

Schedule of Pay Items

Report v1

Letting Call: 230707 001

Letting Date: July 7, 2023

Contract ID: 26031-212508

Description: 0.50 mi of bridge reconstruction including widening, superstructure replacement with 48-inch by 49-inch prestressed concrete bulb-tee beams, guardrail, steel piling, steel sheet piling, cofferdams, drainage and approach work on M-30 over Tobacco River, Gladwin County. This project includes a 5 year materials and workmanship pavement warranty, a 2 year pavement performance warranty and a 2 year concrete surface coating warranty. This is an OJT VIP Pilot Project. Please see Special Provision for Preparation and Consideration of Bids on On-the-Job-Training Voluntary Incentive Program Projects.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212508A	23A0611	N/A	ER 26031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	1,631.000	Dlr
0010	Mobilization, Max \$1,092,700.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.100	Acre
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0025	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0035	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0040	Dr Structure, Rem	2030011	2.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	165.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	300.000	Ft
0055	Fence, Rem	2040025	1,336.000	Ft
0060	Guardrail, Rem	2040035	50.000	Ft
0065	Pavt, Rem	2040050	2,376.000	Syd
0070	Excavation, Earth	2050016	2,385.000	Cyd
0075	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0080	_ Embankment, CIP, Spec	2057021	13,733.000	Cyd
0085	Aggregate	2060005	83.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	66.000	Ft
0095	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0100	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0105	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0110	Erosion Control, Sand Bag	2080028	90.000	Ea
0115	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0120	Erosion Control, Sediment Trap	2080034	5.000	Ea

0125	Erosion Control, Silt Fence	2080036	3,674.000	Ft
0130	Subbase, CIP	3010002	4,915.000	Cyd
0135	Aggregate Base, 4 inch	3020010	506.000	Syd
0140	Aggregate Base, 6 inch	3020016	9,021.000	Syd
0145	Aggregate Surface Cse, 6 inch	3060010	110.000	Syd
0150	Shld, CI II, 5 inch	3070127	891.000	Syd
0155	_ Shld, CI II, Modified	3077031	3,972.000	Ton
0160	Culv End Sect, 12 inch	4010012	1.000	Ea
0165	Culv End Sect, 18 inch	4010018	2.000	Ea
0170	Culv End Sect, 24 inch	4010024	1.000	Ea
0175	Culv End Sect, 30 inch	4010030	1.000	Ea
0180	Culv End Sect, Footing	4010072	5.000	Ea
0185	Dr Marker Post	4011109	16.000	Ea
0190	Outfall Label	4011115	5.000	Ea
0195	Culv, Outlet Headwall, 12 inch	4012000	4.000	Ea
0200	Culv End Sect 24 inch, Grate	4012024	1.000	Ea
0205	Sewer, CI A, 18 inch, Tr Det A	4020006	45.000	Ft
0210	Sewer, CI A, 24 inch, Tr Det A	4020007	147.000	Ft
0215	Sewer, CI A, 12 inch, Tr Det B	4020033	105.000	Ft
0220	Sewer, CI A, 24 inch, Tr Det B	4020036	78.000	Ft
0225	Sewer, CI A, 30 inch, Tr Det B	4020037	66.000	Ft
0230	Sewer, CI A, 12 inch, Tr Det C	4020063	176.000	Ft
0235	Sewer, CI B, 12 inch, Tr Det B	4020183	169.000	Ft
0240	Sewer, CI B, 24 inch, Tr Det B	4020186	160.000	Ft
0245	Video Taping Sewer and Culv Pipe	4021275	946.000	Ft
0250	Dr Structure Cover, Type B	4030010	4.000	Ea
0255	Dr Structure Cover, Type C	4030015	12.000	Ea
0260	Dr Structure, 24 inch dia	4030200	4.000	Ea
0265	Dr Structure, 48 inch dia	4030210	11.000	Ea
0270	Dr Structure, 72 inch dia	4030230	1.000	Ea
0275	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	43.000	Ft
0280	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	4.000	Ft
0285	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	2.000	Ft
0290	Underdrain, Subbase, 6 inch	4040063	3,480.000	Ft
0295	Underdrain Outlet, 6 inch	4040093	167.000	Ft
0300	Video Inspection of Underdrain	4040200	4,431.000	Ft
0305	_ Underdrain Outlet Ending, Modified	4047050	8.000	Ea
0310	Cold Milling HMA Surface	5010002	59.000	Syd
0315	HMA Surface, Rem	5010005	6,462.000	Syd
0320	HMA Quality Initiative	5010007	4,270.000	Dlr
0325	Pavt for Butt Joints, Rem	5010008	4,934.000	Syd
0330	Longit Joint Density Quality Initiative	5010018	5,140.000	Dlr
0335	HMA Approach	5010061	5.000	Ton

0340	HMA, 3EML	5012013	1,490.000	Ton
0345	HMA, 5EML	5012037	640.000	Ton
0350	Micro-Surface, Rutfilling	5040005	934.000	Ton
0355	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	145,644.000	Syd
0360	Joint, Expansion, E3	6020208	120.000	Ft
0365	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	178.000	Syd
0370	_ Timber Rub Rail	7097001	408.000	Ft
0375	Driveway, Nonreinf Conc, 7 inch	8010006	476.000	Syd
0380	Curb and Gutter, Conc, Det B1	8020015	57.000	Ft
0385	Curb and Gutter, Conc, Det D2	8020031	781.000	Ft
0390	_ Curb and Gutter, Bridge Approach, Det 5, Modified	8027001	80.000	Ft
0395	_ Curb, Conc, Det E1, Modified	8027001	80.000	Ft
0400	_ Spillway, Conc, Modified	8027001	92.000	Ft
0405	_ Shld Gutter, Conc, Det 2, Modified	8027050	4.000	Ea
0410	Detectable Warning Surface	8030010	20.000	Ft
0415	Curb Ramp Opening, Conc	8030030	26.000	Ft
0420	Sidewalk, Conc, 4 inch	8030044	3,795.000	Sft
0425	Sidewalk, Conc, 8 inch	8030048	400.000	Sft
0430	Curb Ramp, Conc, 6 inch	8032002	339.000	Sft
0435	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0440	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0445	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0450	Guardrail, Salv	8070075	2,317.000	Ft
0455	Guardrail Reflector	8070080	180.000	Ea
0460	Guardrail Height, Adj	8070100	390.000	Ft
0465	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0470	Guardrail, Reconst, Type MGS-8	8072078	1,043.000	Ft
0475	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0480	Guardrail, Type MGS-8, 72 inch Post	8072179	2,450.000	Ft
0485	_ Fence, Ornamental Aluminum, 42 inch	8087001	200.000	Ft
0490	Delineator Reflector, Green	8100133	4.000	Ea
0495	Delineator, Rem	8100349	1.000	Ea
0500	Post, Rigid, Delineator	8100361	4.000	Ea
0505	Post, Steel, 3 pound	8100371	314.000	Ft
0510	Sign, Type III, Rem	8100403	19.000	Ea
0515	Sign, Type IIIA	8100404	54.000	Sft
0520	Sign, Type IIIB	8100405	54.000	Sft
0525	Reflective Panel for Permanent Sign Support, 3 foot	8100613	18.000	Ea
0530	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0535	Ground Mtd Sign Support, Rem	8102010	17.000	Ea
0540	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	300.000	Ft
0545	Pavt Mrkg, Waterborne, 4 inch, White	8110231	117,925.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,987.000	Ft
0555	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,556.000	Ft
0560	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,923.000	Ft

0565	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	117,925.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,987.000	Ft
0575	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,556.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,923.000	Ft
0585	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,272.000	Ft
0590	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0595	Recessing Pavt Mrkg, Longit	8110450	7,207.000	Ft
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0605	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0610	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	650.000	Ea
0615	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	650.000	Ea
0620	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0625	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0635	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,250.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	14,700.000	Ft
0645	Plastic Drum, Fluorescent, Furn	8120252	42.000	Ea
0650	Plastic Drum, Fluorescent, Oper	8120253	42.000	Ea
0655	Sign Cover	8120310	4.000	Ea
0660	Sign, Portable, Changeable Message, Furn	8120330	9.000	Ea
0665	Sign, Portable, Changeable Message, Oper	8120331	9.000	Ea
0670	Sign, Type A, Temp, Prismatic, Furn	8120340	140.000	Sft
0675	Sign, Type A, Temp, Prismatic, Oper	8120341	140.000	Sft
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	2,189.000	Sft
0685	Sign, Type B, Temp, Prismatic, Oper	8120351	2,189.000	Sft
0690	Traf Regulator Control	8120370	1.000	LSUM
0695	Temp Rumble Strips (Orange), Stop Condition	8122186	1,100.000	Ft
0700	Riprap, Plain	8130010	254.000	Syd
0705	Ditch, Plain Cobble	8140005	31.000	Syd
0710	Slope Restoration, Non-Freeway, Type A	8162001	124.000	Syd
0715	Slope Restoration, Non-Freeway, Type B	8162002	3,437.000	Syd
0720	Slope Restoration, Non-Freeway, Type C	8162003	5,630.000	Syd
0725	Slope Restoration, Non-Freeway, Type D	8162004	51.000	Syd
0730	_ Bioretention Seeding	8167011	483.000	Syd
0735	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	1,382.000	Ft
0740	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	2,626.000	Ft
0745	Contractor Staking	8240001	1.000	LSUM
0750	Staking Plan Errors and Extras, Max \$180/hour	8240002	119.000	Hr

Section: 2

0755	Structures, Rem Portions (B01 of 26031)	2040061	1.000	LSUM
0760	Flowable Fill, Non-Structural	2050148	650.000	Cyd
0765	Backfill, Structure, CIP	2060002	710.000	Cyd

0770	Excavation, Fdn	2060010	3,790.000	Cyd
0775	_ Geotextile Reinforcement	2067011	19,465.000	Syd
0780	_ Geosynthetic Reinf Soil Granular Fill	2067021	1,255.000	Cyd
0785	Erosion Control, Filter Bag	2080014	6.000	Ea
0790	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0795	Erosion Control, Turbidity Curtain, Deep	2080042	140.000	Ft
0800	Aggregate Base	3020001	835.000	Ton
0805	Underdrain, Fdn, 4 inch	4040031	720.000	Ft
0810	Underdrain Outlet, 4 inch	4040091	64.000	Ft
0815	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0820	Steel Sheet Piling, Permanent	7040001	13,195.000	Sft
0825	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	800.000	Sft
0830	_ Cofferdam, Left in Place, Spec (B01 of 26031)	7047051	1.000	LSUM
0835	Pile Driving Equipment, Furn (B01 of 26031)	7050002	1.000	LSUM
0840	Pile, Steel, Furn and Driven, 12 inch	7050030	5,760.000	Ft
0845	Pile, Steel, Splice	7050050	76.000	Ea
0850	_ Test Pile, Dynamic Analysis	7057050	8.000	Ea
0855	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	4.000	Ea
0860	Bridge Ltg, Furn and Rem (B01 of 26031)	7060001	1.000	LSUM
0865	Bridge Ltg, Oper and Maintain	7060002	560.000	Cyd
0870	Elec Grounding System	7060040	1.000	Ea
0875	Expansion Joint Device	7060050	120.000	Ft
0880	Expansion Joint Device, Cover Plate	7060051	20.000	Ft
0885	False Decking	7060060	13,720.000	Sft
0890	Substructure Conc, High Performance	7060101	1,380.000	Cyd
0895	Superstructure Conc, Form, Finish, and Cure (B01 of 26031)	7060111	1.000	LSUM
0900	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 26031)	7060112	1.000	LSUM
0905	Superstructure Conc, High Performance	7060116	120.000	Cyd
0910	Superstructure Conc, Night Casting, High Performance	7060117	560.000	Cyd
0915	Sealing Localized Cracks (B01 of 26031)	7060220	1.000	LSUM
0920	Conc, Grade 3500, Subfooting	7062000	70.000	Cyd
0925	Conc, Grade 3500HP	7062002	205.000	Cyd
0930	_ Reinforcement, Steel, Low Carbon Chromium	7067030	237,538.000	Lb
0935	Bearing, Elastomeric, 2 3/4 inch	7070019	17,990.000	Sin
0940	Shear Developers (B01 of 26031)	7070040	1.000	LSUM
0945	Structural Steel, Mixed, Furn and Fab	7070051	3,360.000	Lb
0950	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	8,590.000	Lb
0955	Steel Diaphragm, Prest Conc Beam, Erect	7070054	8,590.000	Lb
0960	Prest Conc Bulb-Tee Beam, Furn, 48 inch by 49 inch	7080120	2,087.000	Ft
0965	Prest Conc Bulb-Tee Beam, Erect, 48 inch by 49 inch	7080121	2,087.000	Ft
0970	Joint Waterproofing	7100001	450.000	Sft
0975	Joint Waterproofing, Expansion	7100003	180.000	Sft
0980	Conc Surface Coating, Warranty (B01 of 26031)	7100009	1.000	LSUM

0985	Substructure Horizontal Surface Sealer (B01 of 26031)	7100030	62.000	Syd
0990	Bridge Railing, 4 Tube	7110010	555.000	Ft
0995	_ Structure, Temp, Rem and Transport (B01 of 26031)	7147051	1.000	LSUM
1000	_ Scour Monitoring System, Salv (B01 of 26031)	8007051	1.000	LSUM
1005	_ Fence, Ornamental Aluminum, 36 inch	8087001	651.000	Ft
1010	Riprap, Plain	8130011	6,983.000	Ton
1015	_ Riprap, Plain, Salv	8137031	3,591.000	Ton
1020	_ Riprap, Spec, Class II	8137031	2,801.000	Ton
1025	Structure Survey During Construction (B01 of 26031)	8240020	1.000	LSUM



5/25/2023 9:23 AM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 002**Letting Date:** July 7, 2023**Contract ID:** 29022-113221-2

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

Project Information

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Great Lake Central Railroad	1027060	10,000.000	Dlr
0010	Mobilization, Max \$3,068,200.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.100	Acre
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0025	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	77.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0045	Culv, End, Rem, Less than 24 inch	2030005	6.000	Ea
0050	Dr Structure, Rem	2030011	8.000	Ea
0055	Sewer, Rem, Less than 24 inch	2030015	431.000	Ft
0060	Curb and Gutter, Rem	2040020	1,110.000	Ft
0065	Fence, Rem	2040025	32.000	Ft
0070	Guardrail, Rem	2040035	1,983.000	Ft
0075	Masonry and Conc Structure, Rem	2040045	191.000	Cyd
0080	Pavt, Rem	2040050	8,838.000	Syd
0085	Ditch Cleanout	2050006	250.000	Sta
0090	Embankment, CIP	2050010	16,728.000	Cyd
0095	Excavation, Earth	2050016	55,399.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0105	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	3,309.000	Ft

