0615	_ Rail Post, Relocate	7127050	2.000	Ea
0620	Beam Plate, Seal Perimeter	7130010	528.000	Ft
0625	Hanger Assembly, Field Measurement	7130030	12.000	Ea
0630	Hanger Assembly, Rem and Erect	7130031	12.000	Ea
0635	Structural Steel, Furn and Fab, Pin and Hanger	7130070	2,434.000	Lb
0640	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,273.000	Lb
0645	Support, Suspension, Temp	7130082	12.000	Ea
0650	_ End Diaphragm, Salvage	7137050	4.000	Ea
0655	Protective Shield, Utility Pipe	7150025	420.000	Ft
0660	Steel Structure, Cleaning, Partial, Type 4	7150047	1.000	LSUM
0665	_ Metallizing	7157051	1.000	LSUM
0670	Field Repr of Damaged Coating	7160001	1.000	LSUM
0675	Drain Casting Assembly, Type 1	7172020	10.000	Ea
0680	Slope Paving, Conc	8130020	50.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230602 025**Letting Date:** June 2, 2023**Contract ID:** 77000-218139

Description: 0.61 mi of hot mix asphalt cold milling and resurfacing, base repairs, sidewalk ramps and pavement markings on Ravenswood Road from west of Carolina Avenue to Michigan Avenue in the city of Marysville, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218139A	23A0519	N/A	STUL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$32,600.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	92.000	Ft
0015	Sidewalk, Rem	2040055	80.000	Syd
0020	_ Subgrade Undercutting, Modified	2057021	100.000	Cyd
0025	_ Aggregate Base, Modified	3027031	100.000	Ton
0030	_ Approach, CI II, Modified	3077031	50.000	Ton
0035	_ Shld, CI II, Modified	3077031	100.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0045	Dr Structure, Temp Lowering	4030390	4.000	Ea
0050	Pavt, Cleaning	5010001	1.000	LSUM
0055	Cold Milling HMA Surface	5010002	11,550.000	Syd
0060	HMA Surface, Rem	5010005	500.000	Syd
0065	Hand Patching	5010025	200.000	Ton
0070	HMA, 4EML	5012025	1,300.000	Ton
0075	Detectable Warning Surface	8030010	42.000	Ft
0080	Curb Ramp Opening, Conc	8030030	92.000	Ft
0085	Sidewalk, Conc, 4 inch	8030044	150.000	Sft
0090	Curb Ramp, Conc, 6 inch	8032002	452.000	Sft
0095	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,250.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,500.000	Ft
0105	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	36.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	600.000	Ft
0150	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0155	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	_ Lawn Restoration, Hydroseed	8167011	200.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230602 026**Letting Date:** June 2, 2023**Contract ID:** 25000-216232**Description:** 0.46 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Elms Road from Flushing Road to Pierson Road, Genesee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216232A	23A0514	N/A	HICU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$23,000.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	21.000	Ea
0015	HMA, 4C	5010032	1,466.000	Ton
0020	_ Cold Milling HMA Surface, Modified	5017011	16,171.000	Syd
0025	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	88.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,620.000	Ft
0045	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,835.000	Ft
0050	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,620.000	Ft
0055	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,835.000	Ft
0060	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0065	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0075	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
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, White, Temp	8120245	400.000	Ft
0105	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	400.000	Ft
0110	Sign Cover	8120310	10.000	Ea
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	499.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	499.000	Sft
0125	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230602 027**Letting Date:** June 2, 2023**Contract ID:** 82000-215679

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, curb ramps and pavement markings on Wick Road from Beech Daly Road easterly to west of Telegraph Road (US-24) in the city of Taylor, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215679A	23A0471	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$97,300.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	229.000	Ft
0015	Pavt, Rem	2040050	65.000	Syd
0020	Sidewalk, Rem	2040055	73.000	Syd
0025	Excavation, Earth	2050016	49.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0040	Project Cleanup	2090001	1.000	LSUM
0045	Subbase, CIP	3010002	50.000	Cyd
0050	Aggregate Base, 6 inch	3020016	235.000	Syd
0055	Aggregate Base, 7 inch	3020018	100.000	Syd
0060	Shld, CI II	3070121	339.000	Ton
0065	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0070	Dr Structure Cover, Type B	4030010	2.000	Ea
0075	Dr Structure Cover, Type K	4030050	2.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0085	Pavt, Cleaning	5010001	1.000	LSUM
0090	Cold Milling HMA Surface	5010002	18,377.000	Syd
0095	HMA Surface, Rem	5010005	223.000	Syd
0100	Pavt for Butt Joints, Rem	5010008	320.000	Syd
0105	Pavt Joint and Crack Repr, Det 8	5010021	560.000	Ft
0110	Hand Patching	5010025	96.000	Ton
0115	HMA Approach	5010061	654.000	Ton
0120	HMA, 4EML	5012025	2,186.000	Ton
0125	HMA, 5EML	5012037	1,953.000	Ton
0130	Lane Tie, Epoxy Anchored	6030030	15.000	Ea
0135	Pavt Repr, Rem	6030080	334.000	Syd

0140	Driveway, Nonreinf Conc, 6 inch	8010005	65.000	Syd
0145	Curb and Gutter, Conc, Det F4	8020038	150.000	Ft
0150	Driveway Opening, Conc, Det M	8020050	30.000	Ft
0155	_ Curb and Gutter, Conc, Det F4, Modified	8027001	97.000	Ft
0160	Detectable Warning Surface	8030010	40.000	Ft
0165	Curb Ramp Opening, Conc	8030030	49.000	Ft
0170	Curb Ramp, Conc, 6 inch	8032002	515.000	Sft
0175	_ Brick Pavers, Rem and Salv	8037010	30.000	Sft
0180	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	30.000	Sft
0185	Post, Mailbox	8070095	30.000	Ea
0190	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	9,020.000	Ft
0195	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	9,800.000	Ft
0200	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	350.000	Ft
0205	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	136.000	Ft
0210	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0225	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Plastic Drum, Fluorescent, Furn	8120252	175.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	175.000	Ea
0245	Sign Cover	8120310	4.000	Ea
0250	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0255	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	667.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	667.000	Sft
0270	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	136.000	Sft
0275	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	136.000	Sft
0280	Slope Restoration, Non-Freeway, Type A	8162001	428.000	Syd
0285	Monument Preservation	8210010	1.000	Ea
0290	Contractor Staking	8240001	1.000	LSUM
0295	Staking Plan Errors and Extras, Max \$180/hour	8240002	11.000	Hr
0300	Sanitary Structure Cover, Adj, Case 1	8252145	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 028**Letting Date:** June 2, 2023**Contract ID:** 81000-211633**Description:** Construction of communication tower, backhaul radios to establish links and provide redundancy and weather stations on various routes countywide, Washtenaw County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211633A	23A0482	N/A	CMG 81000
211642A	23A0488	N/A	CMG 81121

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$166,500.00	1100001	1.000	LSUM
0010	Perforated Steel Square Tube Breakaway System	8100330	7.000	Ea
0015	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0020	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0025	Minor Traf Devices	8120170	1.000	LSUM
0030	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0035	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0040	Sign, Type A, Temp, Prismatic, Furn	8120340	72.000	Sft
0045	Sign, Type A, Temp, Prismatic, Oper	8120341	72.000	Sft
0050	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0055	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0060	Cable, Sec, 600V, 1, 3/C#6	8182238	50.000	Ft
0065	Serv Disconnect	8182366	1.000	Ea
0070	Wood Pole, Fit Up, Sec Serv Pole	8182382	1.000	Ea
0075	_ Bracket Arm, 18 Foot, 5 Foot Rise	8187050	3.000	Ea
0080	Controller and Cabinet, Rem	8200030	1.000	Ea
0085	TS, Managed Field Ethernet Switch, Rem	8200087	3.000	Ea
0090	Cabinet, Rem	8200184	1.000	Ea
0095	Video Traf Detection System, Rem	8200383	1.000	Ea
0100	Video Traf Detection Camera, Rem	8200384	9.000	Ea
0105	Wireless Repeater, Rem	8200418	9.000	Ea
0110	Wireless Vehicle Detection System	8200422	3.000	Ea
0115	Wireless Vehicle Sensor Node	8200425	69.000	Ea
0120	Wireless Vehicle Sensor Node, Rem	8200426	21.000	Ea
0125	Cellular Modem, TS, 4th G	8200498	2.000	Ea
0130	Radar Vehicle Dilemma Zone Detector Sensor, Rem	8200524	1.000	Ea
0135	_ Broadband Single Radio, Rem	8207050	11.000	Ea

0140	_ Cell Modem, Rem	8207050	1.000	Ea
0145	_ Controller and Cabinet, Base Mount (TS2)	8207050	1.000	Ea
0150	_ Luminaire Arm, Rem	8207050	1.000	Ea
0155	_ Managed Ethernet Switch	8207050	6.000	Ea
0160	_ RWIS, Install Only	8207050	2.000	Ea
0165	_ Solar System, Salv	8207050	1.000	Ea
0170	_ TS, Controller (EOS)	8207050	5.000	Ea
0175	_ TS, Controller, Rem	8207050	5.000	Ea
0180	_ TS, MMU	8207050	2.000	Ea
0185	_ Video Surveillance Camera, PTZ with Multiview	8207050	7.000	Ea
0190	_ Video Surveillance Camera, Rem	8207050	2.000	Ea
0195	_ Wireless Interconnect	8207050	12.000	Ea
0200	_ Wireless Repeater, Flex	8207050	16.000	Ea
0205	_ Wireless Vehicle Detection System, Upgrade	8207050	3.000	Ea
0210	_ Centralized Adaptive System Expansion	8207060	1.000	Dlr
0215	_ Headend System Modernization	8207060	1.000	Dlr
0220	_ RWIS Integration	8207060	1.000	Dlr
0225	Uninterruptible Power Supply, Rem	8260146	2.000	Ea
0230	_ Uninterruptible Power Supply, ITS, Modified	8267050	7.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 029**Letting Date:** June 2, 2023**Contract ID:** 55000-218918**Description:** 0.01 mi of culvert replacement on 22 Mile Road (County Road 354) at Big Brook, Menominee County.
This is Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218918A	23A0505	N/A	STL 55000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$30,800.00	1100001	1.000	LSUM
0010	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0015	Guardrail, Rem	2040035	90.000	Ft
0020	Excavation, Earth	2050016	115.000	Cyd
0025	Backfill, Structure, CIP	2060002	376.000	Cyd
0030	Erosion Control, Maintenance, Sediment Rem	2080026	3.000	Cyd
0035	Erosion Control, Silt Fence	2080036	240.000	Ft
0040	Aggregate Base, 8 inch	3020020	215.000	Syd
0045	_ Shld, CI II, 3 1/2 inch	3077011	35.000	Syd
0050	Culv Bedding, Box Culv	4060005	30.000	Cyd
0055	_ Culv, Precast Conc Box, 14 Foot by 6 Foot, Modified	4067001	36.000	Ft
0060	HMA Surface, Rem	5010005	185.000	Syd
0065	HMA Approach	5010061	40.000	Ton
0070	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0075	Guardrail Reflector	8070080	11.000	Ea
0080	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	50.000	Ft
0085	Guardrail, Type MGS-8, 108 inch Post	8072180	325.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	240.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	30.000	Ft
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0110	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0115	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0135	Sign, Type B, Temp, Prismatic, Furn	8120350	571.000	Sft