0115	Erosion Control, Filter Bag	2080014	8.000	Ea
0120	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0125	Erosion Control, Gravel Filter Berm	2080018	1,000.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0135	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0140	Erosion Control, Maintenance, Sediment Rem	2080026	57.000	Cyd
0145	Erosion Control, Sand Bag	2080028	1,100.000	Ea
0150	Erosion Control, Sediment Basin	2080032	74.000	Cyd
0155	Erosion Control, Sediment Trap	2080034	196.000	Ea
0160	Erosion Control, Silt Fence	2080036	9,365.000	Ft
0165	Project Cleanup	2090001	1.000	LSUM
0170	Subbase, CIP	3010002	18,960.000	Cyd
0175	Aggregate Base, 6 inch	3020016	17,967.000	Syd
0180	Aggregate Base, 8 inch	3020020	44,802.000	Syd
0185	Aggregate Base, 12 inch	3020030	641.000	Syd
0190	Approach, CI II, 6 inch	3070028	2,044.000	Syd
0195	Shld, CI II	3070121	49.000	Ton
0200	Shld, CI II, 4 inch	3070126	46,968.000	Syd
0205	Shld, CI II, 5 inch, Temp	3070182	2,233.000	Syd
0210	Road Grade Biaxial Geogrid	3082002	1,378.000	Syd
0215	Culv End Sect, 12 inch	4010012	14.000	Ea
0220	Culv End Sect, 15 inch	4010015	4.000	Ea
0225	Culv End Sect, 18 inch	4010018	92.000	Ea
0230	Culv End Sect, 30 inch	4010030	2.000	Ea
0235	Culv End Sect, Footing	4010072	116.000	Ea
0240	Culv, CI A, 18 inch	4010133	909.000	Ft
0245	Culv, CI A, 24 inch	4010134	8.000	Ft
0250	Culv, CI E, 18 inch	4010541	3,878.000	Ft
0255	Culv, CI F, 12 inch	4010607	261.000	Ft
0260	Culv, CI F, 15 inch	4010608	44.000	Ft
0265	Culv, CI F, 18 inch	4010609	420.000	Ft
0270	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0275	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	21.000	Ea
0280	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	6.000	Ea
0285	Dr Marker Post	4011109	113.000	Ea
0290	_ Culv Cleanout	4017001	500.000	Ft
0295	_ Stoplog Structure	4017050	2.000	Ea
0300	Sewer, CI A, 18 inch, Tr Det A	4020006	531.000	Ft
0305	Sewer, CI A, 18 inch, Tr Det B	4020035	1,121.000	Ft
0310	Sewer, CI A, 30 inch, Tr Det B	4020037	43.000	Ft
0315	Sewer, CI E, 12 inch, Tr Det B	4020600	431.000	Ft
0320	Sewer Tap, 18 inch	4021206	1.000	Ea
0325	Sewer Tap, 60 inch	4021213	1.000	Ea
0330	Video Taping Sewer and Culv Pipe	4021275	7,484.000	Ft
0335	_ Slotted Drain, Galv, 12 inch	4027001	1,190.000	Ft

0340	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0345	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0350	Dr Structure Cover, Type B	4030010	7.000	Ea
0355	Dr Structure Cover, Type G	4030040	5.000	Ea
0360	Dr Structure Cover, Type J	4030045	2.000	Ea
0365	Dr Structure Lead, Cleaning, 12 inch	4030112	250.000	Ft
0370	Dr Structure Lead, Cleaning, 15 inch	4030115	250.000	Ft
0375	Dr Structure Lead, Cleaning, 18 inch	4030118	250.000	Ft
0380	Dr Structure, 24 inch dia	4030200	4.000	Ea
0385	Dr Structure, 48 inch dia	4030210	9.000	Ea
0390	Dr Structure, 60 inch dia	4030220	5.000	Ea
0395	Dr Structure, 72 inch dia	4030230	1.000	Ea
0400	Dr Structure, 96 inch dia	4030234	1.000	Ea
0405	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	1.000	Ft
0410	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	1.000	Ft
0415	Dr Structure, Cleaning	4030290	10.000	Ea
0420	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0425	Mh Base, 60 inch, Type 1	4030421	1.000	Ea
0430	_ Dr Structure Cover, Type D, Modified	4037050	7.000	Ea
0435	Underdrain, Subbase, 6 inch	4040063	1,255.000	Ft
0440	Underdrain Outlet, 6 inch	4040093	530.000	Ft
0445	Underdrain, Outlet Ending, 6 inch	4040113	20.000	Ea
0450	Video Inspection of Underdrain	4040200	1,000.000	Ft
0455	Pavt, Cleaning	5010001	1.000	LSUM
0460	Cold Milling HMA Surface	5010002	311,318.000	Syd
0465	Bump Grinding	5010004	400.000	Syd
0470	HMA Surface, Rem	5010005	63,889.000	Syd
0475	HMA Quality Initiative	5010007	154,376.000	Dlr
0480	Pavt for Butt Joints, Rem	5010008	324.000	Syd
0485	Longit Joint Density Quality Initiative	5010018	435,118.000	Dlr
0490	Pavt Joint and Crack Repr, Det 7	5010020	9,500.000	Ft
0495	Pavt Joint and Crack Repr, Det 8	5010021	3,000.000	Ft
0500	Hand Patching	5010025	4,733.000	Ton
0505	HMA Approach	5010061	13,565.000	Ton
0510	HMA, 3EML	5012013	568.000	Ton
0515	HMA, 4EML	5012025	33,154.000	Ton
0520	HMA, 5EML	5012037	25,168.000	Ton
0525	HMA, Temp Pavt (3EML)	5012101	3,106.000	Ton
0530	HMA, Temp Pavt (4EML)	5012103	6,243.000	Ton
0535	HMA, Temp Pavt (5EML)	5012105	1,553.000	Ton
0540	_ Ride Incentive	5017060	92,466.000	Dlr
0545	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	65.000	Syd
0550	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	576.000	Syd

0555	Steel Sheet Piling, Permanent	7040001	1,280.000	Sft
0560	Curb and Gutter, Conc, Det B2	8020016	2,837.000	Ft
0565	Shld Gutter, Conc, Det 2	8020056	14.000	Ea
0570	Curb and Gutter, Bridge Approach, Det 5	8022016	85.000	Ft
0575	Curb and Gutter, Bridge Approach, Det 6	8022017	107.000	Ft
0580	Sidewalk, Conc, 6 inch	8030046	9,961.000	Sft
0585	Sidewalk, Conc, 7 inch	8030047	1,662.000	Sft
0590	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0595	Guardrail Approach Terminal, Type 2M	8070044	9.000	Ea
0600	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0605	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
0610	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
0615	Guardrail Post, Culv	8070070	15.000	Ea
0620	Guardrail Reflector	8070080	67.000	Ea
0625	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0630	Guardrail Anch, Bridge, Det M4	8070133	2.000	Ea
0635	Guardrail, Temp, Type MGS-8, 72 inch Post	8072004	75.000	Ft
0640	Guardrail, Long Span, Det MGS-1	8072121	1.000	Ea
0645	Guardrail, Curved, Type B-CRT	8072154	226.000	Ft
0650	Guardrail, Type T, 84 inch Post	8072175	26.000	Ft
0655	Guardrail, Type MGS-8, 72 inch Post	8072179	1,698.000	Ft
0660	Delineator Reflector, Red	8100131	95.000	Ea
0665	Delineator Reflector, Yellow	8100132	424.000	Ea
0670	Delineator Reflector, Green	8100133	42.000	Ea
0675	Delineator Reflector, White	8100134	261.000	Ea
0680	Fdn, Wood Support, Rem	8100280	32.000	Ea
0685	Installing MDOT Supplied Sign, Type III	8100302	12.000	Ea
0690	Post, Rigid, Delineator	8100361	745.000	Ea
0695	Post, Steel, 3 pound	8100371	7,816.000	Ft
0700	Post, Wood, 4 inch by 6 inch	8100380	1,000.000	Ft
0705	Post, Wood, 6 inch by 8 inch	8100382	544.000	Ft
0710	Sign, Type IB	8100393	60.000	Sft
0715	Sign, Type II, Rem	8100397	24.000	Ea
0720	Sign, Type IIA	8100398	974.000	Sft
0725	Sign, Type IIB	8100399	74.000	Sft
0730	Sign, Type III, Rem	8100403	198.000	Ea
0735	Sign, Type IIIA	8100404	1,578.000	Sft
0740	Sign, Type IIIB	8100405	1,089.000	Sft
0745	Sign, Type V, Rem	8100421	6.000	Ea
0750	Sign, Type VB	8100425	373.000	Sft
0755	Reflective Panel for Permanent Sign Support, 3 foot	8100613	152.000	Ea
0760	Reflective Panel for Permanent Sign Support, 6 foot	8100616	62.000	Ea
0765	Ground Mtd Sign Support, Rem	8102010	221.000	Ea
0770	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	204.000	Ft
0775	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	3.000	Ea

0780	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	1,500.000	Ft
0785	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,610.000	Ft
0790	Rem Spec Mrkg	8110343	310.000	Sft
0795	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	35.000	Ea
0800	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
0805	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	30.000	Ea
0810	Recessing Pavt Mrkg, Longit	8110450	155,643.000	Ft
0815	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	93,172.000	Ft
0820	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	294.000	Ft
0825	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	62,138.000	Ft
0830	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	120.000	Ea
0835	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	120.000	Ea
0840	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0845	Conc Barrier Ending, Temp, Det 2, Furn	8120041	25.000	Ea
0850	Conc Barrier Ending, Temp, Det 2, Oper	8120042	25.000	Ea
0855	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	91.000	Ea
0860	Conc Barrier Reflector Replacement	8120070	130.000	Ea
0865	Conc Barrier, Temp, Adj	8120080	3,000.000	Ft
0870	Conc Barrier, Temp, Furn	8120081	10,200.000	Ft
0875	Conc Barrier, Temp, Oper	8120082	10,200.000	Ft
0880	Conc Barrier, Temp, Relocated	8120083	47,000.000	Ft
0885	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	100.000	Ea
0890	Delineator, Flexible, Temp, Furn	8120091	210.000	Ea
0895	Delineator, Flexible, Temp, Oper	8120092	210.000	Ea
0900	Glare Screen, Temp	8120094	4,900.000	Ft
0905	Glare Screen, Temp, Relocated	8120095	10,300.000	Ft
0910	Glare Screen, Temp, Complete Sect, Replaced	8120096	130.000	Ea
0915	Tubular Marker	8120097	475.000	Ea
0920	Tubular Marker, Replacement	8120098	50.000	Ea
0925	High Intensity Light, Type B, Furn	8120110	25.000	Ea
0930	High Intensity Light, Type B, Oper	8120111	25.000	Ea
0935	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0940	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0945	Ltg for Night Work	8120160	1.000	LSUM
0950	Minor Traf Devices	8120170	1.000	LSUM
0955	Mobile Attenuator	8120180	2.000	Ea
0960	Pavt Mrkg Cover, Type R, Black	8120200	3,780.000	Ft
0965	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	420,570.000	Ft
0970	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,610.000	Ft
0975	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	830.000	Ft
0980	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	1,260.000	Ft

0985	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	160.000	Ft
0990	Plastic Drum, Fluorescent, Furn	8120252	2,130.000	Ea
0995	Plastic Drum, Fluorescent, Oper	8120253	2,130.000	Ea
1000	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	60.000	Ft
1005	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	310.000	Ea
1010	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	310.000	Ea
1015	Sign Cover	8120310	280.000	Ea
1020	Sign Cover, Type I	8120320	5.000	Ea
1025	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1030	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1035	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
1040	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
1045	Sign, Type B, Temp, Prismatic, Furn	8120350	9,590.000	Sft
1050	Sign, Type B, Temp, Prismatic, Oper	8120351	9,590.000	Sft
1055	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2,750.000	Sft
1060	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2,750.000	Sft
1065	Traf Regulator Control	8120370	1.000	LSUM
1070	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	300.000	Ft
1075	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	300.000	Ft
1080	Conc Barrier, Temp, Limited Deflection, Det 1, Relocated	8121003	600.000	Ft
1085	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	500.000	Ft
1090	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	500.000	Ft
1095	Conc Barrier, Temp, Limited Deflection, Det 2, Relocated	8121103	300.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	86,830.000	Ft
1105	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	77,530.000	Ft
1110	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	520,190.000	Ft
1115	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	450,370.000	Ft
1120	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	1,910.000	Ft
1125	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	3,270.000	Ft
1130	Speed Radar Trailer, Temp	8122028	2.000	Ea
1135	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	2,730.000	Ft
1140	_ Bipartisan Infrastructure Law, Non-Freeway, Type IIA, Temp, Furn	8127050	2.000	Ea
1145	_ Bipartisan Infrastructure Law, Non-Freeway, Type IIA, Temp, Oper	8127050	2.000	Ea
1150	_ Temp Guardrail Delineator	8127050	50.000	Ea
1155	Riprap, Heavy	8130005	210.000	Syd

1160	Riprap, Plain	8130010	3,040.000	Syd
1165	Riprap, Plain	8130011	2,843.000	Ton
1170	_ Ditch Liner, 12 foot Width	8137011	276.000	Syd
1175	_ Ditch Liner, 16 foot Width	8137011	1,250.000	Syd
1180	Mulch	8160025	13,632.000	Syd
1185	Seeding, Mixture THV	8160040	282.000	Lb
1190	Water, Sodding/Seeding	8160090	48.000	Unit
1195	Slope Restoration, Non-Freeway, Type A	8162001	101,535.000	Syd
1200	Slope Restoration, Non-Freeway, Type B	8162002	170,765.000	Syd
1205	Slope Restoration, Non-Freeway, Type C	8162003	6,895.000	Syd
1210	Slope Restoration, Non-Freeway, Type E	8162005	3,459.000	Syd
1215	Conduit, Directional Bore, 1, 3 inch	8182035	124.000	Ft
1220	Hh, Round	8182310	2.000	Ea
1225	Pedestal, Alum	8200100	2.000	Ea
1230	Pedestal, Fdn	8200105	2.000	Ea
1235	Pedestal Fdn, Rem	8200106	2.000	Ea
1240	Pedestal, Rem	8200110	2.000	Ea
1245	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
1250	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
1255	TS Head, Temp	8200453	6.000	Ea
1260	TS Face, Bag	8200458	6.000	Ea
1265	TS Face, Bag, Rem	8200459	6.000	Ea
1270	Monument Box	8210001	1.000	Ea
1275	Monument Box Adj	8210005	10.000	Ea
1280	Monument Preservation	8210010	1.000	Ea
1285	Protect Corners	8210020	10.000	Ea
1290	Non-Freeway Shld Corrugations, Milled, HMA	8220025	60,589.000	Ft
1295	Contractor Staking	8240001	1.000	LSUM
1300	Staking Plan Errors and Extras, Max \$180/hour	8240002	332.000	Hr

Section: 2

1305	Structures, Rem (C04 of 29011)	2040060	1.000	LSUM
1310	Structures, Rem (C05 of 29011)	2040060	1.000	LSUM
1315	Flowable Fill, Non-Structural	2050148	57.000	Cyd
1320	_ Excavation, Channel, Spec	2057021	1,103.000	Cyd
1325	Backfill, Structure, CIP	2060002	5,982.000	Cyd
1330	Excavation, Fdn	2060010	10,742.000	Cyd
1335	Erosion Control, Turbidity Curtain, Deep	2080042	690.000	Ft
1340	_ Articulating Conc Block System, 6 inch	2087011	630.000	Syd
1345	Underdrain, Fdn, 6 inch	4040033	708.000	Ft
1350	Culv Bedding, Box Culv	4060005	570.000	Cyd
1355	_ Culv, Precast Conc Box, 14 foot by 10 foot	4067001	155.000	Ft
1360	_ Culv, Precast Conc Box, 24 foot by 10 foot	4067001	148.000	Ft
1365	Steel Sheet Piling, Temp	7040002	1,054.000	Sft
1370	Steel Sheet Piling, Temp, Left in Place	7040003	4,381.000	Sft

1375	_ Steel Sheet Piling, Temp, Spec	7047010	3,930.000	Sft
1380	Reinforcement, Steel, Epoxy Coated	7060092	37,093.000	Lb
1385	Substructure Conc, High Performance	7060101	23.000	Cyd
1390	Liner, PVC, 30 mil	7060209	2,100.000	Syd
1395	Sealing Localized Cracks (B02-1 of 29011)	7060220	1.000	LSUM
1400	Sealing Localized Cracks (B02-2 of 29011)	7060220	1.000	LSUM
1405	_ Conc Pavt, Bridge Approach, Reinf, Modified	7067011	1,074.000	Syd
1410	Joint Waterproofing	7100001	295.000	Sft
1415	Conc Surface Coating, Warranty (B02-1 of 29011)	7100009	1.000	LSUM
1420	Conc Surface Coating, Warranty (B02-2 of 29011)	7100009	1.000	LSUM
1425	_ Silane Treatment	7107010	660.000	Sft
1430	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, Replacement, High Performance	7112110	78.000	Ft
1435	Scarifying	7120001	680.000	Syd
1440	Hand Chipping, Deep	7120004	66.000	Syd
1445	Hand Chipping, Other Than Deck	7120007	358.000	Cft
1450	Patch, Forming	7120017	1,432.000	Sft
1455	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	228.000	Ea
1460	Structures, Rehabilitation, Rem Portions (B02-2 of 29011)	7120070	1.000	LSUM
1465	Flushing Cracks, Water	7120098	534.000	Ft
1470	Structural Crack, Repr	7120099	534.000	Ft
1475	Patching Conc, C-L	7120112	21.000	Cyd
1480	Embedded Galvanic Anode	7120120	716.000	Ea
1485	_ Hand Chipping, Spec	7127010	256.000	Sft
1490	_ Placing and Finishing Polyester Polymer Conc Ovly	7127011	680.000	Syd
1495	_ Latex Modified Conc, Spec	7127021	5.000	Cyd
1500	_ Polyester Polymer Conc Ovly	7127021	66.000	Cyd
1505	_ Bridge Cleaning (B02-1 of 29011)	7127051	1.000	LSUM
1510	_ Bridge Cleaning (B02-2 of 29011)	7127051	1.000	LSUM
1515	_ Maintainable Drain, Steel, 4 inch	7177050	24.000	Ea
1520	_ Riprap, Spec, Class II	8137031	296.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 230707 003

Letting Date: July 7, 2023

Contract ID: 82072-218154

Description: Application of longitudinal and intersection pavement markings on Gratiot Avenue (M-3) from Randolph Street to 8 Mile Road (M-102) in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218154A	23A0614	N/A	ST 82072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Conrail	1027060	6,000.000	Dlr
0010	Mobilization, Max \$176,000.00	1100001	1.000	LSUM
0015	Project Cleanup	2090001	1.000	LSUM
0020	Pavt, Cleaning	5010001	1.000	LSUM
0025	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	8,081.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	4,264.000	Ft
0035	Pavt Mrkg, Ovly Cold Plastic, Bus	8110059	106.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	52.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	11.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	6.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	106.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0075	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	386.000	Ft
0080	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	1,808.000	Ft
0085	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	261,056.000	Ft
0090	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	67,869.000	Ft
0095	Rem Spec Mrkg	8110343	18,670.000	Sft
0100	Pavt Mrkg, Ovly Cold Plastic, South	8110373	1.000	Ea
0105	Recessing Pavt Mrkg, Longit	8110450	328,925.000	Ft
0110	Recessing Pavt Mrkg, Transv	8110451	51,105.000	Sft
0115	Recessing Pavt Mrkg, Guide Line	8110453	45.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 6 inch, Dotted Thru Guide Line, White	8110570	70.000	Ft
0125	_ Pavt Mrkg, Transit Lane, Red	8117010	14,416.000	Sft
0130	_ Pavt Mrkg, Preformed Thermopl I-375 Route Shield, 6 foot by 15 foot	8117050	1.000	Ea

0135	_ Pavt Mrkg, Preformed Thermopl I-75 Route Shield, 6 foot by 15 foot	8117050	2.000	Ea
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0150	Pedestrian Type II Barricade, Temp	8120026	40.000	Ea
0155	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0165	Minor Traf Devices	8120170	1.000	LSUM
0170	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	245,090.000	Ft
0175	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,329.000	Ft
0180	Plastic Drum, Fluorescent, Furn	8120252	454.000	Ea
0185	Plastic Drum, Fluorescent, Oper	8120253	454.000	Ea
0190	Sign Cover	8120310	25.000	Ea
0195	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0200	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	538.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	538.000	Sft
0215	Traf Regulator Control	8120370	1.000	LSUM
0220	Contractor Staking	8240001	1.000	LSUM
0225	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr



5/31/2023 3:23 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 004**Letting Date:** July 7, 2023**Contract ID:** 81031-214995

Description: Bridge rehabilitation including epoxy overlay, deck patching, expansion joint replacement, prestressed concrete beam repairs, substructure patching and approach shoulder reconstruction on US-12 over Ann Arbor Railroad, Washtenaw County. This project includes a 5 year epoxy overlay warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214995A	N/A	N/A	M 81031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$157,900.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.400	Acre
0015	Tree, Rem, 6 inch to 18 inch	2020004	18.000	Ea
0020	Embankment, CIP	2050010	290.000	Cyd
0025	Excavation, Earth	2050016	290.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0040	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0050	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	5.000	Ea
0055	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0060	Erosion Control, Silt Fence	2080036	3,790.000	Ft
0065	Project Cleanup	2090001	1.000	LSUM
0070	Aggregate Base, 6 inch	3020016	1,620.000	Syd
0075	Maintenance Gravel	3060020	550.000	Ton
0080	Shld, CI II, LM	3070123	70.000	Cyd
0085	Pavt, Cleaning	5010001	1.000	LSUM
0090	HMA Surface, Rem	5010005	2,630.000	Syd
0095	HMA Quality Initiative	5010007	1,960.000	Dlr
0100	Hand Patching	5010025	10.000	Ton
0105	HMA Approach	5010061	970.000	Ton
0110	Joint, Pressure Relief	6020213	48.000	Ft
0115	Guardrail, Reconst, Type B	8070105	12.000	Ft
0120	Fence, Protective	8080007	660.000	Ft
0125	Pavt Mrkg, Polyurea, 6 inch, White	8110094	2,740.000	Ft
0130	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	300.000	Ft
0135	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	290.000	Ft

0140	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0145	Pavt Mrkg, Thermopl, Rumble Strip	8110470	144.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0160	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0165	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0170	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0175	Conc Barrier, Temp, Adj	8120080	370.000	Ft
0180	Conc Barrier, Temp, Furn	8120081	370.000	Ft
0185	Conc Barrier, Temp, Oper	8120082	370.000	Ft
0190	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0195	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0205	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Mobile Attenuator	8120180	1.000	Ea
0220	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	3,030.000	Ft
0225	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0235	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0240	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0245	Sign, Type B, Temp, Prismatic, Furn	8120350	490.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	490.000	Sft
0255	Traf Regulator Control	8120370	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	6,080.000	Ft
0265	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	8,350.000	Ft
0270	Site Preparation, Max \$3,200.00	8150001	1.000	LSUM
0275	Watering and Cultivating, First Season, Min \$1,600.00	8150002	1.000	LSUM
0280	Watering and Cultivating, 2nd Season, Min \$1,900.00	8150003	1.000	LSUM
0285	Liquidambar styraciflua, 1 3/4 inch	8152163	9.000	Ea
0290	Ulmus x 'Pioneer', 1 3/4 inch	8153962	9.000	Ea
0295	Slope Restoration, Non-Freeway, Type A	8162001	2,680.000	Syd
0300	Contractor Staking	8240001	1.000	LSUM
0305	Staking Plan Errors and Extras, Max \$180/hour	8240002	17.000	Hr

Section: 2

0310	_ Railroad Inspection and Flagging, Ann Arbor Railroad	1027060	150,000.000	Dlr
0315	_ Railroad Protection, Ann Arbor Railroad	1027060	30,000.000	Dlr
0320	Structures, Rem Portions (R01 OF 81031)	2040061	1.000	LSUM
0325	Backfill, Structure, CIP	2060002	61.000	Cyd

0330	Excavation, Fdn	2060010	76.000	Cyd
0335	HMA Patch, Rem	5010006	2.000	Syd
0340	Expansion Joint Device	7060050	117.000	Ft
0345	False Decking	7060060	1,720.000	Sft
0350	Reinforcement, Steel, Epoxy Coated	7060092	4,081.000	Lb
0355	Conc, Grade 4500HP	7062004	12.000	Cyd
0360	Substructure Horizontal Surface Sealer (R01 OF 81031)	7100030	39.000	Syd
0365	_ Silane Treatment	7107010	4,188.000	Sft
0370	Hand Chipping, Shallow	7120003	4.000	Syd
0375	Hand Chipping, Deep	7120004	4.000	Syd
0380	Hand Chipping, Other Than Deck	7120007	208.000	Cft
0385	Patch, Forming	7120017	610.000	Sft
0390	Epoxy Ovly, Warranty	7120022	1,006.000	Syd
0395	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	40.000	Ea
0400	Deck Joint, Rem	7120071	134.000	Ft
0405	Reinforcement, Mechanical Splice	7120084	24.000	Ea
0410	Patching Conc, C-L	7120112	42.000	Cyd
0415	Embedded Galvanic Anode	7120120	146.000	Ea
0420	_ Bridge Joints, Clean and Seal	7127001	121.000	Ft
0425	_ Deck, Scaling	7127010	65.000	Sft
0430	_ Hand Chipping, Spec	7127010	144.000	Sft
0435	_ Maintenance Repr of Prest Conc Beam	7127010	176.000	Sft
0440	_ Latex Modified Conc, Spec	7127021	3.000	Cyd
0445	Support, Column, Temp	7130080	7.000	Ea
0450	_ Clean and Coat Steel Bearing	7157050	27.000	Ea
0455	Slope Paving Header	8130015	350.000	Ft
0460	Slope Paving, Conc	8130020	730.000	Syd



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 005**Letting Date:** July 7, 2023**Contract ID:** 18000-216778

Description: 3.04 mi of hot mix asphalt surfacing, trenching, aggregate shoulders and pavement markings on Surrey Road from M-115 to Old State Avenue and Old State Road from Maple Grove Road to Scott Drive, Clare County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216778A	23A0565	N/A	STUL 18000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Great Lakes Central Railroad	1027060	5,000.000	Dlr
0010	Mobilization, Max \$77,300.00	1100001	1.000	LSUM
0015	Pavt, Rem	2040050	276.000	Syd
0020	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0025	Erosion Control, Silt Fence	2080036	100.000	Ft
0030	Aggregate Base, 6 inch	3020016	10,332.000	Syd
0035	Approach, CI I	3070001	80.000	Ton
0040	Approach, CI II	3070021	178.000	Ton
0045	_ Trenching, Modified	3077002	309.000	Sta
0050	_ Shld, CI II, 3.5 inch	3077011	3,432.000	Syd
0055	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0060	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0065	HMA Surface, Rem	5010005	230.000	Syd
0070	Pavt for Butt Joints, Rem	5010008	1,667.000	Syd
0075	HMA Approach	5010061	128.000	Ton
0080	HMA, 4EL	5012024	1,069.000	Ton
0085	HMA, 5EL	5012036	4,662.000	Ton
0090	Driveway, Nonreinf Conc, 6 inch	8010005	276.000	Syd
0095	Post, Mailbox	8070095	78.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0105	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0115	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,304.000	Ft
0120	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0125	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0130	Sign Cover	8120310	41.000	Ea

0135	Sign, Type B, Temp, Prismatic, Furn	8120350	1,152.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	1,152.000	Sft
0145	Traf Regulator Control	8120370	1.000	LSUM
0150	Monument Box	8210001	2.000	Ea
0155	Monument Preservation	8210010	2.000	Ea
0160	Gate Box, Adj, Case 1	8230431	5.000	Ea
0165	Gate Box, Adj, Case 2	8230432	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 006**Letting Date:** July 7, 2023**Contract ID:** 61000-215759

Description: 0.27 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb, gutter and ramps, signing and pavement markings on Wilcox Street from Cook Street easterly to Old Channel Trail in the city of Montague, Muskegon County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215759A	23A0555	N/A	STUL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$18,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	40.000	Ft
0015	Pavt, Rem	2040050	52.000	Syd
0020	Sidewalk, Rem	2040055	14.000	Syd
0025	Excavation, Earth	2050016	160.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0035	HMA Base Crushing and Shaping	3050002	5,020.000	Syd
0040	Salv Crushed Material, LM	3050015	10.000	Cyd
0045	Maintenance Gravel, LM	3060021	100.000	Cyd
0050	Approach, CI I	3070001	280.000	Ton
0055	Approach, CI II	3070021	20.000	Ton
0060	Dr Structure Cover, Type K	4030050	1.000	Ea
0065	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	5.000	Ea
0070	HMA Surface, Rem	5010005	185.000	Syd
0075	HMA Approach	5010061	295.000	Ton
0080	HMA, 4EL	5012024	785.000	Ton
0085	Driveway, Nonreinf Conc, 6 inch	8010005	60.000	Syd
0090	Curb and Gutter, Conc, Det F4	8020038	699.000	Ft
0095	Curb Ramp Opening, Conc	8030030	12.000	Ft
0100	Curb Ramp, Conc, 6 inch	8032002	120.000	Sft
0105	_ Detectable Warning Surface, Modified	8037001	10.000	Ft
0110	Post, Mailbox	8070095	4.000	Ea
0115	Post, Steel, 3 pound	8100371	112.000	Ft
0120	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0125	Sign, Type III, Rem	8100403	7.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided,	8120012	12.000	Ea

	Lighted, Furn			
0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0140	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0155	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	172.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	172.000	Sft
0170	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	43.000	Sft
0175	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	43.000	Sft
0180	_ Slope Restoration	8167011	1,410.000	Syd
0185	Water Shutoff, Adj, Case 1	8230421	6.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 007**Letting Date:** July 7, 2023**Contract ID:** 82000-215635

Description: 1.01 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on Wayne Road from Joy Road northerly to Plymouth Road in the cities of Livonia and Westland, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215635A	23A0568	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$152,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	207.000	Ft
0015	Sidewalk, Rem	2040055	294.000	Syd
0020	_ Pavt Repr, Remove, Patching	2047011	1,353.000	Syd
0025	_ Misc Obstruction, Rem	2047021	2.000	Cyd
0030	Excavation, Earth	2050016	60.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	38.000	Ea
0040	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0045	Project Cleanup	2090001	1.000	LSUM
0050	Dr Structure, Temp Lowering	4030390	15.000	Ea
0055	_ Dr Structure Reconstruct	4037001	30.000	Ft
0060	_ Dr Structure Cover, Adj	4037050	57.000	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	31,651.000	Syd
0080	HMA Surface, Rem	5010005	651.000	Syd
0085	Pavt Joint and Crack Repr, Det 8	5010021	160.000	Ft
0090	_ Bit Mixture for Patching, Temp	5017031	50.000	Ton
0095	_ Conditioning Existing Pavement	5017031	557.000	Ton
0100	_ Misc HMA Approach	5017031	130.000	Ton
0105	_ Misc HMA, 4EMH	5017031	3,996.000	Ton
0110	_ Misc HMA, 5EMH	5017031	2,742.000	Ton
0115	_ Misc HMA, Hand Patching	5017031	14.000	Ton
0120	_ Misc HMA, Wedge	5017031	179.000	Ton
0125	Joint, Contraction, Cp	6020200	614.000	Ft
0130	Joint, Expansion, E2	6020207	81.000	Ft
0135	_ Cold Weather Protection, Conc Pavt	6027011	1,706.000	Syd