0140	Sign, Type B, Temp, Prismatic, Oper	8120351	571.000	Sft
0145	Traf Regulator Control	8120370	1.000	LSUM
0150	Riprap, Plain	8130010	30.000	Syd
0155	Slope Restoration, Non-Freeway, Type B	8162002	90.000	Syd
0160	Slope Restoration, Non-Freeway, Type C	8162003	30.000	Syd
0165	Contractor Staking	8240001	1.000	LSUM
0170	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230602 030**Letting Date:** June 2, 2023**Contract ID:** 82000-212676-2

Description: 1.10 mi of hot mix asphalt cold milling and resurfacing, concrete base course, storm sewer, curb ramps, signing and pavement markings on Oakwood Boulevard from west of Beech Street southeasterly to west of Rotunda Drive in the city of Dearborn, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212676A	N/A	N/A	EDA 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$993,500.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	11.000	Ea
0015	Dr Structure, Rem	2030011	39.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	1,128.000	Ft
0025	Curb, Rem	2040021	2,095.000	Ft
0030	Pavt, Rem	2040050	11,143.000	Syd
0035	Sidewalk, Rem	2040055	2,746.000	Syd
0040	Exploratory Investigation, Vertical	2040080	340.000	Ft
0045	_ Pavt Repr, Remove, Patching	2047011	1,578.000	Syd
0050	_ Misc Obstruction, Rem	2047021	27.000	Cyd
0055	Excavation, Earth	2050016	812.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0065	_ Embankment, CIP, Modified	2057021	1,451.000	Cyd
0070	_ Subgrade Undercutting, Type IV, Modified	2057021	1,220.000	Cyd
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	71.000	Ea
0080	Project Cleanup	2090001	1.000	LSUM
0085	Subbase, CIP	3010002	693.000	Cyd
0090	_ Aggregate Base, 12 inch, Modified	3027011	897.000	Syd
0095	_ Aggregate Base, 8 inch, Modified	3027011	9,633.000	Syd
0100	_ Maintenance Aggregate, 21AA	3027031	25.000	Ton
0105	Geotextile, Stabilization	3080010	8,267.000	Syd
0110	Dr Marker Post	4011109	5.000	Ea
0115	Sewer, Cl A, 12 inch, Tr Det B	4020033	817.000	Ft
0120	Sewer, Cl B, 12 inch, Tr Det B	4020183	31.000	Ft
0125	Sewer, Cl B, 18 inch, Tr Det B	4020185	93.000	Ft
0130	Sewer, Cl B, 24 inch, Tr Det B	4020186	136.000	Ft

0135	Sewer, CI B, 30 inch, Tr Det B	4020187	2,959.000	Ft
0140	Sewer, CI C, 30 inch, Tr Det B	4020337	1,230.000	Ft
0145	Sewer Tap, 15 inch	4021205	1.000	Ea
0150	Sewer Tap, 30 inch	4021208	1.000	Ea
0155	Sewer Bulkhead, 15 inch	4021231	6.000	Ea
0160	Sewer Bulkhead, 18 inch	4021232	3.000	Ea
0165	Video Taping Sewer and Culv Pipe	4021275	5,457.000	Ft
0170	_ Sewer, CI C, 30 inch, Jacked in Place, Modified	4027001	92.000	Ft
0175	Dr Structure, Cleaning	4030290	35.000	Ea
0180	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0185	Dr Structure, Temp Lowering	4030390	10.000	Ea
0190	Mh Base, 54 inch, Type 1	4030411	1.000	Ea
0195	Mh Riser	4030505	22.000	Ft
0200	_ Catch Basin A, Cover S	4037050	30.000	Ea
0205	_ Dr Structure Cover, Adj	4037050	66.000	Ea
0210	_ Mh C, 60 inch dia, Cover A	4037050	29.000	Ea
0215	_ San Structure Cover, Adj, Furn Cover	4037050	4.000	Ea
0220	_ Underdrain, Subgrade, Shallow, 6 inch	4047001	956.000	Ft
0225	Pavt, Cleaning	5010001	1.000	LSUM
0230	Cold Milling HMA Surface	5010002	41,070.000	Syd
0235	HMA Surface, Rem	5010005	9,742.000	Syd
0240	Pavt for Butt Joints, Rem	5010008	487.000	Syd
0245	_ Condition Existing Pavement	5017031	825.000	Ton
0250	_ Misc HMA Approach	5017031	62.000	Ton
0255	_ Misc HMA, 2EMH	5017031	197.000	Ton
0260	_ Misc HMA, 3EMH	5017031	1,279.000	Ton
0265	_ Misc HMA, 4EMH	5017031	4,361.000	Ton
0270	_ Misc HMA, 5EMH	5017031	3,440.000	Ton
0275	_ Misc HMA, Hand Patching	5017031	400.000	Ton
0280	_ Misc HMA, Wedge	5017031	550.000	Ton
0285	Joint, Contraction, Cp	6020200	5,351.000	Ft
0290	Joint, Expansion, E2	6020207	310.000	Ft
0295	_ Cold Weather Protection, Conc Pavt	6027011	6,000.000	Syd
0300	_ Conc Base Cse, Nonreinf, 10 inch, Modified	6027011	10,231.000	Syd
0305	_ Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	1,149.000	Syd
0310	Joint, Contraction, Crg	6030020	1,795.000	Ft
0315	Lane Tie, Epoxy Anchored	6030030	5,683.000	Ea
0320	Coating Galvanized Support Structures	7160010	18.000	Ea
0325	Curb, Conc, Det E4	8020004	1,430.000	Ft
0330	Curb and Gutter, Conc, Det F5	8020039	10.000	Ft
0335	Detectable Warning Surface	8030010	156.000	Ft
0340	Sidewalk, Conc, 4 inch	8030044	8,531.000	Sft
0345	Curb Ramp, Conc, 6 inch	8032002	2,211.000	Sft
0350	Band, Sign	8100010	29.000	Ea
0355	Post Hole Through Conc for Steel Post	8100340	2.000	Ea

0360	Sign, Type II, Rem	8100397	1.000	Ea
0365	Sign, Type III, Rem	8100403	45.000	Ea
0370	Sign, Type IIIA	8100404	7.000	Sft
0375	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0380	_ Sign, Type B, Perm	8107010	361.000	Sft
0385	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	695.000	Ft
0390	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	430.000	Ft
0395	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0405	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0410	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	14,723.000	Ft
0415	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	14,703.000	Ft
0420	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow	8110213	574.000	Ft
0425	Rem Spec Mrkg	8110343	145.000	Sft
0430	Recessing Pavt Mrkg, Longit	8110450	29,659.000	Ft
0435	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0445	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0450	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0455	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0465	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,892.000	Ft
0470	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	152.000	Ft
0475	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	12,460.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	25,737.000	Ft
0485	Plastic Drum, Fluorescent, Furn	8120252	225.000	Ea
0490	Plastic Drum, Fluorescent, Oper	8120253	225.000	Ea
0495	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	3.000	Ea
0500	Sign Cover	8120310	5.000	Ea
0505	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0510	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0515	Sign, Type B, Temp, Prismatic, Furn	8120350	313.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	313.000	Sft
0525	Traf Regulator Control	8120370	1.000	LSUM
0530	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	600.000	Ft
0535	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	600.000	Ft
0540	Pedestrian Ramp, Temp	8122251	5.000	Ea
0545	Topsoil Surface, Furn, 3 inch	8160061	4,549.000	Syd
0550	Water, Sodding/Seeding	8160090	140.000	Unit
0555	_ Sodding, Modified	8167011	4,549.000	Syd

0560	Power Company (Estimated Cost to Contractor)	8180001	4,000.000	Dlr
0565	Conduit, Rem	8182000	439.000	Ft
0570	Conduit, Directional Bore, 2, 4 inch	8182038	85.000	Ft
0575	Conduit, Directional Bore, 3, 3 inch	8182039	505.000	Ft
0580	Conduit, DB, 1, 1 1/2 inch	8182048	370.000	Ft
0585	Conduit, DB, 1, 3 inch	8182050	370.000	Ft
0590	Conduit, DB, 3, 3 inch	8182056	475.000	Ft
0595	Conduit, DB, 4, 3 inch	8182059	40.000	Ft
0600	DB Cable, in Conduit, Rem	8182197	255.000	Ft
0605	Cable, Sec, 600V, 1, 3/C#6	8182238	795.000	Ft
0610	Hh, Polymer Conc	8182309	8.000	Ea
0615	Hh, Round	8182310	13.000	Ea
0620	Hh, Round, 3 foot dia	8182319	3.000	Ea
0625	Serv Disconnect, Rem	8182367	2.000	Ea
0630	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	2.000	Ea
0635	_ Conduit, DB, 1, 1 inch	8187001	80.000	Ft
0640	Light Std Fdn, Rem	8190280	1.000	Ea
0645	Light Std Shaft, Rem	8190305	1.000	Ea
0650	Luminaire, Rem	8190360	1.000	Ea
0655	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	1.000	Ea
0660	Case Sign, Rem	8200020	4.000	Ea
0665	Controller and Cabinet, Rem	8200030	4.000	Ea
0670	Controller Fdn, Base Mtd	8200045	3.000	Ea
0675	Global Positioning System Module	8200050	4.000	Ea
0680	Fdn, Rem	8200065	7.000	Ea
0685	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	4.000	Ea
0690	Pedestal, Alum	8200100	8.000	Ea
0695	Pedestal, Fdn	8200105	11.000	Ea
0700	Pedestal Fdn, Rem	8200106	6.000	Ea
0705	Pedestal, Rem	8200110	6.000	Ea
0710	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
0715	Pushbutton and Sign	8200121	6.000	Ea
0720	Pushbutton, Rem	8200122	4.000	Ea
0725	Pushbutton, Pedestal, Alum	8200123	1.000	Ea
0730	Span Wire, Rem	8200141	6.000	Ea
0735	Steel Pole, Rem	8200145	7.000	Ea
0740	TS, Pedestal Mtd, Rem	8200179	3.000	Ea
0745	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	5.000	Ea
0750	TS, Pedestrian, Pedestal Mtd, Rem	8200181	6.000	Ea
0755	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0760	Cabinet, NEMA Type	8200186	4.000	Ea
0765	TS, One Way Mast Arm Mtd, Salv	8200251	2.000	Ea
0770	TS, One Way Mast Arm Mtd, RTGA (LED)	8200301	1.000	Ea
0775	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	3.000	Ea
0780	TS, Pedestrian, One Way Bracket Arm Mtd (LED)	8200336	3.000	Ea