0140	Lane Tie, Epoxy Anchored	6030030	161.000	Ea
0145	_ Pavt Repr, Nonreinf Conc, Patching	6037011	1,353.000	Syd
0150	Curb and Gutter, Conc, Det F5	8020039	100.000	Ft
0155	_ Conc Curb Cap	8027001	30.000	Ft
0160	_ Conc Curb Cap, Patching	8027001	335.000	Ft
0165	Detectable Warning Surface	8030010	115.000	Ft
0170	Curb Ramp Opening, Conc	8030030	207.000	Ft
0175	Sidewalk, Conc, 4 inch	8030044	275.000	Sft
0180	Curb Ramp, Conc, 4 inch	8032001	813.000	Sft
0185	_ Curb Ramp, Conc, 8 inch	8037010	1,599.000	Sft
0190	_ Field Office	8097043	4.000	Mo
0195	_ Sign, Type B, Perm	8107010	345.000	Sft
0200	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	840.000	Ft
0205	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	600.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	340.000	Ft
0215	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	3.000	Ea
0225	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0235	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,100.000	Ft
0240	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	14,660.000	Ft
0245	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	400.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0260	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0265	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0275	Minor Traf Devices	8120170	1.000	LSUM
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,100.000	Ft
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	14,660.000	Ft
0290	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0295	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0300	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	3,100.000	Ft
0305	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	14,660.000	Ft
0310	Sign Cover	8120310	6.000	Ea
0315	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0320	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0325	Sign, Type B, Temp, Prismatic, Furn	8120350	532.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	532.000	Sft

0335	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0345	Traf Regulator Control	8120370	1.000	LSUM
0350	Topsoil Surface, Furn, 2 inch	8160060	2,437.000	Syd
0355	Water, Sodding/Seeding	8160090	76.000	Unit
0360	_ Sodding, Modified	8167011	2,437.000	Syd
0365	Monument Box Adj	8210005	4.000	Ea
0370	Monument Preservation	8210010	4.000	Ea
0375	Protect Corners	8210020	1.000	Ea
0380	Staking Plan Errors and Extras, Max \$180/hour	8240002	15.000	Hr
0385	_ Contractor Staking, Modified	8247051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 230707 008

Letting Date: July 7, 2023

Contract ID: 82000-215677

Description: 0.46 mi of hot mix asphalt cold milling and resurfacing, water main, concrete pavement repair, curb ramps and pavement markings on Lonyo Avenue from Warren Avenue southeasterly to the south city limits of Dearborn, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215677A	23A0584	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, Conrail	1027060	5,000.000	Dlr
0010	Mobilization, Max \$66,800.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	20.000	Ft
0025	Curb and Gutter, Rem	2040020	4,700.000	Ft
0030	Sidewalk, Rem	2040055	67.000	Syd
0035	Excavation, Earth	2050016	450.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0045	Project Cleanup	2090001	1.000	LSUM
0050	Aggregate Base, 6 inch	3020016	1,930.000	Syd
0055	Maintenance Gravel, LM	3060021	50.000	Cyd
0060	Sewer, Cl E, 12 inch, Tr Det B	4020600	20.000	Ft
0065	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0070	Dr Structure, 24 inch dia	4030200	1.000	Ea
0075	Dr Structure, 48 inch dia	4030210	1.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0085	Dr Structure, Cleaning	4030290	18.000	Ea
0090	_ Dr Structure Cover, Modified	4037050	5.000	Ea
0095	Cold Milling HMA Surface	5010002	10,290.000	Syd
0100	HMA Surface, Rem	5010005	1,750.000	Syd
0105	Pavt for Butt Joints, Rem	5010008	250.000	Syd
0110	Pavt Joint and Crack Repr, Det 7	5010020	790.000	Ft
0115	Pavt Joint and Crack Repr, Det 8	5010021	200.000	Ft
0120	Hand Patching	5010025	90.000	Ton
0125	HMA, 4EMH	5012026	1,415.000	Ton
0130	HMA, 5EMH	5012038	850.000	Ton
0135	Cold Milling Conc Pavt	6030014	50.000	Syd

0140	Pavt Repr, Nonreinf Conc, 10 inch	6030048	475.000	Syd
0145	Pavt Repr, Rem	6030080	475.000	Syd
0150	_ Curb and Gutter, Conc, Det F5, Modified	8027001	4,700.000	Ft
0155	Detectable Warning Surface	8030010	132.000	Ft
0160	Curb Ramp Opening, Conc	8030030	132.000	Ft
0165	Curb Ramp, Conc, 4 inch	8032001	600.000	Sft
0170	Pavt Mrkg, Polyurea, 4 inch, White	8110091	180.000	Ft
0175	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	4,600.000	Ft
0180	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	140.000	Ft
0185	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	50.000	Ft
0190	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	110.000	Ft
0195	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	85.000	Ft
0200	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0205	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0210	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0225	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0245	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0255	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0260	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0265	Fertilizer, Chemical Nutrient, CI A	8160020	90.000	Lb
0270	Mulch Blanket	8160027	2,500.000	Syd
0275	Seeding, Mixture TUF	8160042	250.000	Lb
0280	Topsoil Surface, Furn, 4 inch	8160062	2,500.000	Syd
0285	Water, Sodding/Seeding	8160090	125.000	Unit



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Schedule of Pay Items

Report v1

Letting Call: 230707 009**Letting Date:** July 7, 2023**Contract ID:** 29041-202027

Description: One-course hot mix asphalt overlay, curb and gutter reconstruction, placement of shoulder gravel around the carpool lot, signing and pavement markings on M-46 at US-127 Business Route in the southwest quadrant, Gratiot County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202027A	23A0623	N/A	ST 29041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$10,500.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	155.000	Ft
0015	Excavation, Earth	2050016	5.000	Cyd
0020	_ Shoulder, CI II, Modified	3077031	8.000	Ton
0025	Pavt, Cleaning	5010001	1.000	LSUM
0030	Pavt for Butt Joints, Rem	5010008	125.000	Syd
0035	Hand Patching	5010025	2.000	Ton
0040	HMA Approach	5010061	12.000	Ton
0045	HMA, 5EL	5012036	355.000	Ton
0050	Conc Base Cse, Nonreinf, 6 inch	6020015	25.000	Syd
0055	Curb and Gutter, Conc, Det F4	8020038	75.000	Ft
0060	Driveway Opening, Conc, Det M	8020050	70.000	Ft
0065	Post, Steel, 3 pound	8100371	52.000	Ft
0070	Sign, Type IIIA	8100404	7.000	Sft
0075	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	4.000	Ea
0080	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	126.000	Ft
0085	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	2,115.000	Ft
0090	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0095	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0105	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0115	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0120	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0125	Sign, Type B, Temp, Prismatic, Furn	8120350	224.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	224.000	Sft

0135	Slope Restoration, Non-Freeway, Type A	8162001	45.000	Syd
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5/31/2023 3:23 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 010**Letting Date:** July 7, 2023**Contract ID:** 65032-201118

Description: 1.42 mi of hot mix asphalt reconstruction including lane conversions from 4 to 3 and 5 to 3 lanes, concrete curb and gutter, sidewalk ramps, water main, sanitary and storm sewer, install a shared-use path, signing traffic signals and pavement markings on M-55 from west of M-30 to east of Fairview Street in the city of West Branch, Ogemaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201118A	23A0622	N/A	ST 65032
211398A	23A0625	N/A	STG 65032
214318A	N/A	N/A	M 65000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Lake State Railway	1027060	28,000.000	Dlr
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0015	Dispute Review Board, Progress Meeting	1040050	28,000.000	Dlr
0020	Mobilization, Max \$1,208,200.00	1100001	1.000	LSUM
0025	Clearing	2010001	0.360	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	30.000	Ea
0035	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0045	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0050	Dr Structure, Rem	2030011	114.000	Ea
0055	Sewer, Rem, Less than 24 inch	2030015	6,086.000	Ft
0060	_ Monitoring Well, Adjust	2037050	9.000	Ea
0065	Curb and Gutter, Rem	2040020	11,747.000	Ft
0070	Curb, Rem	2040021	115.000	Ft
0075	Fence, Rem	2040025	13.000	Ft
0080	Guardrail, Rem	2040035	246.000	Ft
0085	Masonry and Conc Structure, Rem	2040045	1,216.000	Cyd
0090	Pavt, Rem	2040050	29,526.000	Syd
0095	Sidewalk, Rem	2040055	6,284.000	Syd
0100	Track, Rem	2040065	35.000	Ft
0105	Exploratory Investigation, Vertical	2040080	530.000	Ft
0110	Ditch Cleanout	2050006	7.000	Sta
0115	Embankment, CIP	2050010	2,677.000	Cyd
0120	Excavation, Earth	2050016	23,003.000	Cyd

0125	Non Haz Contaminated Material Handling and Disposal, LM	2050031	275.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0135	Subgrade Undercutting, Type IV	2050043	500.000	Cyd
0140	Flowable Fill, Non-Structural	2050148	33.000	Cyd
0145	Erosion Control, Check Dam, Stone	2080012	42.000	Ft
0150	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0155	Erosion Control, Inlet Protection, Fabric Drop	2080020	130.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	12.000	Ea
0165	Erosion Control, Maintenance, Sediment Rem	2080026	12.000	Cyd
0170	Erosion Control, Sediment Trap	2080034	3.000	Ea
0175	Erosion Control, Silt Fence	2080036	1,156.000	Ft
0180	Subbase, CIP	3010002	22,385.000	Cyd
0185	Aggregate Base	3020001	1,157.000	Ton
0190	Aggregate Base, 6 inch	3020016	34,807.000	Syd
0195	Open-Graded Dr Cse, 6 inch	3030006	272.000	Syd
0200	Driveway Maintenance, Commercial	3062000	30.000	Ea
0205	Driveway Maintenance, Residential	3062001	20.000	Ea
0210	Intersection Maintenance	3062002	14.000	Ea
0215	Approach, CI I	3070001	4,140.000	Ton
0220	Approach, CI II	3070021	267.000	Ton
0225	Shld, CI II	3070121	31.000	Ton
0230	Culv End Sect, 18 inch	4010018	1.000	Ea
0235	Culv End Sect, 24 inch	4010024	2.000	Ea
0240	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0245	Culv End Sect, Footing	4010072	2.000	Ea
0250	Culv, CI E, 24 inch	4010542	54.000	Ft
0255	Dr Marker Post	4011109	5.000	Ea
0260	Outfall Label	4011115	5.000	Ea
0265	Steel Casing Pipe, 20 inch, Jacked in Place	4011123	140.000	Ft
0270	Sewer, CI A, 12 inch, Tr Det A	4020004	56.000	Ft
0275	Sewer, CI A, 12 inch, Tr Det B	4020033	5,131.000	Ft
0280	Sewer, CI A, 15 inch, Tr Det B	4020034	10.000	Ft
0285	Sewer, CI A, 18 inch, Tr Det B	4020035	1,088.000	Ft
0290	Sewer, CI A, 24 inch, Tr Det B	4020036	652.000	Ft
0295	Sewer, CI E, 12 inch, Tr Det B	4020600	499.000	Ft
0300	Sewer, CI E, 15 inch, Tr Det B	4020601	81.000	Ft
0305	Sewer, CI E, 24 inch, Tr Det B	4020603	419.000	Ft
0310	Sewer Tap, 6 inch	4021201	3.000	Ea
0315	Sewer Tap, 8 inch	4021202	3.000	Ea
0320	Sewer Tap, 10 inch	4021203	3.000	Ea
0325	Sewer Tap, 12 inch	4021204	5.000	Ea
0330	Sewer Tap, 15 inch	4021205	2.000	Ea
0335	Sewer Tap, 18 inch	4021206	1.000	Ea
0340	Sewer Tap, 24 inch	4021207	1.000	Ea

0345	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0350	Trench Undercut and Backfill	4021260	100.000	Cyd
0355	Video Taping Sewer and Culv Pipe	4021275	7,365.000	Ft
0360	Dr Structure Cover, Adj, Case 1	4030005	18.000	Ea
0365	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0370	Dr Structure Cover, Type B	4030010	29.000	Ea
0375	Dr Structure Cover, Type D	4030025	7.000	Ea
0380	Dr Structure Cover, Type E	4030035	3.000	Ea
0385	Dr Structure Cover, Type G	4030040	3.000	Ea
0390	Dr Structure Cover, Type J	4030045	7.000	Ea
0395	Dr Structure Cover, Type K	4030050	121.000	Ea
0400	Dr Structure, 24 inch dia	4030200	9.000	Ea
0405	Dr Structure, 48 inch dia	4030210	101.000	Ea
0410	Dr Structure, 60 inch dia	4030220	6.000	Ea
0415	Dr Structure, 72 inch dia	4030230	1.000	Ea
0420	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	56.000	Ft
0425	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	4.000	Ft
0430	Dr Structure, Tap, 4 inch	4030304	4.000	Ea
0435	Dr Structure, Tap, 6 inch	4030306	14.000	Ea
0440	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0445	Dr Structure, Tap, 18 inch	4030318	3.000	Ea
0450	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0455	Underdrain, Pipe, Open-Graded, 4 inch	4040041	323.000	Ft
0460	Underdrain, Subbase, 6 inch	4040063	10,844.000	Ft
0465	Underdrain, Subgrade, 6 inch	4040073	600.000	Ft
0470	Underdrain Outlet, 4 inch	4040091	5.000	Ft
0475	Underdrain Outlet, 6 inch	4040093	435.000	Ft
0480	Video Inspection of Underdrain	4040200	11,184.000	Ft
0485	Bump Grinding	5010004	300.000	Syd
0490	HMA Surface, Rem	5010005	43,723.000	Syd
0495	HMA Quality Initiative	5010007	36,750.000	Dlr
0500	Longit Joint Density Quality Initiative	5010018	59,715.000	Dlr
0505	Hand Patching	5010025	870.000	Ton
0510	HMA Approach	5010061	621.000	Ton
0515	Micro Texture Pavt Milling	5010101	16,081.000	Syd
0520	HMA Approach, High Stress	5010520	2,605.000	Ton
0525	HMA, 3EML	5012013	5,567.000	Ton
0530	HMA, 5EML	5012037	1,384.000	Ton
0535	HMA, 4EML, High Stress	5012073	7,421.000	Ton
0540	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	45.000	Syd
0545	Cement	6030005	25.000	Ton
0550	Lane Tie, Epoxy Anchored	6030030	354.000	Ea
0555	Reinforcement, Steel, Culv and Headwall	7060091	235.000	Lb