	Countdown			
0785	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0790	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0795	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	5.000	Ea
0800	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0805	TS, One Way Mast Arm Mtd (LED)	8200359	22.000	Ea
0810	Video Traf Detection System	8200380	4.000	Ea
0815	Video Traf Detection Camera	8200381	14.000	Ea
0820	TS Head, Adj	8200452	13.000	Ea
0825	TS Head, Temp	8200453	15.000	Ea
0830	Junction Box, Rem	8200457	3.000	Ea
0835	TS Face, Bag	8200458	33.000	Ea
0840	TS Face, Bag, Rem	8200459	33.000	Ea
0845	Casing	8200480	144.000	Ft
0850	Cellular Modem, TS, 4th G	8200498	4.000	Ea
0855	Backplate, TS	8200501	25.000	Ea
0860	Mast Arm Pole, Cat I	8202010	8.000	Ea
0865	Mast Arm, 35 foot, Cat I	8202016	3.000	Ea
0870	Mast Arm, 45 foot, Cat I	8202018	3.000	Ea
0875	Mast Arm, 50 foot, Cat I	8202019	4.000	Ea
0880	Mast Arm Pole Fdn, 6 Bolt	8202034	172.000	Ft
0885	_ Controller, NEMA, ATC Type	8207050	4.000	Ea
0890	_ Pedestal Painting	8207050	8.000	Ea
0895	_ St Name Sign, Two Way, LED, 6 foot	8207050	6.000	Ea
0900	_ St Name Sign, Two Way, LED, 8 foot	8207050	2.000	Ea
0905	Staking Plan Errors and Extras, Max \$180/hour	8240002	108.000	Hr
0910	_ Contractor Staking, Modified	8247051	1.000	LSUM
0915	Sanitary Sewer, PVC, 12 inch, Tr Det B2	8252039	105.000	Ft
0920	Sanitary Structure, 48 inch dia	8252072	3.000	Ea
0925	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	18.000	Ft
0930	_ Sanitary Sewer, PVC, 15 inch, Tr Det B2	8257001	88.000	Ft
0935	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0940	Lightning Protection, Pole	8260021	4.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 031**Letting Date:** June 2, 2023**Contract ID:** 58000-213257

Description: 7.36 mi of hot mix asphalt widening and resurfacing, aggregate shoulders and pavement markings on Sterns Road from Memorial Highway to US-23, Samaria Road from Secor Road to Lewis Avenue, Secor Road from St. Anthony Road to Samaria Road and Secor Road from Samaria Road to Morocco Road, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213257A	23A0480	N/A	STL 58000
213259A	23A0533	N/A	STU 58000
216674A	23A0481	N/A	STL 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Ann Arbor Railroad	1027060	3,000.000	Dlr
0010	Mobilization, Max \$195,400.00	1100001	1.000	LSUM
0015	Guardrail, Rem	2040035	254.000	Ft
0020	Pavt, Rem	2040050	270.000	Syd
0025	Aggregate Base, Conditioning	3020050	150.000	Syd
0030	Maintenance Gravel	3060020	80.000	Ton
0035	Shld, CI II	3070121	2,120.000	Ton
0040	Trenching	3070200	546.000	Sta
0045	Pavt for Butt Joints, Rem	5010008	4,007.000	Syd
0050	Hand Patching	5010025	1.000	Ton
0055	HMA Approach	5010061	725.000	Ton
0060	HMA, 4EML	5012025	5,110.000	Ton
0065	HMA, 5EML	5012037	10,390.000	Ton
0070	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0075	Guardrail Reflector	8070080	10.000	Ea
0080	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	38.000	Ft
0085	Guardrail, Type MGS-8, 72 inch Post	8072179	94.000	Ft
0090	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	76.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, White	8110231	78,400.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	24,100.000	Ft
0105	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	78,400.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	24,100.000	Ft
0115	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0120	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea

0125	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0130	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0135	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	660.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	660.000	Ea
0150	Lighted Arrow, Type B, Furn	8120130	6.000	Ea
0155	Lighted Arrow, Type B, Oper	8120131	6.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	60.000	Ft
0170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,568.000	Ft
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	1,616.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	1,616.000	Sft
0185	Traf Regulator Control	8120370	1.000	LSUM



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 032**Letting Date:** June 2, 2023**Contract ID:** 35000-218471**Description:** 1.20 mi of hot mix asphalt resurfacing and pavement markings on Wickert Road from South Branch Road east to Hale Road, Iosco County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218471A	23A0487	N/A	STL 35000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$17,200.00	1100001	1.000	LSUM
0010	HMA Approach	5010061	70.000	Ton
0015	HMA, 4EL	5012024	2,120.000	Ton
0020	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,350.000	Ft
0025	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,750.000	Ft
0030	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	110.000	Ea
0035	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	110.000	Ea
0040	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0045	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0055	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	288.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	288.000	Sft
0070	Traf Regulator Control	8120370	1.000	LSUM
0075	Monument Box	8210001	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 033**Letting Date:** June 2, 2023**Contract ID:** 77000-205155

Description: 4.35 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Chartier Road from west of King Road easterly to east of Elizabeth Street, King Road from Chartier Road to Marine City Highway, Stone Road from the Algonac city limits to Marsh Road and Marsh Road from Stone Road to Benoit Road, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205155A	23A0503	N/A	STUL 77000
205156A	23A0504	N/A	STUL 77000
218131A	23A0531	N/A	STUL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$68,000.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	_ Shld, CI II, Modified	3077031	447.000	Ton
0020	Cold Milling HMA Surface	5010002	66,878.000	Syd
0025	Hand Patching	5010025	25.000	Ton
0030	HMA, 4EML	5012025	5,850.000	Ton
0035	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	115.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	84.000	Ft
0045	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	182.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	8.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, School	8110074	6.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	669.000	Ft
0075	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,948.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	40,379.000	Ft
0085	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	602.000	Ea
0090	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	602.000	Ea
0095	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,054.000	Ft
0115	Sign Cover	8120310	13.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	955.000	Sft

0125	Sign, Type B, Temp, Prismatic, Oper	8120351	955.000	Sft
0130	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	54.000	Sft
0135	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	54.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0145	_ Monument Box, Special	8127050	17.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 034**Letting Date:** June 2, 2023**Contract ID:** 41000-205664

Description: 1.46 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on Turner Avenue from 6th Street to Richmond Street and Turner Avenue NW from 4th Street NW to Ann Street NW in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205664A	23A0463	N/A	STU 41000
214335A	23A0499	N/A	CRU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Grand Rapids Eastern Railroad	1027060	1.000	Dlr
0010	Mobilization, Max \$75,000.00	1100001	1.000	LSUM
0015	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0020	Curb and Gutter, Rem	2040020	1,962.000	Ft
0025	Sidewalk, Rem	2040055	520.000	Syd
0030	Exploratory Investigation, Vertical	2040080	60.000	Ft
0035	_ Pavt, Rem, Modified	2047011	6,680.000	Syd
0040	_ Unsuitable Soil, Rem and Repl with Sand, CIP	2067021	20.000	Cyd
0045	_ Stormwater Operator's Inspection	2087050	52.000	Ea
0050	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0055	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0060	Project Cleanup	2090001	1.000	LSUM
0065	Aggregate Base, LM	3020002	1,175.000	Cyd
0070	_ Basin Connection, C76 CI IV, 12 inch	4027001	40.000	Ft
0075	_ Core and Boot 12 inch Storm Sewer Into Sewer Or Manhole	4027050	3.000	Ea
0080	_ Ditch Basin, 2 Foot Dia, Per Detail S-8	4037050	3.000	Ea
0085	_ Manhole Casting, Adjust	4037050	42.000	Ea
0090	_ Manhole Casting, Adjust, Special	4037050	3.000	Ea
0095	_ Manhole Casting, Furnish	4037050	42.000	Ea
0100	_ Manhole Casting, Furnish, Special	4037050	3.000	Ea
0105	Pavt, Cleaning	5010001	1.000	LSUM
0110	Cold Milling HMA Surface	5010002	9,870.000	Syd
0115	Hand Patching	5010025	457.000	Ton
0120	HMA, 4EML	5012025	12.000	Ton

0125	HMA, 5EML	5012037	1,004.000	Ton
0130	Divider, Conc, Type I	8022000	95.000	Sft
0135	_ Curb and Gutter, 12 x 6 inch pan, per Detail P-5, Special	8027001	4,749.000	Ft
0140	_ Curb and Gutter, 18 x 6 inch pan, per Detail P-5	8027001	1,945.000	Ft
0145	_ Curb, 6 x 20 inch, per Detail P-5A, Special	8027001	4,705.000	Ft
0150	_ Median Island End Treatment, Special	8027050	53.000	Ea
0155	Curb Ramp Opening, Conc	8030030	130.000	Ft
0160	_ Detectable Warning Surface, Modified	8037001	120.000	Ft
0165	_ Curb Ramp, Conc, 6 inch, Modified	8037010	900.000	Sft
0170	_ Sidewalk, Conc, 4 inch, Modified	8037010	5,105.000	Sft
0175	_ Sidewalk, Conc, 6 inch, Modified	8037010	60.000	Sft
0180	Post, Flexible, Delineator	8100360	1.000	Ea
0185	_ Sign	8107010	462.000	Sft
0190	_ Sign Post	8107050	128.000	Ea
0195	Pavt Mrkg, Polyurea, Bike	8110100	57.000	Ea
0200	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	830.000	Ft
0205	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	230.000	Ft
0210	Rem Spec Mrkg	8110343	440.000	Sft
0215	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0220	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0225	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0230	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	4.000	Ea
0235	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	4.000	Ea
0240	Recessing Pavt Mrkg, Transv	8110451	940.000	Sft
0245	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	9,005.000	Ft
0250	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	8,712.000	Ft
0255	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	4,485.000	Ft
0260	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	55.000	Ea
0265	Pavt Mrkg, Polyurea, Bike Lt Turn Arrow Sym	8112171	1.000	Ea
0270	Pavt Mrkg, Polyurea, Bike Rt Turn Arrow Sym	8112172	1.000	Ea
0275	_ Pavt Mrkg, Bike Lane, Green	8117010	2,085.000	Sft
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0285	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0290	Pedestrian Type II Barricade, Temp	8120026	33.000	Ea
0295	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	225.000	Ea
0300	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	225.000	Ea
0305	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0315	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,920.000	Ft
0325	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	595.000	Ft
0330	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0335	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea

0340	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0345	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0355	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0365	Pedestrian Path, Temp	8122250	200.000	Ft
0370	Site Preparation, Max \$17,880	8150001	1.000	LSUM
0375	Crataegus crusgalli 'Inermis', 2 inch	8151132	9.000	Ea
0380	Nyssa sylvatica, 2 inch	8152513	11.000	Ea
0385	_ Prepared Soil	8157021	460.000	Cyd
0390	_ Calamagrostis X Acutiflora	8157050	371.000	Ea
0395	_ Elymus Arenarius `Blue Dune`	8157050	480.000	Ea
0400	_ Liriope Spicata	8157050	2,105.000	Ea
0405	_ Panicum Virgatum `Shenandoah`	8157050	449.000	Ea
0410	_ Pennisetum Alopecuroides	8157050	467.000	Ea
0415	_ Protect Tree, per Detail M-2	8157050	12.000	Ea
0420	_ Tilia Tomentosa 'Green Mountain', 2 inch	8157050	5.000	Ea
0425	_ Tree Irrigation Bag	8157050	25.000	Ea
0430	_ Watering and Cultivating, Special	8157051	1.000	LSUM
0435	Mulch	8160025	2,045.000	Syd
0440	_ Mulch Blanket, Modified	8167011	910.000	Syd
0445	_ Turf Establishment	8167011	910.000	Syd
0450	_ Turf Watering	8167050	5.000	Ea
0455	_ Weed Control, Modified	8167050	20.000	Ea
0460	Power Company (Estimated Cost to Contractor)	8180001	1.000	Dlr
0465	Conduit, DB, 1, 1 1/2 inch	8182048	25.000	Ft
0470	Conduit, DB, 2, 3 inch	8182053	25.000	Ft
0475	Conduit, DB, 4, 3 inch	8182059	25.000	Ft
0480	Cable, Sec, 600V, 1, 3/C#6	8182238	75.000	Ft
0485	Wood Pole, Cl 4, 35 foot	8182350	1.000	Ea
0490	Wood Pole, Rem	8182363	1.000	Ea
0495	Serv Disconnect	8182366	1.000	Ea
0500	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8182371	1.000	Ea
0505	Anchor Guy	8200001	1.000	Ea
0510	Case Sign, Disappearing Legend, 24 inch by 30 inch	8200015	1.000	Ea
0515	Case Sign, Rem	8200020	4.000	Ea
0520	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
0525	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0530	Controller Fdn, Base Mtd	8200045	1.000	Ea
0535	Controller Fdn, Rem	8200046	1.000	Ea
0540	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0545	Span Wire	8200140	1.000	Ea
0550	Span Wire Tether	8200142	4.000	Ea
0555	Strain Pole, Steel, Anchor Base, 30 foot	8200155	1.000	Ea
0560	Strain Pole, Steel, Anchor Fdn	8200165	1.000	Ea

0565	TS, Bracket Arm Mtd, Rem	8200175	4.000	Ea
0570	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0575	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	2.000	Ea
0580	TS, One Way Span Wire Mtd (LED)	8200313	9.000	Ea
0585	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0590	TS, One Way Bracket Arm Mtd (LED)	8200333	4.000	Ea
0595	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	4.000	Ea
0600	Bracket, Truss, with 18 foot Arm	8200378	2.000	Ea
0605	Hemispherical Video Detection Camera	8200444	2.000	Ea
0610	Hemispherical Video Detection System	8200445	2.000	Ea
0615	TS Head, Adj	8200452	3.000	Ea
0620	Backplate, TS	8200501	12.000	Ea
0625	_ Cabinet, NEMA Type, Modified	8207050	1.000	Ea
0630	_ Cabinet, Rem, Modified	8207050	1.000	Ea
0635	_ Controller, NEMA, ATC Type, Modified	8207050	1.000	Ea
0640	_ Sign, Remove and Salvage	8207050	10.000	Ea
0645	_ Steel Pole Mounting Hub	8207050	6.000	Ea
0650	_ Valve Box, Adjust	8237050	20.000	Ea
0655	_ Valve Box, Furnish	8237050	20.000	Ea
0660	_ Preconstruction Documentation	8507051	1.000	LSUM
0665	_ Contaminated Material, Storage, Handling and Disposal	8507060	1.000	Dlr
0670	_ Underground Sprinkling Systems, Restore	8507060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 230602 035**Letting Date:** June 2, 2023**Contract ID:** 67000-216843**Description:** 0.01 mi of culvert replacement on Fred Meijer White Pine Trail-Tustin, Osceola County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216843A	23A0506	N/A	NRT 67000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$45,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.060	Acre
0015	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0020	Excavation, Earth	2050016	317.000	Cyd
0025	Backfill, Structure, CIP	2060002	2,500.000	Cyd
0030	Excavation, Fdn	2060010	3,578.000	Cyd
0035	Obliterate Old Road	2070001	4.000	Sta
0040	Erosion Control, Filter Bag	2080014	2.000	Ea
0045	Erosion Control, Silt Fence	2080036	400.000	Ft
0050	Erosion Control, Turbidity Curtain, Shallow	2080044	500.000	Ft
0055	HMA Surface, Rem	5010005	150.000	Syd
0060	_ Timber Channeling Device	7097051	1.000	LSUM
0065	_ Fiber Optic Relocation	8007051	1.000	LSUM
0070	Shared use Path, Aggregate	8060010	35.000	Ton
0075	Shared use Path, HMA	8060040	14.000	Ton
0080	_ Shared use Path, HMA Snowmobile Wearing Cse, Special	8067031	14.000	Ton
0085	Fence, Chain Link, 72 inch	8080013	80.000	Ft
0090	Fence Gate, 6 foot, for 72 inch Chain Link Fence	8080033	2.000	Ea
0095	Post, Steel, 3 pound	8100371	64.000	Ft
0100	Sign, Type IIIB	8100405	24.000	Sft
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	50.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	50.000	Sft
0125	Slope Restoration, Non-Freeway, Type F	8162006	350.000	Syd
0130	Contractor Staking	8240001	1.000	LSUM

Section: 2

0135	Excavation, Channel	2050015	251.000	Cyd
0140	_ Backfill, Structure, Special	2067021	289.000	Cyd
0145	_ Culv, Alum, Multi-Plate Pipe Arch	4017051	1.000	LSUM
0150	Underdrain, Fdn, 6 inch	4040033	100.000	Ft
0155	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0160	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0165	Cofferdams, Left in Place	7040009	1.000	LSUM
0170	Reinforcement, Steel, Epoxy Coated	7060092	28,674.000	Lb
0175	Substructure Conc	7060100	156.000	Cyd
0180	Conc, Grade 3500	7062001	40.000	Cyd
0185	Structural Steel, Mixed, Erect	7070050	5,147.000	Lb
0190	Structural Steel, Mixed, Furn and Fab	7070051	5,147.000	Lb
0195	_ Grouting Tie Rods	7087051	1.000	LSUM
0200	Joint Waterproofing	7100001	138.000	Sft
0205	Conc Surface Coating	7100011	214.000	Syd
0210	Riprap, Heavy	8130005	470.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230602 036**Letting Date:** June 2, 2023**Contract ID:** 36000-217836**Description:** 1.84 mi of hot mix asphalt crushing, shaping and resurfacing and pavement markings on County Road 424 from Axle Drive to the east city limits of Gastra, Iron County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
217836A	23A0473	N/A	STL 36000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$40,000.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	60.000	Syd
0015	Erosion Control, Silt Fence	2080036	100.000	Ft
0020	Subbase, CIP	3010002	20.000	Cyd
0025	Aggregate Base, 6 inch	3020016	60.000	Syd
0030	HMA Base Crushing and Shaping	3050002	18,450.000	Syd
0035	Material, Surplus and Unsuitable, Rem, LM	3050010	30.000	Cyd
0040	Maintenance Gravel	3060020	20.000	Ton
0045	Approach, CI II, LM	3070023	30.000	Cyd
0050	Shld, CI II, LM	3070123	150.000	Cyd
0055	Culv End Sect, 36 inch	4010036	4.000	Ea
0060	Culv, CI A, 36 inch	4010136	140.000	Ft
0065	Cold Milling HMA Surface	5010002	10,500.000	Syd
0070	HMA Approach	5010061	150.000	Ton
0075	HMA, 5EL	5012036	4,700.000	Ton
0080	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	170.000	Ft
0085	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	40.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,050.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,050.000	Ft
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0135	Sign, Type B, Temp, Prismatic, Furn	8120350	410.000	Sft

0140	Sign, Type B, Temp, Prismatic, Oper	8120351	410.000	Sft
0145	Traf Regulator Control	8120370	1.000	LSUM
0150	Fertilizer, Chemical Nutrient, CI A	8160020	1.000	Lb
0155	Mulch	8160025	15.000	Syd
0160	Mulch Anchoring	8160026	15.000	Syd
0165	Seeding, Mixture TDS	8160037	1.000	Lb
0170	Topsoil Surface, Furn, 3 inch	8160061	15.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230602 037**Letting Date:** June 2, 2023**Contract ID:** 63000-210766

Description: 0.36 mi of hot mix asphalt reconstruction, concrete pavement, curb, gutter and sidewalk ramps, signing and pavement markings on Orion Road at Stoney Creek Road and Conkin Road, Oakland County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210766A	23A0507	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$173,000.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	29.000	Ea
0015	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	65.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Curb and Gutter, Rem	2040020	228.000	Ft
0035	Fence, Rem	2040025	401.000	Ft
0040	Pavt, Rem	2040050	743.000	Syd
0045	Sidewalk, Rem	2040055	240.000	Syd
0050	Utility Pole, Rem	2040070	1.000	Ea
0055	_ Gas Utility, Rem	2047001	100.000	Ft
0060	_ Exploratory Investigation, Utility, RCOC	2047021	100.000	Cyd
0065	Embankment, CIP	2050010	1,930.000	Cyd
0070	Excavation, Earth	2050016	4,525.000	Cyd
0075	_ Excavation, Earth, RCOC	2057011	921.000	Syd
0080	_ Subgrade Undercutting, 21AA	2057021	250.000	Cyd
0085	_ Subgrade Undercutting, 3 by 1	2057021	250.000	Cyd
0090	_ Erosion Control, Check Dam, Stone, RCOC	2087001	112.000	Ft
0095	_ Erosion Control, Silt Fence, RCOC	2087001	1,494.000	Ft
0100	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	19.000	Ea
0105	_ Aggregate Base, 3 inch, 21AA, RCOC	3027011	32.000	Syd
0110	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	223.000	Syd
0115	_ Aggregate Base, 5 inch, 21AA, RCOC	3027011	289.000	Syd
0120	_ Aggregate Base, 6 inch, 21AA, RCOC	3027011	736.000	Syd
0125	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	10,697.000	Syd
0130	Maintenance Gravel	3060020	250.000	Ton
0135	Driveway Maintenance, Residential	3062001	4.000	Ea