0560	Conc, Grade 3500	7062001	6.000	Cyd
0565	_ Modular Block Wall	8007010	939.000	Sft
0570	_ Vibration Monitoring	8007051	1.000	LSUM
0575	Driveway, Nonreinf Conc, 6 inch	8010005	351.000	Syd
0580	Driveway, Nonreinf Conc, 8 inch	8010007	1,871.000	Syd
0585	Curb, Conc, Det E2	8020002	129.000	Ft
0590	Curb and Gutter, Conc, Det B2	8020016	1,879.000	Ft
0595	Curb and Gutter, Conc, Det C4	8020023	259.000	Ft
0600	Curb and Gutter, Conc, Det F2	8020036	63.000	Ft
0605	Curb and Gutter, Conc, Det F4	8020038	10,847.000	Ft
0610	Driveway Opening, Conc, Det M	8020050	2,129.000	Ft
0615	_ Curb, Conc, Det E4, Modified	8027001	163.000	Ft
0620	_ Planter Curb	8027001	976.000	Ft
0625	_ Valley Gutter, Conc, Modified	8027001	163.000	Ft
0630	Detectable Warning Surface	8030010	271.000	Ft
0635	Curb Ramp Opening, Conc	8030030	2,118.000	Ft
0640	Sidewalk, Conc, 4 inch	8030044	55,888.000	Sft
0645	Sidewalk, Conc, 6 inch	8030046	5,236.000	Sft
0650	Sidewalk, Conc, 8 inch	8030048	10,547.000	Sft
0655	Sidewalk, Clay Brick Pavers, Rem	8030051	15,494.000	Sft
0660	Curb Ramp, Conc, 6 inch	8032002	12,119.000	Sft
0665	_ Detectable Warning Surface, Metal	8037001	540.000	Ft
0670	_ Sidewalk, Conc, 4 inch, Spec	8037010	1,858.000	Sft
0675	Shared use Path, HMA	8060040	103.000	Ton
0680	Post, Mailbox	8070095	22.000	Ea
0685	_ Fence, Structure, Handrail	8087001	282.000	Ft
0690	Fdn, Wood Support, Rem	8100280	26.000	Ea
0695	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
0700	Perforated Steel Square Tube Breakaway System	8100330	18.000	Ea
0705	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	4.000	Ea
0710	Post, Steel, 3 pound	8100371	1,671.000	Ft
0715	Post, Wood, 4 inch by 6 inch	8100380	251.000	Ft
0720	Post, Wood, 6 inch by 8 inch	8100382	93.000	Ft
0725	Sign, Type II, Rem	8100397	13.000	Ea
0730	Sign, Type IIA	8100398	87.000	Sft
0735	Sign, Type IIB	8100399	15.000	Sft
0740	Sign, Type III, Erect, Salv	8100402	50.000	Ea
0745	Sign, Type III, Rem	8100403	110.000	Ea
0750	Sign, Type IIIA	8100404	276.000	Sft
0755	Sign, Type IIIB	8100405	371.000	Sft
0760	Sign, Type V, Rem	8100421	3.000	Ea
0765	Sign, Type VA	8100424	24.000	Sft
0770	Sign, Type VB	8100425	32.000	Sft
0775	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea

0780	Bracket, H	8100650	5.000	Ea
0785	Sign, Type III, Rem, Salv	8102003	49.000	Ea
0790	Ground Mtd Sign Support, Rem	8102010	86.000	Ea
0795	_ Post, Wood, 4 inch by 4 inch	8107050	5.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0805	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0810	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0815	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0820	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0825	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0830	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,579.000	Ft
0835	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	176.000	Ft
0840	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	658.000	Ft
0845	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	674.000	Ft
0850	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	1.000	Ea
0855	Pavt Mrkg, Waterborne, 6 inch, White	8110233	18,103.000	Ft
0860	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	20,351.000	Ft
0865	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	17,523.000	Ft
0870	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	20,221.000	Ft
0875	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	37.000	Ft
0880	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Yellow	8110295	260.000	Ft
0885	Rem Spec Mrkg	8110343	505.000	Sft
0890	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0895	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
0900	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0905	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	400.000	Ft
0910	Recessing Pavt Mrkg, Longit	8110450	23,341.000	Ft
0915	Recessing Pavt Mrkg, Transv	8110451	3,321.000	Sft
0920	_ Pavt Mrkg, Polyurea, 12 inch, Yellow	8117001	12.000	Ft
0925	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	75.000	Ea
0930	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	75.000	Ea
0935	Pedestrian Type II Barricade, Temp	8120026	104.000	Ea
0940	Pedestrian Type II Channelizer, Temp	8120027	52.000	Ft
0945	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	360.000	Ea
0950	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	360.000	Ea
0955	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
0960	Lighted Arrow, Type C, Oper	8120141	12.000	Ea
0965	Minor Traf Devices	8120170	1.000	LSUM
0970	Pavt Mrkg Cover, Type R, Black	8120200	1,800.000	Ft
0975	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,260.000	Ft
0980	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	1.000	Ea

0985	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	1.000	Ea
0990	Pavt Mrkg, Type NR, Paint, Thru Arrow	8120219	1.000	Ea
0995	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
1000	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
1005	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	1.000	Ea
1010	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	4.000	Ea
1015	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	88.000	Ft
1020	PTS System, Temp, Furn	8120270	1.000	Ea
1025	PTS System, Temp, Oper	8120271	1.000	Ea
1030	Sign Cover	8120310	30.000	Ea
1035	Sign Cover, Type I	8120320	4.000	Ea
1040	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
1045	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
1050	Sign, Type A, Temp, Prismatic, Furn	8120340	250.000	Sft
1055	Sign, Type A, Temp, Prismatic, Oper	8120341	250.000	Sft
1060	Sign, Type B, Temp, Prismatic, Furn	8120350	6,757.000	Sft
1065	Sign, Type B, Temp, Prismatic, Oper	8120351	6,757.000	Sft
1070	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	700.000	Sft
1075	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	700.000	Sft
1080	Traf Regulator Control	8120370	1.000	LSUM
1085	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	7,075.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	7,587.000	Ft
1095	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	50.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	250.000	Ft
1105	Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8122111	4.000	Ea
1110	_ Automated Flagger Assistance Device	8127050	2.000	Ea
1115	Riprap, Plain	8130010	14.000	Syd
1120	Site Preparation, Max \$7,900.00	8150001	1.000	LSUM
1125	Pyrus calleryana 'Cleveland Select', 2 inch	8153015	50.000	Ea
1130	Slope Restoration, Non-Freeway, Type A	8162001	602.000	Syd
1135	_ Turf Establishment, Performance, Spec	8167011	13,930.000	Syd
1140	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	150.000	Ft
1145	Conduit, Directional Bore, 2, 3 inch	8182037	135.000	Ft
1150	Conduit, DB, 1, 1/2 inch	8182046	560.000	Ft
1155	Conduit, DB, 1, 1 1/2 inch	8182048	270.000	Ft
1160	Conduit, DB, 3, 3 inch	8182056	90.000	Ft
1165	Conduit, DB, 4, 3 inch	8182059	25.000	Ft
1170	Conduit, DB, 1, 1 inch	8182060	45.000	Ft
1175	Conduit, Schedule 80, 2 inch	8182146	73.000	Ft

1180	Cable, Rem	8182196	480.000	Ft
1185	Cable Pole, Intercn, Disman	8182205	3.000	Ea
1190	Cable, Sec, 600V, 1, 3/C#6	8182238	270.000	Ft
1195	Hh, Polymer Conc	8182309	12.000	Ea
1200	Hh, Round	8182310	11.000	Ea
1205	Hh, Round, 3 foot dia	8182319	2.000	Ea
1210	Hh, Adj	8182328	7.000	Ea
1215	Hh, Rem	8182330	15.000	Ea
1220	Wood Pole, Cl 4, 30 foot	8182349	1.000	Ea
1225	Wood Pole, Rem	8182363	1.000	Ea
1230	Serv Disconnect	8182366	3.000	Ea
1235	Serv Disconnect, Rem	8182367	2.000	Ea
1240	_ Conduit, DB, 2, 1 1/4 inch	8187001	51.000	Ft
1245	_ Conduit, DB, 3, 1 1/4 inch	8187001	30.000	Ft
1250	_ Conduit, DB, 4, 1 1/4 inch	8187001	42.000	Ft
1255	_ Conduit, Directional Bore, 2, 2 inch	8187001	81.000	Ft
1260	_ Conduit, Schedule 80, 1 1/4 inch	8187001	12,326.000	Ft
1265	Light Std Fdn, Rem	8190280	88.000	Ea
1270	Light Std Shaft, Rem and Salv	8190306	87.000	Ea
1275	_ Light Std Fdn, Precast, Type 1	8197050	113.000	Ea
1280	_ Light Std Fdn, Precast, Type 2	8197050	4.000	Ea
1285	_ Light Std Fdn, Spec	8197050	1.000	Ea
1290	Case Sign, Rem	8200020	4.000	Ea
1295	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	6.000	Ea
1300	Controller and Cabinet, Rem	8200030	3.000	Ea
1305	Controller Fdn, Base Mtd	8200045	2.000	Ea
1310	Fdn, Rem	8200065	3.000	Ea
1315	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
1320	Pedestal, Alum	8200100	7.000	Ea
1325	Pedestal, Fdn	8200105	7.000	Ea
1330	Pedestal Fdn, Rem	8200106	3.000	Ea
1335	Pedestal, Rem	8200110	3.000	Ea
1340	Pushbutton	8200120	2.000	Ea
1345	Pushbutton and Sign	8200121	6.000	Ea
1350	Pushbutton, Rem	8200122	6.000	Ea
1355	Span Wire	8200140	7.000	Ea
1360	Span Wire, Rem	8200141	2.000	Ea
1365	Span Wire Tether	8200142	7.000	Ea
1370	Steel Pole, Rem	8200145	3.000	Ea
1375	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1380	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
1385	TS, Span Wire Mtd, Rem	8200182	7.000	Ea
1390	Cabinet, NEMA Type	8200186	2.000	Ea
1395	TS, One Way Bracket Arm Mtd	8200220	2.000	Ea
1400	TS, One Way Pedestal Mtd	8200230	2.000	Ea

1405	Warning Sign	8200260	2.000	Ea
1410	Warning Sign, Rem	8200261	2.000	Ea
1415	TS, One Way Span Wire Mtd (LED)	8200313	14.000	Ea
1420	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
1425	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
1430	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1435	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
1440	Bracket, Truss, with 18 foot Arm	8200378	3.000	Ea
1445	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
1450	Wireless Vehicle Sensor Node, Rem	8200426	12.000	Ea
1455	Hemispherical Video Detection Camera	8200444	3.000	Ea
1460	Hemispherical Video Detection System	8200445	3.000	Ea
1465	TS Head, Adj	8200452	4.000	Ea
1470	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1475	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
1480	Strain Pole Fdn, 6 Bolt	8200470	101.000	Ft
1485	Casing	8200480	29.000	Ft
1490	Backplate, TS	8200501	16.000	Ea
1495	Monument Box	8210001	2.000	Ea
1500	Monument Preservation	8210010	2.000	Ea
1505	Protect Corners	8210020	12.000	Ea
1510	Fire Hydrant	8230040	15.000	Ea
1515	Gate Valve and Box, 6 inch	8230051	15.000	Ea
1520	Gate Valve and Box, 8 inch	8230052	17.000	Ea
1525	Gate Valve and Box, 12 inch	8230054	27.000	Ea
1530	Gate Well, Abandon	8230075	17.000	Ea
1535	Hydrant, Rem	8230091	10.000	Ea
1540	Water Main, 4 inch, Cut and Plug	8230130	2.000	Ea
1545	Water Main, 6 inch, Cut and Plug	8230131	14.000	Ea
1550	Water Main, 8 inch, Cut and Plug	8230132	7.000	Ea
1555	Water Main, 10 inch, Cut and Plug	8230133	1.000	Ea
1560	Water Main, 12 inch, Cut and Plug	8230134	1.000	Ea
1565	Water Main, DI, 6 inch, Tr Det G	8230151	277.000	Ft
1570	Water Main, DI, 8 inch, Tr Det G	8230156	1,288.000	Ft
1575	Water Main, DI, 12 inch, Tr Det G	8230166	4,759.000	Ft
1580	Water Serv	8230240	24.000	Ea
1585	Water Serv, Long	8230245	46.000	Ea
1590	Water Serv, Conflict	8230250	8.000	Ea
1595	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
1600	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
1605	Gate Box, Adj, Case 1	8230431	11.000	Ea
1610	Gate Box, Adj, Case 2	8230432	1.000	Ea
1615	Polyethylene Encasement	8230440	6,464.000	Ft

1620	Water Main, DI, 12 inch	8232008	140.000	Ft
1625	Water Main Conflict, 6 inch	8232023	10.000	Ea
1630	Water Main Conflict, 8 inch	8232024	6.000	Ea
1635	Water Main Conflict, 10 inch	8232025	4.000	Ea
1640	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	400.000	Ft
1645	Sanitary Sewer, Conc, 8 inch, Tr Det B1	8252061	320.000	Ft
1650	Sanitary Structure, 48 inch dia	8252072	2.000	Ea
1655	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	2.000	Ft
1660	Sanitary Structure Cover, Type Q	8252098	23.000	Ea
1665	Sanitary Structure, Rem	8252105	1.000	Ea
1670	Sanitary Structure, Adj, Add Depth	8252140	1.000	Ft
1675	Sanitary Structure Cover, Adj, Case 1	8252145	19.000	Ea
1680	Sanitary Structure Cover, Adj, Case 2	8252146	2.000	Ea
1685	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1690	Lightning Protection, Pole	8260021	2.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 011**Letting Date:** July 7, 2023**Contract ID:** 81105-211616

Description: 3.50 mi of full depth concrete pavement repairs and high friction surface treatment on M-14 from I-94 to US-23BR (North Main Street) in the city of Ann Arbor, Washtenaw County. This project includes a 5 year high friction thin epoxy performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211616A	N/A	N/A	M 81105

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$340,300.00	1100001	1.000	LSUM
0010	High Friction Surface Treatment	5060800	26,107.000	Syd
0015	Joint, Contraction, Cp	6020200	910.000	Ft
0020	Cement	6030005	198.000	Ton
0025	Joint, Contraction, Crg	6030020	47,120.000	Ft
0030	Joint, Expansion, Erg	6030021	988.000	Ft
0035	Lane Tie, Epoxy Anchored	6030030	4,865.000	Ea
0040	Non-Chloride Accelerator	6030035	8,421.000	Gal
0045	Pavt Repr, Nonreinf Conc, 12 inch	6030052	12,632.000	Syd
0050	Pavt Repr, Rem	6030080	12,632.000	Syd
0055	Saw Cut, Intermediate	6030090	2,912.000	Ft
0060	Epoxy Ovly, Rem	7120021	1,072.000	Syd
0065	_ High Friction, Epoxy Ovly, Warranty	7127011	1,072.000	Syd
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	11,614.000	Ft
0075	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	9,291.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	260.000	Ft
0085	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0105	Lighted Arrow, Type C, Oper	8120141	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	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	20,905.000	Ft
0130	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	260.000	Ft

0135	Plastic Drum, Fluorescent, Furn	8120252	1,150.000	Ea
0140	Plastic Drum, Fluorescent, Oper	8120253	1,150.000	Ea
0145	Sign Cover	8120310	10.000	Ea
0150	Sign Cover, Type I	8120320	1.000	Ea
0155	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	1,453.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	1,453.000	Sft
0175	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0185	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	750.000	Ft
0190	Speed Radar Trailer, Temp	8122028	2.000	Ea
0195	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,296.000	Ft
0200	_ Traf Speed Sensor, Portable, Temp	8127050	3.000	Ea
0205	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0210	Contractor Staking	8240001	1.000	LSUM
0215	Staking Plan Errors and Extras, Max \$180/hour	8240002	33.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230707 012**Letting Date:** July 7, 2023**Contract ID:** 82024-200963