0140	Intersection Maintenance	3062002	1.000	Ea
0145	_ Road Grade Biaxial Geogrid, RCOC	3077011	500.000	Syd
0150	_ Shoulder, 21AA, 8.5 inch	3077011	325.000	Syd
0155	_ Approach, 21AA	3077031	30.000	Ton
0160	Culv End Sect, Conc, 12 inch	4010047	3.000	Ea
0165	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0170	Culv End Sect, Footing	4010072	4.000	Ea
0175	_ Culv, CI F, CSP, 18 inch, RCOC	4017001	44.000	Ft
0180	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,059.000	Ft
0185	Sewer, CI IV, 18 inch, Tr Det B	4020989	72.000	Ft
0190	Video Taping Sewer and Culv Pipe	4021275	1,131.000	Ft
0195	Dr Structure Cover, Type C	4030015	1.000	Ea
0200	Dr Structure Cover, Type G	4030040	2.000	Ea
0205	Dr Structure Cover, Type J	4030045	12.000	Ea
0210	Dr Structure Cover, Type K	4030050	6.000	Ea
0215	Dr Structure, 24 inch dia	4030200	8.000	Ea
0220	Dr Structure, 48 inch dia	4030210	10.000	Ea
0225	Dr Structure, 60 inch dia	4030220	1.000	Ea
0230	_ Public Utility Structure, Adj, Add Depth	4037001	5.000	Ft
0235	_ Public Utility Structure Cover	4037050	2.000	Ea
0240	_ Public Utility Structure Cover, Adj, Case 2	4037050	2.000	Ea
0245	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0250	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0255	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	3,836.000	Ft
0260	HMA Surface, Rem	5010005	6,636.000	Syd
0265	HMA, 3EML	5012013	1,172.000	Ton
0270	HMA, 4EML	5012025	1,563.000	Ton
0275	HMA, 5EML	5012037	587.000	Ton
0280	_ HMA Approach (Residential)	5017031	74.000	Ton
0285	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0290	Joint, Expansion, E2	6020207	50.000	Ft
0295	Joint, Plane-of-Weakness, W	6020211	150.000	Ft
0300	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 9 inch	6027011	298.000	Syd
0305	_ Conc Pavt, Misc, Decorative Colored, 6 inch	6027011	462.000	Syd
0310	_ Conc Pavt, Misc, Decorative Colored, 9 inch	6027011	289.000	Syd
0315	_ Conc Pavt, Misc, Decorative Colored, Corrugated, 9 inch	6027011	63.000	Syd
0320	Joint, Contraction, Crg	6030020	55.000	Ft
0325	Lane Tie, Epoxy Anchored	6030030	178.000	Ea
0330	Driveway, Nonreinf Conc, 6 inch	8010005	68.000	Syd
0335	Curb, Conc, Det E1	8020001	139.000	Ft
0340	Curb and Gutter, Conc, Det B2	8020016	2,558.000	Ft
0345	Curb and Gutter, Conc, Det F4	8020038	906.000	Ft
0350	_ Curb and Gutter, Conc, Det D2, Roundabout	8027001	233.000	Ft
0355	_ Spillway, Conc, RCOC	8027001	341.000	Ft

0360	Curb Ramp Opening, Conc	8030030	218.000	Ft
0365	Sidewalk, Conc, 4 inch	8030044	1,825.000	Sft
0370	Sidewalk, Conc, 6 inch	8030046	250.000	Sft
0375	Curb Ramp, Conc, 6 inch	8032002	2,687.000	Sft
0380	_ Detectable Warning Surface, RCOC	8037001	104.000	Ft
0385	Post, Mailbox	8070095	4.000	Ea
0390	Post, Steel, 3 pound	8100371	656.000	Ft
0395	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0400	Sign, Type II, Rem	8100397	4.000	Ea
0405	Sign, Type IIA	8100398	17.000	Sft
0410	Sign, Type IIB	8100399	39.000	Sft
0415	Sign, Type III, Rem	8100403	21.000	Ea
0420	Sign, Type IIIA	8100404	109.000	Sft
0425	Sign, Type IIIB	8100405	131.000	Sft
0430	Sign, Type VB	8100425	8.000	Sft
0435	Ground Mtd Sign Support, Rem	8102010	23.000	Ea
0440	_ Post Hole Through Conc for Steel Post, 10 inch dia	8107050	22.000	Ea
0445	_ Post, Flexible, Delineator, RCOC	8107050	8.000	Ea
0450	_ Street Sign Post	8107050	2.000	Ea
0455	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	182.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	94.000	Ft
0465	Recessing Pavt Mrkg, Transv	8110451	94.000	Sft
0470	_ Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow, RCOC	8117001	3,100.000	Ft
0475	_ Pavt Mrkg, Sprayable Thermopl, 6 inch, White, RCOC	8117001	2,900.000	Ft
0480	_ Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow, RCOC	8117001	1,000.000	Ft
0485	_ Pavt Mrkg, Sprayable Thermopl, 8 inch, Yellow, RCOC	8117001	250.000	Ft
0490	_ Raised Pavt Marker, Retrflc, Amber, Monodirectional	8117050	8.000	Ea
0495	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0505	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0510	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0515	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0525	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0530	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0535	Sign Cover	8120310	10.000	Ea
0540	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0545	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0555	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft

0560	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
0565	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0575	_ Ditch, Plain Cobble, RCOC	8147011	46.000	Syd
0580	_ Turf Establishment, THM Seed, Special Mulch, Performance, RCOC	8167011	7,499.000	Syd
0585	Conduit, Schedule 40, 2 inch	8182133	225.000	Ft
0590	_ Fire Hydrant, Special	8237050	1.000	Ea
0595	_ Sprinkler Line	8507001	500.000	Ft
0600	_ Sprinkler Head, Relocate	8507050	20.000	Ea
0605	_ Sprinkler Head, Replace	8507050	20.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 038**Letting Date:** June 2, 2023**Contract ID:** 50000-207002

Description: 1.56 mi of hot mix asphalt overlay, cold milling for butt joints, aggregate shoulders, sinusoidal milled corrugations and pavement markings on Capac Road from Irwin Road north to Pratt Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207002A	23A0469	N/A	STL 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$79,200.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	_ Shld, CI II, Modified	3077031	1,600.000	Ton
0020	Pavt, Cleaning	5010001	1.000	LSUM
0025	Pavt for Butt Joints, Rem	5010008	140.000	Syd
0030	Pavt Joint and Crack Repr, Det 7	5010020	3,500.000	Ft
0035	Hand Patching	5010025	150.000	Ton
0040	HMA Approach	5010061	180.000	Ton
0045	HMA, 5EML	5012037	4,000.000	Ton
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,200.000	Ft
0055	Pavt Mrkg, Waterborne, 6 inch, White	8110233	16,400.000	Ft
0060	Recessing Pavt Mrkg, Longit	8110450	18,000.000	Ft
0065	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	230.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	230.000	Ea
0075	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	680.000	Ft
0095	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	680.000	Ft
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	480.000	Sft
0105	Sign, Type B, Temp, Prismatic, Oper	8120351	480.000	Sft
0110	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0115	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0125	Monument Box Adj	8210005	3.000	Ea
0130	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	8,120.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 230602 039**Letting Date:** June 2, 2023**Contract ID:** 39082-218657**Description:** 4.38 mi of shared-use path rehabilitation including overband crack fill, asphalt repair mastic and micro-surfacing along the west side of M-343 from Sprinkle Road to E DE Avenue, Kalamazoo County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218657A	N/A	N/A	M 39082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$13,700.00	1100001	1.000	LSUM
0010	Berm Grading	2050008	462.000	Sta
0015	Overband Crack Fill, Lane	5020003	4.380	Lnmi
0020	_ Asphalt Repr Mastic	5027001	1,500.000	Ft
0025	Micro-Surface	5042000	24,249.000	Syd
0030	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0035	Minor Traf Devices	8120170	1.000	LSUM
0040	Sign, Type B, Temp, Prismatic, Furn	8120350	108.000	Sft
0045	Sign, Type B, Temp, Prismatic, Oper	8120351	108.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 230602 040**Letting Date:** June 2, 2023**Contract ID:** 23012-218212**Description:** 0.01 mi of retaining wall reconstruction, concrete sidewalk, drainage and landscaping on I-69BL (Lansing Road) at Island Highway in the city of Charlotte, Eaton County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218212A	N/A	N/A	M 23012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	1,000.000	Dlr
0010	Mobilization, Max \$14,300.00	1100001	1.000	LSUM
0015	Sidewalk, Rem	2040055	9.000	Syd
0020	Structures, Rem	2040060	1.000	LSUM
0025	Exploratory Investigation, Vertical	2040080	25.000	Ft
0030	Excavation, Earth	2050016	60.000	Cyd
0035	Granular Material, CI II	2050023	16.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0045	Erosion Control, Silt Fence	2080036	190.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0055	Aggregate Base, 4 inch	3020010	14.000	Syd
0060	Pavt, Cleaning	5010001	1.000	LSUM
0065	_ Small Modular Block Wall	8007010	661.000	Sft
0070	Sidewalk, Conc, 4 inch	8030044	76.000	Sft
0075	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0080	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0085	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	89.000	Ea
0090	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	89.000	Ea
0095	Minor Traf Devices	8120170	1.000	LSUM
0100	Sign Cover	8120310	3.000	Ea
0105	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0110	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	494.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	494.000	Sft
0125	Traf Regulator Control	8120370	1.000	LSUM
0130	Topsoil Surface, Salv, 6 inch	8160079	23.000	Syd
0135	_ Turf Establishment, Performance	8167011	46.000	Syd

0140	TS Face, Bag	8200458	4.000	Ea
0145	TS Face, Bag, Rem	8200459	4.000	Ea
0150	Contractor Staking	8240001	1.000	LSUM
0155	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230602 041**Letting Date:** June 2, 2023**Contract ID:** 23042-218542**Description:** 0.45 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-43 west of Nixon Road, Eaton County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218542A	N/A	N/A	M 23042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$58,500.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	1,222.000	Syd
0015	Excavation, Earth	2050016	204.000	Cyd
0020	Project Cleanup	2090001	1.000	LSUM
0025	Aggregate Base, 6 inch	3020016	1,222.000	Syd
0030	Shld, CI II	3070121	43.000	Ton
0035	Cold Milling HMA Surface	5010002	15,537.000	Syd
0040	HMA Quality Initiative	5010007	5,578.000	Dlr
0045	Longit Joint Density Quality Initiative	5010018	15,090.000	Dlr
0050	Pavt Joint and Crack Repr, Det 7	5010020	3,497.000	Ft
0055	Pavt Joint and Crack Repr, Det 8	5010021	899.000	Ft
0060	Hand Patching	5010025	340.000	Ton
0065	HMA, 3EML	5012013	202.000	Ton
0070	HMA, 4EML	5012025	2,247.000	Ton
0075	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,010.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,010.000	Ft
0085	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	1,202.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, Yellow	8110385	1,202.000	Ft
0095	Recessing Pavt Mrkg, Longit	8110450	12,020.000	Ft
0100	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	4,808.000	Ft
0105	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	4,808.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0135	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,200.000	Ft
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,100.000	Ft
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	200.000	Ft
0160	Sign Cover	8120310	8.000	Ea
0165	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0170	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0185	_ Driveway Maintenance	8127050	1.000	Ea
0190	_ Intersection Maintenance, Spec	8127050	1.000	Ea
0195	Monument Preservation	8210010	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 042**Letting Date:** June 2, 2023**Contract ID:** 39103-218656**Description:** 4.48 mi of hot mix asphalt cold milling and resurfacing, centerline and shoulder corrugations and pavement markings on M-89 from the Barry/Kalamazoo County line to M-43, Kalamazoo County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218656A	N/A	N/A	M 39103

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$119,200.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	1,200.000	Ton
0015	Cold Milling HMA Surface	5010002	97,160.000	Syd
0020	HMA Approach	5010061	507.000	Ton
0025	HMA, 5EML	5012037	7,812.000	Ton
0030	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	37.000	Ft
0035	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	44,780.000	Ft
0055	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	24,220.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	44,780.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	24,220.000	Ft
0070	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0075	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	280.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	280.000	Ea
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	2,400.000	Ft
0105	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0115	Traf Regulator Control	8120370	1.000	LSUM
0120	_ Sinusoidal Corrugations, Milled, Conc Centerline	8227001	23,659.000	Ft
0125	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	47,318.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 230602 043

Letting Date: June 2, 2023

Contract ID: 11012-210874

Description: 6.52 mi of hot mix asphalt cold milling and resurfacing, adjust drainage structures, curb ramps and pavement markings on I-94BL from north of Glenlord Road northerly to Central Avenue and on M-63 from I-94 northwesterly to Midway Avenue in the city of Saint Joseph, village of Shoreham, Berrien County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210874A	N/A	N/A	M 11012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$311,100.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	230.000	Ft
0015	Pavt, Rem	2040050	16.000	Syd
0020	Sidewalk, Rem	2040055	190.000	Syd
0025	Excavation, Earth	2050016	58.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	170.000	Ea
0035	Subbase, CIP	3010002	27.000	Cyd
0040	Aggregate Base, 3 inch	3020008	97.000	Syd
0045	_ Shld, Cl II, 1 inch	3077011	3,475.000	Syd
0050	Dr Structure Cover, Adj, Case 1, Modified	4030004	77.000	Ea
0055	Dr Structure Cover, Adj, Case 1	4030005	27.000	Ea
0060	Dr Structure Cover, Type B	4030010	7.000	Ea
0065	Dr Structure Cover, Type C	4030015	2.000	Ea
0070	Dr Structure Cover, Type J	4030045	1.000	Ea
0075	Dr Structure Cover, Type K	4030050	3.000	Ea
0080	Dr Structure, Temp Lowering	4030390	77.000	Ea
0085	Cold Milling HMA Surface	5010002	192,144.000	Syd
0090	Bump Grinding	5010004	625.000	Syd
0095	HMA Surface, Rem	5010005	34.000	Syd
0100	HMA Quality Initiative	5010007	42,468.000	Dlr
0105	Longit Joint Density Quality Initiative	5010018	98,625.000	Dlr
0110	Pavt Joint and Crack Repr, Det 7	5010020	323.000	Ft
0115	Pavt Joint and Crack Repr, Det 8	5010021	141.000	Ft
0120	Hand Patching	5010025	65.000	Ton
0125	HMA Approach	5010061	1,464.000	Ton
0130	HMA, 5EML	5012037	19,705.000	Ton
0135	Conc Base Cse, Nonreinf, 7 inch	6020017	34.000	Syd

0140	Curb and Gutter, Conc, Det D2	8020031	15.000	Ft
0145	Curb and Gutter, Conc, Det F1	8020035	2.000	Ft
0150	Curb and Gutter, Conc, Det F4	8020038	56.000	Ft
0155	Curb and Gutter, Conc, Det F6	8020040	28.000	Ft
0160	Driveway Opening, Conc, Det M	8020050	9.000	Ft
0165	Detectable Warning Surface	8030010	86.000	Ft
0170	Curb Ramp Opening, Conc	8030030	126.000	Ft
0175	Curb Ramp, Conc, 6 inch	8032002	1,697.000	Sft
0180	Fence, Protective	8080007	300.000	Ft
0185	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	515.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	236.000	Ft
0195	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	370.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	625.000	Ft
0205	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	2.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0215	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0225	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	12.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0235	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0240	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	3.000	Ea
0245	Pavt Mrkg, Waterborne, 4 inch, White	8110231	530.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,030.000	Ft
0255	Pavt Mrkg, Waterborne, 6 inch, White	8110233	62,440.000	Ft
0260	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	85,690.000	Ft
0265	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	530.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,030.000	Ft
0275	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	62,440.000	Ft
0280	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	85,690.000	Ft
0285	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	72.000	Ft
0290	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	1,054.000	Ft
0295	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0300	Recessing Pavt Mrkg, Guide Line	8110453	106.000	Ft
0305	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	78.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	28.000	Ft
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0325	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0330	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea

0335	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0345	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0355	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,000.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	24,000.000	Ft
0365	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0370	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0375	Sign Cover	8120310	10.000	Ea
0380	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0385	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	1,679.000	Sft
0395	Sign, Type B, Temp, Prismatic, Oper	8120351	1,679.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0405	TS, Temp, Furn	8120400	2.000	Ea
0410	Slope Restoration, Non-Freeway, Type E	8162005	167.000	Syd
0415	Traf Loop	8200170	6.000	Ea
0420	Wireless Vehicle Sensor Node	8200425	6.000	Ea
0425	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0430	Monument Box	8210001	2.000	Ea
0435	Monument Box Adj	8210005	2.000	Ea
0440	Monument Preservation	8210010	2.000	Ea
0445	Protect Corners	8210020	7.000	Ea
0450	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0455	Gate Box, Adj, Case 1	8230431	4.000	Ea
0460	Contractor Staking	8240001	1.000	LSUM
0465	Staking Plan Errors and Extras, Max \$180/hour	8240002	34.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230602 044**Letting Date:** June 2, 2023**Contract ID:** 81074-216795

Description: 7.09 mi of hot mix asphalt cold milling and resurfacing and pavement markings on US-23 from Ellsworth Road north to M-14 in the city of Ann Arbor, Washtenaw County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216795A	23A0559	N/A	NH 81074

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$357,600.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	Shld, CI II	3070121	3,700.000	Ton
0020	Pavt, Cleaning	5010001	1.000	LSUM
0025	Cold Milling HMA Surface	5010002	226,600.000	Syd
0030	HMA Quality Initiative	5010007	37,492.000	Dlr
0035	Longit Joint Density Quality Initiative	5010018	175,000.000	Dlr
0040	Pavt Joint and Crack Repr, Det 7	5010020	6,000.000	Ft
0045	Hand Patching	5010025	500.000	Ton
0050	HMA, 5EML	5012037	18,746.000	Ton
0055	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	73,000.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	71,500.000	Ft
0065	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	5,700.000	Ft
0070	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0075	Pavt Mrkg, Preformed Thermopl, Merge Arrow Sym	8112019	1.000	Ea
0080	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	20,000.000	Ft
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0095	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0105	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0110	Ltg for Night Work	8120160	1.000	LSUM
0115	Minor Traf Devices	8120170	1.000	LSUM
0120	Mobile Attenuator	8120180	1.000	Ea
0125	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea

0135	Sign Cover	8120310	8.000	Ea
0140	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0145	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	904.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	904.000	Sft
0160	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	99,792.000	Ft
0165	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	81,312.000	Ft
0170	Speed Radar Trailer, Temp	8122028	2.000	Ea
0175	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,300.000	Ft
0180	Freeway Shld Corrugations, Milled, HMA	8222001	32,000.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 230602 045**Letting Date:** June 2, 2023**Contract ID:** 46000-206172**Description:** 6.99 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Onsted Highway from US-223 to M-50, Lenawee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206172A	23A0539	N/A	STL 46000

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	Approach, CI II	3070021	150.000	Ton
0015	Shld, CI II	3070121	747.000	Ton
0020	Dr Structure Cover, Adj, Case 1	4030005	37.000	Ea
0025	Dr Structure, Temp Lowering	4030390	36.000	Ea
0030	Pavt, Cleaning	5010001	1.000	LSUM
0035	Cold Milling HMA Surface	5010002	25,910.000	Syd
0040	Pavt for Butt Joints, Rem	5010008	376.000	Syd
0045	HMA Approach	5010061	580.000	Ton
0050	HMA, 5EL	5012036	8,747.000	Ton
0055	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	400.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0065	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0075	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0080	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	73,800.000	Ft
0085	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	51,000.000	Ft
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,952.000	Ft
0100	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0105	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	624.000	Sft
0115	Sign, Type B, Temp, Prismatic, Oper	8120351	624.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0125	Monument Box Adj	8210005	14.000	Ea
0130	Gate Box, Adj, Case 1	8230431	12.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 046**Letting Date:** June 2, 2023**Contract ID:** 65000-218645**Description:** 1.25 mi of hot mix asphalt overlay, aggregate shoulders and pavement markings on Rose City Road east of Schmitt Road, Ogemaw County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218645A	23A0526	N/A	STL 65000

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	_ Shld, CI II, Modified	3077031	500.000	Ton
0015	Pavt, Cleaning	5010001	1.000	LSUM
0020	Pavt for Butt Joints, Rem	5010008	1,200.000	Syd
0025	HMA Approach	5010061	40.000	Ton
0030	HMA, 4EL	5012024	2,050.000	Ton
0035	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,200.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,550.000	Ft
0045	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	132.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	132.000	Ea
0055	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	630.000	Ft
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0085	Traf Regulator Control	8120370	1.000	LSUM
0090	Monument Box	8210001	2.000	Ea
0095	Monument Preservation	8210010	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 047**Letting Date:** June 2, 2023**Contract ID:** 77000-210864

Description: 0.94 mi of hot mix asphalt shared-use path, remove and replace concrete sidewalk, ramps and driveways along Clinton Avenue from Carney Street to Riverside Avenue in the city of St. Clair, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210864A	23A0501	N/A	TA 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, CSX Transportation	1027060	10,000.000	Dlr
0010	Mobilization, Max \$75,000.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	1.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	12.000	Ft
0025	Curb and Gutter, Rem	2040020	68.000	Ft
0030	Curb, Rem	2040021	550.000	Ft
0035	Guardrail, Rem	2040035	54.000	Ft
0040	Sidewalk, Rem	2040055	2,760.000	Syd
0045	Exploratory Investigation, Vertical	2040080	35.000	Ft
0050	_ Brick Pavers, Rem, Salv	2047010	208.000	Sft
0055	_ Patio Block, Rem, Salv	2047010	65.000	Sft
0060	_ Bench, Rem, Salv, Install	2047050	5.000	Ea
0065	_ Conc Plaque, Rem, Salv, Install	2047050	4.000	Ea
0070	Embankment, CIP	2050010	135.000	Cyd
0075	Excavation, Earth	2050016	250.000	Cyd
0080	_ Subgrade Undercutting, Modified	2057021	50.000	Cyd
0085	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0090	Erosion Control, Silt Fence	2080036	150.000	Ft
0095	Aggregate Base, 6 inch	3020016	5,400.000	Syd
0100	Aggregate Base, 9 inch	3020022	44.000	Syd
0105	Maintenance Gravel	3060020	420.000	Ton
0110	_ Railroad Ballast, Furn, Place	3067021	25.000	Cyd
0115	Approach, CI II, 4 inch	3070026	113.000	Syd
0120	Approach, CI II, 6 inch	3070028	20.000	Syd
0125	_ Sewer, Sch40 PVC, 12 inch, Tr Det B	4027001	24.000	Ft
0130	_ Sewer, Sch40 PVC, 6 inch, Tr Det B	4027001	26.000	Ft
0135	_ Sewer, Sch40 PVC, 8 inch, Tr Det B	4027001	18.000	Ft