Description: 0.12 mi of landscaping work for Second Avenue over I-94 in the city of Detroit, Wayne County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200963A	23A0626	N/A	ST 82024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$38,600.00	1100001	1.000	LSUM
0010	Embankment, CIP	2050010	400.000	Cyd
0015	Excavation, Earth	2050016	400.000	Cyd
0020	Project Cleanup	2090001	1.000	LSUM
0025	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0035	Pedestrian Type II Barricade, Temp	8120026	3.000	Ea
0040	Minor Traf Devices	8120170	1.000	LSUM
0045	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0050	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0055	Sign Cover	8120310	10.000	Ea
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	430.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	430.000	Sft
0070	Site Preparation, Max \$52,500.00	8150001	1.000	LSUM
0075	Watering and Cultivating, First Season, Min \$51,000.00	8150002	1.000	LSUM
0080	Watering and Cultivating, 2nd Season, Min \$63,000.00	8150003	1.000	LSUM
0085	Juniperus squamata 'Blue Star', #3 cont.	8152015	113.000	Ea
0090	Liriope spicata, #1 cont.	8152202	716.000	Ea
0095	Perovskia atriplicifolia 'Little Spire', #1 cont.	8152669	96.000	Ea
0100	Rhus aromatica 'Gro-Low', #3 cont.	8153167	82.000	Ea
0105	Sedum 'Autumn Joy', #1 cont.	8153421	271.000	Ea
0110	Syringa reticulata 'Ivory Silk', 1 1/2 inch	8153716	8.000	Ea
0115	_ Hemerocallis x 'Stella de Oro', #1 cont.	8157050	691.000	Ea
0120	_ Juniperus virginiana, 8 foot	8157050	2.000	Ea
0125	_ Nepeta racemosa 'Walkers Low', #1 cont.	8157050	138.000	Ea

0130	_ Picea pungens 'Globosa', #3 cont.	8157050	18.000	Ea
0135	_ Rudbeckia fulgida 'Goldsturm', #1 cont.	8157050	139.000	Ea
0140	_ Sedum acre 'Aureum', #1 cont.	8157050	2,605.000	Ea
0145	_ Spiraea x bumalda 'Goldmound', #3 cont.	8157050	91.000	Ea
0150	_ Ulmus x 'Frontier', 1 1/2 inch	8157050	16.000	Ea
0155	Contractor Staking	8240001	1.000	LSUM
0160	Staking Plan Errors and Extras, Max \$180/hour	8240002	7.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230707 013**Letting Date:** July 7, 2023**Contract ID:** 09000-213784

Description: 2.03 mi of hot mix asphalt cold milling and resurfacing, centerline and shoulder corrugations and pavement markings on Cody Estey Road from M-13 to Shore Drive and Shore Drive from Cody-Estey Road to Mount Forest Road, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213784A	23A0570	N/A	HRRR 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Lake State Railway Company	1027060	5,000.000	Dlr
0010	Mobilization, Max \$90,200.00	1100001	1.000	LSUM
0015	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0020	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0030	Erosion Control, Silt Fence	2080036	500.000	Ft
0035	_ Aggregate Base, 8 inch, Modified	3027011	2,855.000	Syd
0040	Maintenance Gravel	3060020	100.000	Ton
0045	_ Trenching, Modified	3077002	81.000	Sta
0050	_ Approach, CI I, 6 inch, Modified	3077011	124.000	Syd
0055	_ Approach, CI II, 6 inch, Modified	3077011	400.000	Syd
0060	_ Shld, CI II, Modified	3077031	1,107.000	Ton
0065	_ Sump Pump Lead and Drain Tile Connection	4027001	100.000	Ft
0070	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0075	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0085	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0090	Underdrain Outlet, 6 inch	4040093	25.000	Ft
0095	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0100	Cold Milling HMA Surface	5010002	28,821.000	Syd
0105	Edge Trimming	5010009	8,044.000	Ft
0110	HMA Approach	5010061	155.000	Ton
0115	HMA, 4EL	5012024	471.000	Ton
0120	HMA, 5EL	5012036	3,720.000	Ton
0125	High Friction Surface Treatment	5060800	719.000	Syd
0130	Post, Mailbox	8070095	30.000	Ea

0135	Post, Steel, 3 pound	8100371	1,464.000	Ft
0140	Sign, Type IIA	8100398	19.000	Sft
0145	Sign, Type IIB	8100399	12.000	Sft
0150	Sign, Type III, Rem	8100403	57.000	Ea
0155	Sign, Type IIIA	8100404	41.000	Sft
0160	Sign, Type IIIB	8100405	370.000	Sft
0165	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	54.000	Ea
0175	Ground Mtd Sign Support, Rem	8102010	52.000	Ea
0180	_ Sign, Type IIA, Modified	8107010	17.000	Sft
0185	_ Installing LED Enhanced Sign, Solar	8107050	6.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	88.000	Ft
0195	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	3.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,765.000	Ft
0205	Pavt Mrkg, Waterborne, 6 inch, White	8110233	13,259.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,765.000	Ft
0215	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	13,259.000	Ft
0220	Recessing Pavt Mrkg, Longit	8110450	13,518.000	Ft
0225	Pavt Mrkg, Wet Reflective Modified Epoxy, 6 inch, White	8112100	7,832.000	Ft
0230	Pavt Mrkg, Wet Reflective Modified Epoxy, 4 inch, Yellow	8112102	5,686.000	Ft
0235	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0245	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,268.000	Ft
0255	Plastic Drum, Fluorescent, Furn	8120252	275.000	Ea
0260	Plastic Drum, Fluorescent, Oper	8120253	275.000	Ea
0265	Sign Cover	8120310	20.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	616.000	Sft
0275	Sign, Type B, Temp, Prismatic, Oper	8120351	616.000	Sft
0280	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	8.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	8.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0295	Riprap, Plain	8130010	10.000	Syd
0300	_ Slope Restoration, Type A, Modified	8167011	1,800.000	Syd
0305	_ Slope Restoration, Type B, Modified	8167011	7,100.000	Syd
0310	_ Slope Restoration, Type C, Modified	8167011	1,300.000	Syd
0315	Monument Box	8210001	2.000	Ea
0320	Monument Preservation	8210010	2.000	Ea
0325	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	8,044.000	Ft
0330	_ Sinusoidal Corrugations, Non-Freeway, Milled, HMA Centerline	8227001	4,022.000	Ft
0335	Gate Box, Adj, Case 1	8230431	2.000	Ea
0340	Gate Box, Adj, Case 2	8230432	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 014**Letting Date:** July 7, 2023**Contract ID:** 25000-212903

Description: 0.45 mi of concrete roadway reconstruction, including concrete pavement repairs, sidewalk ramps, guardrail and pavement markings on Irish Road from Lapeer Road to Court Street, Genesee County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212903A	23A0560	N/A	ST 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$185,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	700.000	Ft
0015	Guardrail, Rem	2040035	2,090.000	Ft
0020	_ Pavt, Rem, Modified	2047011	14,950.000	Syd
0025	Embankment, CIP	2050010	1,200.000	Cyd
0030	Excavation, Earth	2050016	7,000.000	Cyd
0035	_ Subgrade Undercutting, Type II, Modified	2057021	500.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	44.000	Ea
0045	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0050	Subbase, CIP	3010002	4,440.000	Cyd
0055	_ Aggregate Base, 6 inch, Modified	3027011	13,060.000	Syd
0060	_ Maintenance Gravel, Modified	3067031	200.000	Ton
0065	Dr Structure Cover, Adj, Case 1	4030005	35.000	Ea
0070	Dr Structure Cover, Type D	4030025	1.000	Ea
0075	Dr Structure Cover, Type K	4030050	1.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	100.000	Ft
0085	Conc Pavt, Nonreinf, 10 inch	6020108	13,060.000	Syd
0090	Joint, Contraction, Cp	6020200	6,970.000	Ft
0095	Joint, Expansion, E2	6020207	1,180.000	Ft
0100	Lane Tie, Epoxy Anchored	6030030	5,080.000	Ea
0105	Pavt Repr, Nonreinf Conc, 10 inch	6030048	750.000	Syd
0110	Curb and Gutter, Conc, Det B2	8020016	2,600.000	Ft
0115	Detectable Warning Surface	8030010	70.000	Ft
0120	Curb Ramp Opening, Conc	8030030	70.000	Ft
0125	Curb Ramp, Conc, 6 inch	8032002	840.000	Sft
0130	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0135	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea

0140	Post, Mailbox	8070095	1.000	Ea
0145	Guardrail, Type MGS-8, 72 inch Post	8072179	1,955.000	Ft
0150	Post, Steel, 3 pound	8100371	401.000	Ft
0155	Sign, Type III, Rem	8100403	13.000	Ea
0160	Sign, Type IIIB	8100405	135.000	Sft
0165	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	124.000	Ft
0170	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0175	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,010.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,190.000	Ft
0185	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	6,010.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,190.000	Ft
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0205	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0215	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0225	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,400.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,000.000	Ft
0245	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,000.000	Ft
0250	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0260	Sign Cover	8120310	10.000	Ea
0265	Sign Cover, Type I	8120320	5.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0275	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0280	Sign, Type A, Temp, Prismatic, Furn	8120340	211.000	Sft
0285	Sign, Type A, Temp, Prismatic, Oper	8120341	211.000	Sft
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	978.000	Sft
0295	Sign, Type B, Temp, Prismatic, Oper	8120351	978.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	492.000	Sft
0305	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	492.000	Sft
0310	_ Turf Establishment, Performance	8167011	3,480.000	Syd
0315	Monument Preservation	8210010	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 015**Letting Date:** July 7, 2023**Contract ID:** 82000-215648

Description: 0.58 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on Biddle Avenue from Pennsylvania Road northeasterly to Grove Street in the city of Wyandotte, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215648A	23A0582	N/A	ST 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$134,100.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	88.000	Syd
0015	Sidewalk, Rem	2040055	171.000	Syd
0020	_ Pavt Repr, Remove, Patching	2047011	4,800.000	Syd
0025	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0040	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0045	Project Cleanup	2090001	1.000	LSUM
0050	Dr Structure Lead, Cleaning, 12 inch	4030112	50.000	Ft
0055	Dr Structure Lead, Cleaning, 36 inch	4030136	50.000	Ft
0060	Dr Structure, Cleaning	4030290	46.000	Ea
0065	Dr Structure, Temp Lowering	4030390	27.000	Ea
0070	_ Dr Structure Reconstruct	4037001	35.000	Ft
0075	_ Dr Structure Cover, Adj	4037050	44.000	Ea
0080	Cold Milling HMA Surface	5010002	18,808.000	Syd
0085	_ Bit Mixture for Patching, Temp	5017031	20.000	Ton
0090	_ Conditioning Existing Pavement	5017031	343.000	Ton
0095	_ Misc HMA Approach	5017031	3.000	Ton
0100	_ Misc HMA, 4EMH	5017031	2,070.000	Ton
0105	_ Misc HMA, 5EMH	5017031	1,552.000	Ton
0110	_ Misc HMA, Wedge	5017031	20.000	Ton
0115	_ Cold Weather Protection, Conc Pavt	6027011	410.000	Syd
0120	Lane Tie, Epoxy Anchored	6030030	400.000	Ea
0125	_ Pavt Repr, Nonreinf Conc, Patching	6037011	4,800.000	Syd
0130	Curb and Gutter, Conc, Det F6	8020040	147.000	Ft
0135	_ Conc Curb Cap	8027001	699.000	Ft

0140	_ Conc Curb Cap, Patching	8027001	278.000	Ft
0145	Detectable Warning Surface	8030010	45.000	Ft
0150	Curb Ramp Opening, Conc	8030030	80.000	Ft
0155	Sidewalk, Conc, 4 inch	8030044	1,066.000	Sft
0160	Curb Ramp, Conc, 6 inch	8032002	358.000	Sft
0165	_ Field Office	8097043	4.000	Mo
0170	_ Sign, Type B, Perm	8107010	415.000	Sft
0175	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	43.000	Ft
0180	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0185	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,862.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	918.000	Ft
0195	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, White	8110212	130.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0210	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0215	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0225	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	550.000	Ft
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	50.000	Ft
0240	Plastic Drum, Fluorescent, Furn	8120252	215.000	Ea
0245	Plastic Drum, Fluorescent, Oper	8120253	215.000	Ea
0250	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	550.000	Ft
0255	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	50.000	Ft
0260	Sign Cover	8120310	6.000	Ea
0265	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0270	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	781.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	781.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0295	Traf Regulator Control	8120370	1.000	LSUM
0300	Topsoil Surface, Furn, 4 inch	8160062	522.000	Syd
0305	Water, Sodding/Seeding	8160090	52.000	Unit
0310	_ Seeding, Mixture THM, Modified	8167011	522.000	Syd
0315	Hh, Adj	8182328	1.000	Ea
0320	Monument Box Adj	8210005	1.000	Ea
0325	Monument Preservation	8210010	1.000	Ea
0330	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr
0335	_ 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: 230707 016**Letting Date:** July 7, 2023**Contract ID:** 63000-215162

Description: 1.01 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter repairs, guardrail, signing and pavement markings on John R Road from 14 Mile Road to Maple Road, Oakland County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215162A	23A0569	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$261,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	356.000	Ft
0015	Masonry and Conc Structure, Rem	2040045	35.000	Cyd
0020	Pavt, Rem	2040050	3,456.000	Syd
0025	Sidewalk, Rem	2040055	61.000	Syd
0030	Utility Pole, Rem	2040070	1.000	Ea
0035	_ Exploratory Investigation, Utility, Vertical, RCOC	2047001	40.000	Ft
0040	_ Exploratory Investigation, Utility, RCOC	2047021	25.000	Cyd
0045	Excavation, Earth	2050016	254.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0055	_ Excavation, Earth, RCOC	2057011	2,441.000	Syd
0060	_ Subgrade Undercutting, 21AA	2057021	300.000	Cyd
0065	Erosion Control, Turbidity Curtain, Shallow	2080044	60.000	Ft
0070	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	71.000	Ea
0075	Aggregate Base, Conditioning	3020050	440.000	Syd
0080	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	98.000	Syd
0085	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	2,800.000	Syd
0090	Maintenance Gravel	3060020	200.000	Ton
0095	Driveway Maintenance, Commercial	3062000	6.000	Ea
0100	Intersection Maintenance	3062002	3.000	Ea
0105	_ Geotextile, Stabilization, Non-Woven, RCOC	3087011	500.000	Syd
0110	_ Road Grade Biaxial Geogrid, RCOC	3087011	500.000	Syd
0115	Culv End Sect, Footing	4010072	1.000	Ea
0120	_ Culv, Adj	4017050	1.000	Ea
0125	Dr Structure Cover, Adj, Case 1	4030005	62.000	Ea
0130	Dr Structure Cover, Type B	4030010	2.000	Ea
0135	Dr Structure Cover, Type J	4030045	5.000	Ea