0140	_ External Structure Wrap, 18 inch	4027050	31.000	Ea
0145	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0150	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0155	Dr Structure, 24 inch dia	4030200	3.000	Ea
0160	Dr Structure, Adj, Add Depth	4030280	52.000	Ft
0165	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0170	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0175	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0180	_ Catch Basin Cover, Inlet, St. Clair	4037050	1.000	Ea
0185	_ Catch Basin Cover, Pavt, St. Clair	4037050	2.000	Ea
0190	_ Sanitary Manhole Cover, St. Clair	4037050	10.000	Ea
0195	_ Storm Manhole Cover, St. Clair	4037050	8.000	Ea
0200	HMA Surface, Rem	5010005	600.000	Syd
0205	Joint and Crack, Cleanout	5010015	300.000	Ft
0210	Pavt Joint and Crack Repr, Det 7	5010020	75.000	Ft
0215	Hand Patching	5010025	10.000	Ton
0220	HMA Approach	5010061	165.000	Ton
0225	Joint, Plane-of-Weakness, W, Intersection	6020310	80.000	Ft
0230	Cement	6030005	1.000	Ton
0235	Lane Tie, Epoxy Anchored	6030030	550.000	Ea
0240	Pavt Repr, Nonreinf Conc, 8 inch	6030044	357.000	Syd
0245	Pavt Repr, Nonreinf Conc, 10 inch	6030048	38.000	Syd
0250	_ Pavt Repr, Rem, Modified	6037011	500.000	Syd
0255	Reinforcement, Steel	7060090	4,303.000	Lb
0260	Conc, Grade 3500	7062001	68.000	Cyd
0265	Driveway, Nonreinf Conc, 6 inch	8010005	262.000	Syd
0270	Driveway, Nonreinf Conc, 8 inch	8010007	133.000	Syd
0275	_ Driveway, Nonreinf Conc, 4 inch	8017011	30.000	Syd
0280	Curb, Conc, Det E2	8020002	550.000	Ft
0285	Curb and Gutter, Conc, Det F4	8020038	80.000	Ft
0290	_ Curb, Conc, Det E2, Modified	8027001	100.000	Ft
0295	Detectable Warning Surface	8030010	272.000	Ft
0300	Curb Ramp Opening, Conc	8030030	454.000	Ft
0305	Sidewalk, Conc, 4 inch	8030044	1,000.000	Sft
0310	_ Curb Ramp, Conc, 8 inch	8037010	2,302.000	Sft
0315	_ Sidewalk, Conc, 4 inch, Modified	8037010	160.000	Sft
0320	_ Concrete Step Structure	8037050	2.000	Ea
0325	Shared use Path, HMA	8060040	825.000	Ton
0330	_ Shared Use Path, Grading, Special	8067001	4,400.000	Ft
0335	_ Post, Mailbox, Relocate, Temp	8077050	13.000	Ea
0340	_ Steel Post, Rem, Salv	8077050	1.000	Ea
0345	_ Rustic Rail Fence	8087001	56.000	Ft
0350	Post, Flexible, Delineator	8100360	11.000	Ea
0355	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	455.000	Ft

0365	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,345.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	155.000	Ft
0375	Pavt Mrkg, Waterborne, 4 inch, White	8110231	181.000	Ft
0380	Rem Curing Compound, for Spec Mrkg	8110321	800.000	Sft
0385	Rem Spec Mrkg	8110343	1,545.000	Sft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0395	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0400	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0405	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0415	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0425	Minor Traf Devices	8120170	1.000	LSUM
0430	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0435	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0440	Sign Cover	8120310	10.000	Ea
0445	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0455	Traf Regulator Control	8120370	1.000	LSUM
0460	Sodding	8160055	1,155.000	Syd
0465	Water, Sodding/Seeding	8160090	200.000	Unit
0470	_ Surface Restoration, Hydroseeding	8167011	6,130.000	Syd
0475	Fire Hydrant	8230040	2.000	Ea
0480	Hydrant, Rem	8230091	2.000	Ea
0485	Water Main, DI, 6 inch, Tr Det G	8230151	6.000	Ft
0490	Gate Box, Adj, Case 1	8230431	5.000	Ea
0495	Gate Box, Adj, Case 2	8230432	1.000	Ea
0500	_ Irrigation Pipe	8237001	550.000	Ft
0505	_ Gate Well Cover, Adj, Case 1	8237050	2.000	Ea
0510	_ Gate Well Cover, St. Clair	8237050	2.000	Ea
0515	_ Sprinkler Head	8237050	30.000	Ea
0520	_ Water Curb Stop, Replace	8237050	8.000	Ea
0525	_ Water Meter Box, Adj	8237050	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 048**Letting Date:** June 2, 2023**Contract ID:** 46000-215778

Description: 7.15 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on Wolf Creek Highway/Pentecost Highway from Hunt Road to M-50, Lenawee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215778A	23A0538	N/A	STL 46000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$81,000.00	1100001	1.000	LSUM
0010	Approach, CI II	3070021	192.000	Ton
0015	Shld, CI II	3070121	1,851.000	Ton
0020	Pavt, Cleaning	5010001	1.000	LSUM
0025	Pavt for Butt Joints, Rem	5010008	1,140.000	Syd
0030	HMA Approach	5010061	236.000	Ton
0035	HMA, 5EL	5012036	7,545.000	Ton
0040	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	75,000.000	Ft
0045	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	48,000.000	Ft
0050	Minor Traf Devices	8120170	1.000	LSUM
0055	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,000.000	Ft
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	624.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	624.000	Sft
0070	Traf Regulator Control	8120370	1.000	LSUM
0075	Monument Box Adj	8210005	9.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 049**Letting Date:** June 2, 2023**Contract ID:** 46000-213152

Description: 2.97 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on Burton Road/Hunt Road From US-223 to Wolf Creek Highway, Lenawee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213152A	23A0540	N/A	HIC 46000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max 36,000.00	1100001	1.000	LSUM
0010	Approach, CI II	3070021	74.000	Ton
0015	Shld, CI II	3070121	580.000	Ton
0020	Pavt, Cleaning	5010001	1.000	LSUM
0025	Pavt for Butt Joints, Rem	5010008	200.000	Syd
0030	HMA Approach	5010061	94.000	Ton
0035	HMA, 5EL	5012036	3,447.000	Ton
0040	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	31,340.000	Ft
0045	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	16,050.000	Ft
0050	Minor Traf Devices	8120170	1.000	LSUM
0055	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,254.000	Ft
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	624.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	624.000	Sft
0070	Traf Regulator Control	8120370	1.000	LSUM
0075	Monument Box Adj	8210005	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 050**Letting Date:** June 2, 2023**Contract ID:** 82000-215642

Description: 0.92 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on Hannan Road from Van Born Road northerly to Michigan Avenue in the city of Wayne, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215642A	23A0521	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Norfolk Southern Railroad	1027060	20,000.000	Dlr
0010	Mobilization, Max \$116,400.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	58.000	Ft
0020	Guardrail, Rem	2040035	1,047.000	Ft
0025	Pavt, Rem	2040050	114.000	Syd
0030	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0035	Excavation, Earth	2050016	872.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0045	_ Ditch Cleanout, Modified	2057002	28.000	Sta
0050	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0060	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0065	Project Cleanup	2090001	1.000	LSUM
0070	_ Aggregate Base, 8 inch, Modified	3027011	2,750.000	Syd
0075	_ Shld, CI I, 8 inch, Modified	3077011	3,843.000	Syd
0080	Dr Structure Lead, Cleaning, 12 inch	4030112	50.000	Ft
0085	Dr Structure, Cleaning	4030290	4.000	Ea
0090	Dr Structure, Temp Lowering	4030390	4.000	Ea
0095	_ Dr Structure Reconstruct	4037001	10.000	Ft
0100	_ Dr Structure Cover, Adj	4037050	4.000	Ea
0105	Cold Milling HMA Surface	5010002	16,356.000	Syd
0110	_ Bit Mixture for Patching, Temp	5017031	20.000	Ton
0115	_ Conditioning Existing Pavement	5017031	1,696.000	Ton
0120	_ Misc HMA Approach	5017031	37.000	Ton
0125	_ Misc HMA, 3EMH	5017031	18.000	Ton
0130	_ Misc HMA, 4EMH	5017031	1,823.000	Ton

0135	_ Misc HMA, 5EMH	5017031	1,368.000	Ton
0140	_ Misc HMA, Wedge	5017031	20.000	Ton
0145	Pavt Gapping	6020215	367.000	Ft
0150	_ Cold Weather Protection, Conc, Pavt	6027011	35.000	Syd
0155	_ Conc Pavt, Misc, Nonreinf, 10 inch, Modified	6027011	23.000	Syd
0160	_ Conc Pavt, Misc, Nonreinf, 6 inch, Modified	6027011	182.000	Syd
0165	Curb and Gutter, Conc, Det F4	8020038	58.000	Ft
0170	_ Conc Curb Cap	8027001	210.000	Ft
0175	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0180	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0185	Post, Mailbox	8070095	13.000	Ea
0190	Guardrail, Type MGS-8, 108 inch Post	8072180	836.000	Ft
0195	_ Field Office	8097043	4.000	Mo
0200	_ Sign, Type B, Perm	8107010	141.000	Sft
0205	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	146.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	55.000	Ft
0215	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	145.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0225	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0230	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,412.000	Ft
0235	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	9,784.000	Ft
0240	Rem Spec Mrkg	8110343	123.000	Sft
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0255	Pedestrian Type II Barricade, Temp	8120026	1.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0265	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	351.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	850.000	Ft
0285	Plastic Drum, Fluorescent, Furn	8120252	280.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	280.000	Ea
0295	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	850.000	Ft
0300	Sign Cover	8120310	4.000	Ea
0305	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0310	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0315	Sign, Type B, Temp, Prismatic, Furn	8120350	415.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	415.000	Sft
0325	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	32.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	32.000	Sft
0335	Traf Regulator Control	8120370	1.000	LSUM
0340	Topsoil Surface, Furn, 4 inch	8160062	3,385.000	Syd

0345	Water, Sodding/Seeding	8160090	339.000	Unit
0350	_ Seeding, Mixture THM, Modified	8167011	3,385.000	Syd
0355	_ Turf Grading	8167011	2,178.000	Syd
0360	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr
0365	_ Contractor Staking, Modified	8247051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230602 051**Letting Date:** June 2, 2023**Contract ID:** 58000-214662

Description: Install permanent radar speed feedback signs on Bluebush Road/Stewart Road from Raisinville Road to US-24, Carleton Rockwood Road from Grafton Road to US-24, N. Dixie Highway from Post Road to Strong Road and Oakville Waltz Road/Milan Oakville Road from Whittaker Road to Exeter Road, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214662A	23A0535	N/A	HSIP 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$15,000.00	1100001	1.000	LSUM
0010	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0015	Post, Steel, 3 pound	8100371	360.000	Ft
0020	Sign, Type IIIB	8100405	3.000	Sft
0025	_ LEFT TURN Assembly	8107050	1.000	Ea
0030	_ RADAR SPEED Assembly	8107050	22.000	Ea
0035	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0045	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0055	Minor Traf Devices	8120170	1.000	LSUM
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	48.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	48.000	Sft
0070	Traf Regulator Control	8120370	1.000	LSUM



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 052**Letting Date:** June 2, 2023**Contract ID:** 74000-218262

Description: 0.50 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramp work and pavement markings on Black River Street from Orange Street east to the village limits of Deckerville, Sanilac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218262A	23A0546	N/A	STL 74000

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	465.000	Ft
0015	Pavt, Rem	2040050	50.000	Syd
0020	Sidewalk, Rem	2040055	265.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0030	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0035	Dr Structure Cover, Type D	4030025	2.000	Ea
0040	HMA Surface, Rem	5010005	628.000	Syd
0045	Hand Patching	5010025	50.000	Ton
0050	HMA, 13A	5010033	1,435.000	Ton
0055	HMA Approach	5010061	70.000	Ton
0060	_ Cold Milling HMA Surface, Modified	5017011	11,345.000	Syd
0065	Curb and Gutter, Conc, Det F6	8020040	100.000	Ft
0070	Detectable Warning Surface	8030010	150.000	Ft
0075	Curb Ramp Opening, Conc	8030030	365.000	Ft
0080	Sidewalk, Conc, 4 inch	8030044	175.000	Sft
0085	Curb Ramp, Conc, 4 inch	8032001	2,175.000	Sft
0090	Curb Ramp, Conc, 6 inch	8032002	225.000	Sft
0095	Sign, Type V, Erect, Salv	8100422	2.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	360.000	Ft
0105	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	60.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0115	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	440.000	Ft
0125	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,184.000	Ft
0130	Recessing Pavt Mrkg, Longit	8110450	460.000	Ft
0135	Recessing Pavt Mrkg, Transv	8110451	110.000	Sft

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0150	Pedestrian Type II Barricade, Temp	8120026	27.000	Ea
0155	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0165	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0175	Minor Traf Devices	8120170	1.000	LSUM
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	324.000	Sft
0185	Sign, Type B, Temp, Prismatic, Oper	8120351	324.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	Slope Restoration, Non-Freeway, Type D	8162004	225.000	Syd
0200	Gate Box, Adj, Case 1	8230431	6.000	Ea
0205	Sanitary Structure Cover, Adj, Case 1	8252145	7.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 053**Letting Date:** June 2, 2023**Contract ID:** 56000-210252**Description:** 0.61 mi of hot mix asphalt reconstruction, concrete paving, curb and gutter, signing and pavement markings on Waldo Road at Monroe Road, Midland County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210252A	23A0557	N/A	HSIP 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$80,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.100	Acre
0015	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	20.000	Ft
0035	Pavt, Rem	2040050	60.000	Syd
0040	Exploratory Investigation, Vertical	2040080	80.000	Ft
0045	Embankment, CIP	2050010	1,500.000	Cyd
0050	Excavation, Earth	2050016	4,400.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	140.000	Cyd
0065	Erosion Control, Check Dam, Stone	2080012	80.000	Ft
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0075	Erosion Control, Sediment Basin	2080032	32.000	Cyd
0080	Erosion Control, Silt Fence	2080036	800.000	Ft
0085	Subbase, CIP	3010002	2,120.000	Cyd
0090	_ Aggregate Base, 8 inch, Modified	3027011	4,560.000	Syd
0095	_ Aggregate Base, 9 inch, Modified	3027011	470.000	Syd
0100	Maintenance Gravel	3060020	300.000	Ton
0105	_ Approach, CI I, 6 inch, Modified	3077011	431.000	Syd
0110	_ Approach, CI II, 6 inch, Modified	3077011	98.000	Syd
0115	_ Shld, CI II, 6 inch, Modified	3077011	180.000	Syd
0120	Culv End Sect, 12 inch	4010012	6.000	Ea
0125	Culv, CI F, 12 inch	4010607	109.000	Ft
0130	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0135	Sewer, CI A, 12 inch, Tr Det A	4020004	77.000	Ft

0140	Sewer, CI A, 18 inch, Tr Det A	4020006	8.000	Ft
0145	Sewer, CI A, 12 inch, Tr Det B	4020033	234.000	Ft
0150	Sewer, CI A, 18 inch, Tr Det B	4020035	422.000	Ft
0155	Sewer Tap, 18 inch	4021206	1.000	Ea
0160	Video Taping Sewer and Culv Pipe	4021275	741.000	Ft
0165	_ Sump Pump Lead and Drain Tile Connection	4027001	25.000	Ft
0170	Dr Structure Cover, Type G	4030040	6.000	Ea
0175	Dr Structure Cover, Type J	4030045	10.000	Ea
0180	Dr Structure, 24 inch dia	4030200	4.000	Ea
0185	Dr Structure, 48 inch dia	4030210	12.000	Ea
0190	Underdrain, Subbase, 6 inch	4040063	2,600.000	Ft
0195	Underdrain Outlet, 6 inch	4040093	230.000	Ft
0200	Underdrain, Outlet Ending, 6 inch	4040113	11.000	Ea
0205	HMA Surface, Rem	5010005	3,320.000	Syd
0210	HMA Approach	5010061	22.000	Ton
0215	HMA, 4EL	5012024	521.000	Ton
0220	HMA, 5EL	5012036	313.000	Ton
0225	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	640.000	Syd
0230	Driveway, Nonreinf Conc, 6 inch	8010005	375.000	Syd
0235	Curb and Gutter, Conc, Det B2	8020016	930.000	Ft
0240	Shld Gutter, Conc, Det 2	8020056	3.000	Ea
0245	Spillway, Conc	8020075	12.000	Ft
0250	_ Curb and Gutter, Conc, Det B2, Modified	8027001	346.000	Ft
0255	_ Curb and Gutter, Conc, Det D2, Modified	8027001	1,310.000	Ft
0260	Post, Mailbox	8070095	5.000	Ea
0265	Post, Steel, 3 pound	8100371	536.000	Ft
0270	Sign, Type III, Rem	8100403	10.000	Ea
0275	Sign, Type IIIA	8100404	16.000	Sft
0280	Sign, Type IIIB	8100405	124.000	Sft
0285	Sign, Type VA	8100424	28.000	Sft
0290	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0295	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	133.000	Ft
0305	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	48.000	Ft
0310	Pavt Mrkg, Polyurea, Yield	8110103	4.000	Ea
0315	Pavt Mrkg, Thermopl, 12 inch, White	8110215	456.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,400.000	Ft
0325	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,119.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,827.000	Ft
0335	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,400.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,119.000	Ft
0345	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,827.000	Ft
0350	Recessing Pavt Mrkg, Transv	8110451	1,096.000	Sft
0355	Recessing Pavt Mrkg, Guide Line	8110453	48.000	Ft

0360	_ Pavt Mrkg, Polyurea, Special Arrow Sym	8117050	4.000	Ea
0365	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0375	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0385	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0395	Minor Traf Devices	8120170	1.000	LSUM
0400	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0405	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0410	Sign Cover	8120310	67.000	Ea
0415	Sign, Type B, Temp, Prismatic, Furn	8120350	843.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	843.000	Sft
0425	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	301.000	Sft
0430	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	301.000	Sft
0435	Riprap, Plain	8130010	18.000	Syd
0440	Site Preparation, Max \$1,000.00	8150001	1.000	LSUM
0445	Watering and Cultivating, First Season, Min \$2,500.00	8150002	1.000	LSUM
0450	Watering and Cultivating, 2nd Season, Min \$3,000.00	8150003	1.000	LSUM
0455	Thuja occidentalis 'Techny', 6 foot	8153825	13.000	Ea
0460	_ Turf Establishment, Performance	8167011	3,200.000	Syd
0465	Monument Box	8210001	1.000	Ea
0470	Monument Preservation	8210010	1.000	Ea
0475	Centerline Corrugations, Milled, HMA	8220013	440.000	Ft
0480	Water Serv, Conflict	8230250	2.000	Ea
0485	Water Shutoff, Adj, Case 2	8230422	3.000	Ea
0490	Gate Box, Adj, Case 1	8230431	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230602 054**Letting Date:** June 2, 2023**Contract ID:** 03000-206346

Description: 0.85 mi of hot mix asphalt and concrete shared-use path, earthwork and restoration along the Blue Star Highway from the MDOT Park and Ride to Shangrai La Drive, Allegan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206346A	23A0492	N/A	CM 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$80,000.00	1100001	1.000	LSUM
0010	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0015	Curb and Gutter, Rem	2040020	40.000	Ft
0020	Erosion Control, Silt Fence	2080036	2,600.000	Ft
0025	Aggregate Base, 6 inch	3020016	6,000.000	Syd
0030	Culv, CI A, 12 inch	4010131	60.000	Ft
0035	Sewer, CI A, 24 inch, Tr Det B	4020036	90.000	Ft
0040	Dr Structure Cover, Type G	4030040	1.000	Ea
0045	Dr Structure, 48 inch dia	4030210	1.000	Ea
0050	HMA Surface, Rem	5010005	280.000	Syd
0055	_ Pile, Treated Timber, Driven, Modified	7057001	1,600.000	Ft
0060	_ Pile, Treated Timber, Furn, Modified	7057050	40.000	Ea
0065	_ Modular Block Retaining Wall, Large Block	7067010	1,400.000	Sft
0070	_ Modular Block Retaining Wall, Small Block	7067010	330.000	Sft
0075	_ Treated Timber Retaining Wall	7067010	550.000	Sft
0080	_ 12 Foot Treated Timber Boardwalk, Type A	7097001	146.000	Ft
0085	_ 12 Foot Treated Timber Boardwalk, Type B	7097001	90.000	Ft
0090	Curb and Gutter, Conc, Det F4	8020038	18.000	Ft
0095	Detectable Warning Surface	8030010	74.000	Ft
0100	Curb Ramp Opening, Conc	8030030	36.000	Ft
0105	Sidewalk, Conc, 6 inch	8030046	480.000	Sft
0110	Curb Ramp, Conc, 6 inch	8032002	750.000	Sft
0115	Shared use Path, Grading	8060030	4,110.000	Ft
0120	Shared use Path, HMA	8060040	850.000	Ton
0125	_ Railing Fence	8087001	300.000	Ft
0130	Post, Steel, 3 pound	8100371	84.000	Ft
0135	Sign, Type III, Erect, Salv	8100402	2.000	Ea

0140	Sign, Type III, Rem	8100403	2.000	Ea
0145	Sign, Type IIIA	8100404	45.000	Sft
0150	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	800.000	Ft
0155	Recessing Pavt Mrkg, Transv	8110451	800.000	Sft
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0175	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0180	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0185	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0195	Mulch Blanket, High Velocity	8160028	2,500.000	Syd
0200	Slope Restoration, Non-Freeway, Type A	8162001	4,600.000	Syd



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230602 055**Letting Date:** June 2, 2023**Contract ID:** 46000-208264

Description: 3.04 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Hunt Road from Wolf Creek Highway to Bent Oak Highway, Lenawee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208264A	23A0538	N/A	STUL 46000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$47,000.00	1100001	1.000	LSUM
0010	Approach, CI II	3070021	102.000	Ton
0015	Shld, CI II	3070121	824.000	Ton
0020	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0025	Dr Structure, Temp Lowering	4030390	14.000	Ea
0030	Pavt, Cleaning	5010001	1.000	LSUM
0035	Cold Milling HMA Surface	5010002	41,588.000	Syd
0040	Pavt for Butt Joints, Rem	5010008	325.000	Syd
0045	HMA Approach	5010061	140.000	Ton
0050	HMA, 5EL	5012036	3,291.000	Ton
0055	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	22.000	Ft
0060	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	32,040.000	Ft
0065	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	16,050.000	Ft
0070	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0075	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0080	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,280.000	Ft
0095	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0105	Sign, Type B, Temp, Prismatic, Furn	8120350	624.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	624.000	Sft
0115	Traf Regulator Control	8120370	1.000	LSUM
0120	Monument Box Adj	8210005	7.000	Ea