0140	Dr Structure Cover, Type K	4030050	10.000	Ea
0145	Dr Structure, Adj, Add Depth	4030280	213.000	Ft
0150	Dr Structure, Temp Lowering	4030390	8.000	Ea
0155	_ Public Utility Structure, Adj, Add Depth	4037001	75.000	Ft
0160	_ Dr Structure Cover, Adj, Case 1, RCOC	4037050	9.000	Ea
0165	_ Public Utility Structure Cover	4037050	5.000	Ea
0170	_ Public Utility Structure Cover, Adj, Case 1	4037050	6.000	Ea
0175	_ Public Utility Structure Cover, Adj, Case 1, RCOC	4037050	14.000	Ea
0180	_ Public Utility Structure Cover, Adj, Case 2	4037050	1.000	Ea
0185	_ Public Utility Structure, Temp Lowering	4037050	14.000	Ea
0190	HMA Surface, Rem	5010005	1,674.000	Syd
0195	HMA Patch, Rem	5010006	50.000	Syd
0200	Pavt Joint and Crack Repr, Det 7	5010020	5,000.000	Ft
0205	Pavt Joint and Crack Repr, Det 8	5010021	2,500.000	Ft
0210	Hand Patching	5010025	813.000	Ton
0215	HMA, 3EML	5012013	171.000	Ton
0220	HMA, 4EML	5012025	122.000	Ton
0225	HMA, 5EML	5012037	6,698.000	Ton
0230	_ Cold Milling Pavt	5017011	37,407.000	Syd
0235	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0240	Conc Base Cse, Nonreinf, 6 inch	6020015	179.000	Syd
0245	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	226.000	Syd
0250	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	427.000	Syd
0255	Joint, Plane-of-Weakness, W	6020211	316.000	Ft
0260	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	196.000	Syd
0265	Joint, Contraction, Crg	6030020	201.000	Ft
0270	Lane Tie, Epoxy Anchored	6030030	276.000	Ea
0275	Pavt Repr, Nonreinf Conc, 10 inch	6030048	113.000	Syd
0280	Pavt Repr, Rem	6030080	113.000	Syd
0285	Saw Cut, Intermediate	6030090	68.000	Ft
0290	_ Culvert Crack Sealing	7067051	1.000	LSUM
0295	_ Bridge Barrier Railing, Salv and Re-erect Portions	7127051	1.000	LSUM
0300	Curb and Gutter, Conc, Det B2	8020016	921.000	Ft
0305	Curb and Gutter, Conc, Det C5	8020024	97.000	Ft
0310	Curb and Gutter, Conc, Det C6	8020025	2,096.000	Ft
0315	Curb and Gutter, Conc, Det D2	8020031	100.000	Ft
0320	_ Driveway Opening, Conc, Det M, RCOC	8027001	609.000	Ft
0325	Sidewalk, Conc, 4 inch	8030044	505.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	300.000	Sft
0335	_ Brick, Salv and Replace	8037010	290.000	Sft
0340	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0345	Guardrail Reflector	8070080	20.000	Ea
0350	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0355	Guardrail, Type MGS-8, 72 inch Post	8072179	363.000	Ft
0360	_ Guardrail, Wood Back	8077001	138.000	Ft

0365	_ Guardrail Approach Terminal, Type 2M, MSKT	8077050	1.000	Ea
0370	Post, Steel, 3 pound	8100371	1,456.000	Ft
0375	Sign, Type II, Rem	8100397	9.000	Ea
0380	Sign, Type IIA	8100398	46.000	Sft
0385	Sign, Type III, Rem	8100403	104.000	Ea
0390	Sign, Type IIIA	8100404	134.000	Sft
0395	Sign, Type IIIB	8100405	350.000	Sft
0400	Ground Mtd Sign Support, Rem	8102010	101.000	Ea
0405	_ Post Hole Through Conc for Steel Post, 10 inch dia	8107050	20.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,015.000	Ft
0415	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	300.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0425	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
0435	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	525.000	Ft
0440	Rem Spec Mrkg	8110343	250.000	Sft
0445	_ Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow, RCOC	8117001	6,550.000	Ft
0450	_ Pavt Mrkg, Sprayable Thermopl, 6 inch, White, RCOC	8117001	7,800.000	Ft
0455	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0465	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0470	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0475	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0485	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0495	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	420.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	7,300.000	Ft
0505	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,550.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,334.000	Ft
0515	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,065.000	Ft
0520	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0525	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0530	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0535	Sign Cover	8120310	7.000	Ea
0540	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0545	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	1,866.000	Sft
0555	Sign, Type B, Temp, Prismatic, Oper	8120351	1,866.000	Sft

0560	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	309.000	Sft
0565	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	309.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0575	Pedestrian Path, Temp	8122250	35.000	Ft
0580	_ Riprap, Heavy, RCOC	8137011	122.000	Syd
0585	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	689.000	Syd
0590	Conduit, DB, 1, 1 1/4 inch	8182047	25.000	Ft
0595	Conduit, DB, 1, 3 inch	8182050	5.000	Ft
0600	Conduit, DB, 3, 3 inch	8182056	20.000	Ft
0605	Conduit, DB, 3, 4 inch	8182057	5.000	Ft
0610	Cable, Sec, Rem	8182199	800.000	Ft
0615	Cable, Sec, 600V, 1, 3/C#6	8182238	60.000	Ft
0620	Cable, Sec, Triplex, 1, 3/C#4	8182262	75.000	Ft
0625	Hh, Rem	8182330	8.000	Ea
0630	Serv Disconnect	8182366	1.000	Ea
0635	Serv Disconnect, Rem	8182367	1.000	Ea
0640	_ Hh, Round, 2 foot Dia, RCOC	8187050	3.000	Ea
0645	_ Hh, Round, 3 foot Dia, RCOC	8187050	1.000	Ea
0650	Case Sign, Rem	8200020	2.000	Ea
0655	Controller and Cabinet, Rem	8200030	2.000	Ea
0660	Controller Fdn, Base Mtd	8200045	1.000	Ea
0665	Fdn, Rem	8200065	3.000	Ea
0670	Pedestal Fdn, Rem	8200106	1.000	Ea
0675	Pedestal, Rem	8200110	1.000	Ea
0680	Span Wire	8200140	2.000	Ea
0685	Span Wire, Rem	8200141	1.000	Ea
0690	Steel Pole, Rem	8200145	3.000	Ea
0695	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0700	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
0705	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0710	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0715	Bracket, Truss, with 12 foot Arm	8200376	2.000	Ea
0720	Bracket, Truss, with 18 foot Arm	8200378	4.000	Ea
0725	Bracket, Truss, Rem	8200388	7.000	Ea
0730	Hemispherical Video Detection Camera	8200444	4.000	Ea
0735	Hemispherical Video Detection System	8200445	2.000	Ea
0740	TS Face, Bag	8200458	12.000	Ea
0745	TS Face, Bag, Rem	8200459	12.000	Ea
0750	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0755	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
0760	Strain Pole Fdn, 6 Bolt	8200470	56.000	Ft
0765	Casing	8200480	42.000	Ft
0770	_ Backplate, Retrofit, 3 Section, RCOC	8207050	8.000	Ea
0775	_ Backplate, TS, RCOC	8207050	6.000	Ea

0780	_ Cabinet, ITS Type, Delivered, RCOC	8207050	2.000	Ea
0785	_ Cabinet, ITS Type, RCOC	8207050	2.000	Ea
0790	_ Camera, Traffic Monitoring, RCOC	8207050	2.000	Ea
0795	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	2.000	Ea
0800	_ Case Sign, Two Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	1.000	Ea
0805	_ Controller, Digital Type, Delivered, SCATS, RCOC	8207050	2.000	Ea
0810	_ GPS Priority Control System, Salv, RCOC	8207050	1.000	Ea
0815	_ Ground Rod, RCOC	8207050	8.000	Ea
0820	_ Optical Priority Control System, Rem, RCOC	8207050	1.000	Ea
0825	_ Span Wire, Box, RCOC	8207050	1.000	Ea
0830	_ Tether Wire, Box, Bottom, RCOC	8207050	2.000	Ea
0835	_ Video Traffic Detection Camera, Rem, RCOC	8207050	7.000	Ea
0840	_ Valve Box, Adj, Case 1	8237050	2.000	Ea
0845	_ Valve Box, Adj, Case 2	8237050	2.000	Ea
0850	_ Sprinkler Line	8507001	500.000	Ft
0855	_ Sprinkler Head, Relocate	8507050	50.000	Ea
0860	_ Sprinkler Head, Replace	8507050	100.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 017**Letting Date:** July 7, 2023**Contract ID:** 82000-215653

Description: 0.96 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps and pavement markings on Inkster Road from Schoolcraft Road (I-96 Service Drive) northerly to south of Five Mile Road in the city of Livonia, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215653A	23A0566	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$216,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	377.000	Ft
0015	Pavt, Rem	2040050	59.000	Syd
0020	Sidewalk, Rem	2040055	451.000	Syd
0025	Exploratory Investigation, Vertical	2040080	30.000	Ft
0030	_ Pavt Repr, Remove, Patching	2047011	1,785.000	Syd
0035	_ Misc Obstruction, Rem	2047021	10.000	Cyd
0040	Excavation, Earth	2050016	50.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	21.000	Ea
0055	Project Cleanup	2090001	1.000	LSUM
0060	_ Aggregate Base, 6 inch, Modified	3027011	553.000	Syd
0065	_ Storm Sewer Cleanout	4027001	500.000	Ft
0070	Dr Structure, Cleaning	4030290	10.000	Ea
0075	Dr Structure, Temp Lowering	4030390	17.000	Ea
0080	_ Dr Structure Reconstruct	4037001	20.000	Ft
0085	_ Dr Structure Cover, Adj	4037050	39.000	Ea
0090	_ Dr Structure Cover, Adj, Furn Cover A	4037050	5.000	Ea
0095	_ Dr Structure Cover, Adj, Furn Cover S	4037050	5.000	Ea
0100	_ San Structure Cover, Adj	4037050	9.000	Ea
0105	Cold Milling HMA Surface	5010002	35,700.000	Syd
0110	HMA Surface, Rem	5010005	36.000	Syd
0115	Pavt Joint and Crack Repr, Det 8	5010021	100.000	Ft
0120	_ Cold Milling Conc Surface	5017011	500.000	Syd
0125	_ Bit Mixture for Patching, Temp	5017031	50.000	Ton
0130	_ Conditioning Existing Pavement	5017031	626.000	Ton
0135	_ Misc HMA Approach	5017031	144.000	Ton

0140	_ Misc HMA, 4EMH	5017031	4,909.000	Ton
0145	_ Misc HMA, 5EMH	5017031	3,093.000	Ton
0150	_ Misc HMA, Hand Patching	5017031	10.000	Ton
0155	_ Misc HMA, Wedge	5017031	972.000	Ton
0160	Joint, Contraction, Cp	6020200	714.000	Ft
0165	Joint, Expansion, E2	6020207	107.000	Ft
0170	Pavt Gapping	6020215	500.000	Ft
0175	_ Cold Weather Protection, Conc Pavt	6027011	895.000	Syd
0180	_ Conc Pavt, Nonreinf, ISC-3, 8 inch	6027011	59.000	Syd
0185	Lane Tie, Epoxy Anchored	6030030	212.000	Ea
0190	_ Pavt Repr, Nonreinf Conc, Patching	6037011	1,785.000	Syd
0195	Curb and Gutter, Conc, Det F5	8020039	250.000	Ft
0200	_ Conc Curb Cap	8027001	500.000	Ft
0205	_ Conc Curb Cap, Patching	8027001	1,000.000	Ft
0210	Detectable Warning Surface	8030010	80.000	Ft
0215	Curb Ramp Opening, Conc	8030030	127.000	Ft
0220	Sidewalk, Conc, 4 inch	8030044	2,918.000	Sft
0225	Sidewalk, Conc, 8 inch	8030048	246.000	Sft
0230	_ Curb Ramp, Conc, 8 inch	8037010	891.000	Sft
0235	_ Field Office	8097043	3.000	Mo
0240	_ Sign, Type B, Perm	8107010	174.000	Sft
0245	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	486.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	110.000	Ft
0255	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	159.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0265	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0270	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,830.000	Ft
0275	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	11,200.000	Ft
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0285	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0290	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0295	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0305	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,900.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,450.000	Ft
0325	Plastic Drum, Fluorescent, Furn	8120252	440.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	440.000	Ea
0335	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	2,900.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,450.000	Ft

0345	Sign Cover	8120310	6.000	Ea
0350	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0355	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	683.000	Sft
0365	Sign, Type B, Temp, Prismatic, Oper	8120351	683.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	28.000	Sft
0375	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	28.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0385	Mulch Blanket	8160027	2,810.000	Syd
0390	Topsoil Surface, Furn, 2 inch	8160060	2,810.000	Syd
0395	Water, Sodding/Seeding	8160090	10.000	Unit
0400	_ Seeding, Mixture THM, Modified	8167011	2,810.000	Syd
0405	Monument Box Adj	8210005	3.000	Ea
0410	Monument Preservation	8210010	3.000	Ea
0415	Protect Corners	8210020	3.000	Ea
0420	_ Monument, Prec Bench Mark	8217050	3.000	Ea
0425	Staking Plan Errors and Extras, Max \$180/hour	8240002	24.000	Hr
0430	_ Contractor Staking, Modified	8247051	1.000	LSUM
0435	_ Audio-Video Rte Survey	8507051	1.000	LSUM



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 018**Letting Date:** July 7, 2023**Contract ID:** 63000-210737

Description: 1.10 mi of hot mix asphalt cold milling, widening and resurfacing, concrete curb and gutter, ramps and pavement markings on Grand River Avenue from Napier Road to Wixom Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210737A	23A0575	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$528,900.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	10.000	Ea
0015	Stump, Rem, 6 inch to 18 inch	2020008	14.000	Ea
0020	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0030	Dr Structure, Rem	2030011	3.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	201.000	Ft
0040	Curb and Gutter, Rem	2040020	2,825.000	Ft
0045	Masonry and Conc Structure, Rem	2040045	50.000	Cyd
0050	Pavt, Rem	2040050	3,926.000	Syd
0055	Sidewalk, Rem	2040055	1,000.000	Syd
0060	_ Exploratory Investigation, Utility, Vertical, RCOC	2047001	200.000	Ft
0065	_ Gas Utility, Rem	2047001	550.000	Ft
0070	_ Exploratory Investigation, Utility, RCOC	2047021	200.000	Cyd
0075	Embankment, CIP	2050010	2,059.000	Cyd
0080	Excavation, Earth	2050016	7,698.000	Cyd
0085	Non Haz Contaminated Material Handling and Disposal, LM	2050031	75.000	Cyd
0090	_ Excavation, Earth, RCOC	2057011	4,880.000	Syd
0095	_ Subgrade Undercutting, 21AA	2057021	750.000	Cyd
0100	_ Erosion Control, Check Dam, Stone, RCOC	2087001	100.000	Ft
0105	_ Erosion Control, Silt Fence, RCOC	2087001	4,102.000	Ft
0110	_ Mulch, Temp, Regular, RCOC	2087011	1,600.000	Syd
0115	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	23.000	Ea
0120	_ Erosion Control, Inlet Protection, Geotextile and Stone, RCOC	2087050	5.000	Ea
0125	_ Aggregate Base, 10 inch, 21AA, RCOC	3027011	12,729.000	Syd
0130	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	1,066.000	Syd

0135	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	4,089.000	Syd
0140	_ Aggregate Base, 21AA, RCOC	3027031	250.000	Ton
0145	Maintenance Gravel	3060020	1,300.000	Ton
0150	Driveway Maintenance, Commercial	3062000	8.000	Ea
0155	Driveway Maintenance, Residential	3062001	1.000	Ea
0160	Intersection Maintenance	3062002	7.000	Ea
0165	_ Geotextile, Separator, Non-Woven, RCOC	3087011	300.000	Syd
0170	Culv End Sect, Conc, 12 inch	4010047	6.000	Ea
0175	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0180	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0185	Culv End Sect, Footing	4010072	10.000	Ea
0190	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0195	Culv, CI E, 15 inch	4010540	153.000	Ft
0200	Culv, CI E, 18 inch	4010541	138.000	Ft
0205	_ Culv, CI A, CSP, 12 inch, RCOC	4017001	70.000	Ft
0210	_ Culv, CSP Arch, CI A, 13 inch by 9 inch, RCOC	4017001	28.000	Ft
0215	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,360.000	Ft
0220	Sewer Tap, 12 inch	4021204	4.000	Ea
0225	Sewer Tap, 18 inch	4021206	1.000	Ea
0230	Sewer Tap, 30 inch	4021208	1.000	Ea
0235	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0240	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0245	Video Taping Sewer and Culv Pipe	4021275	1,360.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0255	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0260	Dr Structure Cover, Type B	4030010	23.000	Ea
0265	Dr Structure Cover, Type D	4030025	1.000	Ea
0270	Dr Structure Cover, Type G	4030040	3.000	Ea
0275	Dr Structure Cover, Type J	4030045	13.000	Ea
0280	Dr Structure Cover, Type K	4030050	9.000	Ea
0285	Dr Structure, 24 inch dia	4030200	9.000	Ea
0290	Dr Structure, 48 inch dia	4030210	14.000	Ea
0295	Dr Structure, 60 inch dia	4030220	1.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	52.000	Ft
0305	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0310	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0315	Dr Structure, Temp Lowering	4030390	10.000	Ea
0320	_ Public Utility Structure, Adj, Add Depth	4037001	46.000	Ft
0325	_ Dr Structure Cover, Adj, Case 1, RCOC	4037050	8.000	Ea
0330	_ Public Utility Structure Cover	4037050	23.000	Ea
0335	_ Public Utility Structure Cover, Adj, Case 1	4037050	5.000	Ea
0340	_ Public Utility Structure Cover, Adj, Case 1, RCOC	4037050	16.000	Ea
0345	_ Public Utility Structure Cover, Adj, Case 2	4037050	10.000	Ea
0350	_ Public Utility Structure, Temp Lowering	4037050	7.000	Ea
0355	Underdrain Outlet, 6 inch	4040093	200.000	Ft

0360	Underdrain, Outlet Ending, 6 inch	4040113	17.000	Ea
0365	_ Underdrain, Subbase, 6 inch, Modified	4047001	1,936.000	Ft
0370	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	3,797.000	Ft
0375	Cold Milling HMA Surface	5010002	26,389.000	Syd
0380	HMA Surface, Rem	5010005	3,120.000	Syd
0385	Edge Trimming	5010009	4,595.000	Ft
0390	Joint and Crack, Cleanout	5010015	1,500.000	Ft
0395	Pavt Joint and Crack Repr, Det 7	5010020	2,500.000	Ft
0400	Pavt Joint and Crack Repr, Det 8	5010021	1,500.000	Ft
0405	Hand Patching	5010025	300.000	Ton
0410	HMA, 3EMH	5012014	2,300.000	Ton
0415	HMA, 4EMH	5012026	1,550.000	Ton
0420	HMA, 5EMH	5012038	6,900.000	Ton
0425	HMA, Temp Pavt (4EML)	5012103	800.000	Ton
0430	_ HMA Approach (Commercial)	5017031	275.000	Ton
0435	_ HMA Approach (Sidestreet)	5017031	600.000	Ton
0440	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0445	Conc Base Cse, Nonreinf, 8 inch	6020019	500.000	Syd
0450	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	71.000	Syd
0455	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	513.000	Syd
0460	Joint, Plane-of-Weakness, W	6020211	400.000	Ft
0465	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	215.000	Syd
0470	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 9 inch	6027011	1,174.000	Syd
0475	Joint, Contraction, Crg	6030020	201.000	Ft
0480	Lane Tie, Epoxy Anchored	6030030	22.000	Ea
0485	Driveway, Nonreinf Conc, 6 inch	8010005	19.000	Syd
0490	Driveway, Nonreinf Conc, 8 inch	8010007	79.000	Syd
0495	Curb and Gutter, Conc, Det B2	8020016	4,274.000	Ft
0500	Curb and Gutter, Conc, Det B3	8020017	212.000	Ft
0505	Curb and Gutter, Conc, Det C4	8020023	302.000	Ft
0510	_ Curb and Gutter, Conc, Det B2, RCOC	8027001	52.000	Ft
0515	_ Curb and Gutter, Conc, Det F4, RCOC	8027001	77.000	Ft
0520	_ Driveway Opening, Conc, Det M, RCOC	8027001	586.000	Ft
0525	_ Spillway, Conc, RCOC	8027001	74.000	Ft
0530	Curb Ramp Opening, Conc	8030030	446.000	Ft
0535	Sidewalk, Conc, 4 inch	8030044	3,898.000	Sft
0540	Sidewalk, Conc, 6 inch	8030046	977.000	Sft
0545	Curb Ramp, Conc, 6 inch	8032002	5,200.000	Sft
0550	_ Detectable Warning Surface, RCOC	8037001	186.000	Ft
0555	Curb Vertical, HMA	8050020	535.000	Ft
0560	Post, Mailbox	8070095	2.000	Ea
0565	Post, Steel, 3 pound	8100371	908.000	Ft
0570	Sign, Type II, Rem	8100397	1.000	Ea
0575	Sign, Type IIA	8100398	28.000	Sft
0580	Sign, Type III, Erect, Salv	8100402	4.000	Ea

0585	Sign, Type III, Rem	8100403	45.000	Ea
0590	Sign, Type IIIA	8100404	111.000	Sft
0595	Sign, Type IIIB	8100405	129.000	Sft
0600	Sign, Type III, Rem, Salv	8102003	4.000	Ea
0605	Ground Mtd Sign Support, Rem	8102010	36.000	Ea
0610	_ Post, Flexible, Delineator, RCOC	8107050	10.000	Ea
0615	_ Street Sign Post	8107050	5.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	782.000	Ft
0625	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	238.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0635	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0640	Rem Spec Mrkg	8110343	1,297.000	Sft
0645	_ Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow, RCOC	8117001	20,300.000	Ft
0650	_ Pavt Mrkg, Sprayable Thermopl, 6 inch, White, RCOC	8117001	13,050.000	Ft
0655	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	27.000	Ea
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	27.000	Ea
0665	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0670	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	265.000	Ea
0675	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	265.000	Ea
0680	Culv, Temp	8120090	1.000	Ea
0685	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0690	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0695	Minor Traf Devices	8120170	1.000	LSUM
0700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	19,490.000	Ft
0705	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	18,850.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	22,700.000	Ft
0715	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,355.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,015.000	Ft
0725	Plastic Drum, Fluorescent, Furn	8120252	65.000	Ea
0730	Plastic Drum, Fluorescent, Oper	8120253	65.000	Ea
0735	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	121.000	Ft
0740	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0745	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0750	Sign, Type A, Temp, Prismatic, Furn	8120340	26.000	Sft
0755	Sign, Type A, Temp, Prismatic, Oper	8120341	26.000	Sft
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	1,561.000	Sft
0765	Sign, Type B, Temp, Prismatic, Oper	8120351	1,561.000	Sft
0770	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	835.000	Sft
0775	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	835.000	Sft

0780	Traf Regulator Control	8120370	1.000	LSUM
0785	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,200.000	Ft
0790	Pedestrian Path, Temp	8122250	200.000	Ft
0795	Pedestrian Ramp, Temp	8122251	4.000	Ea
0800	_ Riprap, Plain, RCOC	8137011	30.000	Syd
0805	_ Ditch, Plain Cobble, RCOC	8147011	40.000	Syd
0810	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	13,000.000	Syd
0815	Conduit, DB, 1, 1 1/4 inch	8182047	270.000	Ft
0820	Conduit, DB, 1, 3 inch	8182050	140.000	Ft
0825	Conduit, DB, 2, 3 inch	8182053	35.000	Ft
0830	Conduit, DB, 3, 3 inch	8182056	75.000	Ft
0835	Conduit, DB, 3, 4 inch	8182057	20.000	Ft
0840	Cable Pole, TS and Sec, Dismant	8182209	1.000	Ea
0845	Cable, Sec, 600V, 1, 3/C#6	8182238	200.000	Ft
0850	Hh, Rem	8182330	6.000	Ea
0855	Serv Disconnect	8182366	2.000	Ea
0860	Serv Disconnect, Rem	8182367	2.000	Ea
0865	_ Conduit, Directional Bore, 2, 3 inch, RCOC	8187001	250.000	Ft
0870	_ Hh, Round, 2 foot Dia, RCOC	8187050	8.000	Ea
0875	_ Hh, Round, 3 foot Dia, RCOC	8187050	2.000	Ea
0880	Light Std Arm, Install Salv	8190276	2.000	Ea
0885	Light Std Arm, Rem and Salv	8190278	2.000	Ea
0890	Light Std Fdn, Rem	8190280	1.000	Ea
0895	Light Std Shaft, Install Salv	8190301	1.000	Ea
0900	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
0905	Luminaire, Install Salv	8190350	2.000	Ea
0910	Luminaire, Rem and Salv	8190365	2.000	Ea
0915	_ Light Std Fnd, RCOC	8197050	1.000	Ea
0920	Case Sign, Disappearing Legend, 24 inch by 30 inch	8200015	1.000	Ea
0925	Case Sign, Rem	8200020	2.000	Ea
0930	Controller and Cabinet, Rem	8200030	2.000	Ea
0935	Controller Fdn, Base Mtd	8200045	2.000	Ea
0940	Controller Fdn, Rem	8200046	2.000	Ea
0945	Fdn, Rem	8200065	7.000	Ea
0950	Pedestal, Fdn	8200105	5.000	Ea
0955	Pedestal Fdn, Rem	8200106	2.000	Ea
0960	Pedestal, Rem	8200110	2.000	Ea
0965	Pushbutton and Sign	8200121	6.000	Ea
0970	Pushbutton, Rem	8200122	10.000	Ea
0975	Span Wire, Rem	8200141	5.000	Ea
0980	Steel Pole, Rem	8200145	7.000	Ea
0985	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
0990	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea

0995	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1000	TS, Span Wire Mtd, Rem	8200182	13.000	Ea
1005	TS, 4th Level, LTGA	8200215	2.000	Ea
1010	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	1.000	Ea
1015	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1020	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1025	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
1030	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
1035	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
1040	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
1045	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1050	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
1055	Bracket, Truss, with 12 foot Arm	8200376	2.000	Ea
1060	Bracket, Truss, with 18 foot Arm	8200378	4.000	Ea
1065	Bracket, Truss, Rem	8200388	9.000	Ea
1070	Hemispherical Video Detection Camera	8200444	4.000	Ea
1075	Hemispherical Video Detection System	8200445	2.000	Ea
1080	TS Head, Temp	8200453	7.000	Ea
1085	TS Face, Bag	8200458	23.000	Ea
1090	TS Face, Bag, Rem	8200459	23.000	Ea
1095	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
1100	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
1105	Strain Pole Fdn, 6 Bolt	8200470	60.000	Ft
1110	Casing	8200480	81.000	Ft
1115	Mast Arm Pole, Cat III	8202012	3.000	Ea
1120	Mast Arm, 40 foot, Cat III	8202031	1.000	Ea
1125	Mast Arm, 45 foot, Cat III	8202032	2.000	Ea
1130	Mast Arm, 50 foot, Cat III	8202033	1.000	Ea
1135	_ Mast Arm Pole Fdn, 6 Bolt, RCOC	8207001	45.000	Ft
1140	_ Backplate, TS, RCOC	8207050	17.000	Ea
1145	_ Cabinet, ITS Type, Delivered, RCOC	8207050	2.000	Ea
1150	_ Cabinet, ITS Type, RCOC	8207050	2.000	Ea
1155	_ Camera, Traffic Monitoring, RCOC	8207050	2.000	Ea
1160	_ Camera, Traffic Monitoring, Rem, RCOC	8207050	1.000	Ea
1165	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	3.000	Ea
1170	_ Controller, Digital Type, Delivered, SCATS, RCOC	8207050	2.000	Ea
1175	_ Pedestal, Alum, RCOC	8207050	5.000	Ea
1180	_ Pushbutton Support Post, RCOC	8207050	4.000	Ea
1185	_ Pushbutton Support Post, Rem, RCOC	8207050	9.000	Ea
1190	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1195	_ Street Name Sign, Non-Illuminated, Bracket Arm, RCOC	8207050	4.000	Ea

1200	_ Street Name Sign, Non-Illuminated, Two Way, 6 foot, RCOC	8207050	2.000	Ea
1205	_ Street Name Sign, Non-Illuminated, Two Way, 8 foot, RCOC	8207050	3.000	Ea
1210	_ Tether Wire, Box, Bottom, RCOC	8207050	1.000	Ea
1215	_ Video Traffic Detection Camera, Rem, RCOC	8207050	8.000	Ea
1220	_ Fire Hydrant Relocation, Method C	8237050	4.000	Ea
1225	_ Sprinkler Line	8507001	1,200.000	Ft
1230	_ Sprinkler Head, Relocate	8507050	50.000	Ea
1235	_ Sprinkler Head, Replace	8507050	100.000	Ea



6/7/2023 4:15 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 019**Letting Date:** July 7, 2023**Contract ID:** 80000-206742

Description: 1.49 mi of hot mix asphalt crush, shape and resurface, trenching, drainage, signing and pavement markings on County Road 388 from County Road 653 (29th Street) to 26th Street, Van Buren County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206742A	23A0563	N/A	STL 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$200,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Dr Structure, Rem	2030011	2.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	50.000	Ft
0030	Pavt, Rem	2040050	30.000	Syd
0035	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	Ditch Cleanout	2050006	2.500	Sta
0045	_ Machine Grading, Modified	2057002	158.000	Sta
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0055	Aggregate Base, LM	3020002	565.000	Cyd
0060	HMA Base Crushing and Shaping	3050002	32,130.000	Syd
0065	Salv Crushed Material, LM	3050015	200.000	Cyd
0070	Aggregate Surface Cse, 6 inch	3060010	2,080.000	Syd
0075	Maintenance Gravel, LM	3060021	500.000	Cyd
0080	Shld, CI II	3070121	995.000	Ton
0085	Trenching	3070200	158.000	Sta
0090	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0095	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0100	Culv End Sect, Metal, 24 inch	4010098	6.000	Ea
0105	Culv, CI A, Conc, 24 inch	4010168	60.000	Ft
0110	Culv, CI A, CSP, 24 inch	4010202	175.000	Ft
0115	Culv, CI E, 18 inch	4010541	40.000	Ft
0120	Culv, CI F, 15 inch	4010608	185.000	Ft
0125	Sewer, CI IV, 12 inch, Tr Det B	4020987	126.000	Ft
0130	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0135	Dr Structure Cover, Type B	4030010	4.000	Ea

0140	Dr Structure Cover, Type G	4030040	3.000	Ea
0145	Dr Structure, 24 inch dia	4030200	1.000	Ea
0150	Dr Structure, 48 inch dia	4030210	1.000	Ea
0155	Dr Structure, Temp Lowering	4030390	4.000	Ea
0160	_ Leaching Basin, 48 inch dia	4037050	1.000	Ea
0165	Cold Milling HMA Surface	5010002	1,600.000	Syd
0170	HMA Surface, Rem	5010005	2,555.000	Syd
0175	HMA Approach	5010061	630.000	Ton
0180	HMA, 4EL	5012024	6,410.000	Ton
0185	Curb and Gutter, Conc, Det B2	8020016	1,020.000	Ft
0190	Spillway, Conc	8020075	20.000	Ft
0195	_ HMA Spillway, Modified	8027050	1.000	Ea
0200	Curb Slp, HMA	8050010	770.000	Ft
0205	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0210	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0215	Guardrail Reflector	8070080	11.000	Ea
0220	Post, Mailbox	8070095	45.000	Ea
0225	Guardrail, Type MGS-8, 72 inch Post	8072179	550.000	Ft
0230	Post, Steel, 3 pound	8100371	540.000	Ft
0235	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0240	Sign, Type III, Rem	8100403	36.000	Ea
0245	Sign, Type IIIA	8100404	73.500	Sft
0250	Sign, Type IIIB	8100405	211.500	Sft
0255	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0265	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,660.000	Ft
0270	Pavt Mrkg, Waterborne, 6 inch, White	8110233	14,745.000	Ft
0275	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0285	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0290	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0295	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0305	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0315	Riprap, Plain	8130010	5.000	Syd
0320	Slope Restoration, Non-Freeway, Type B	8162002	30,250.000	Syd
0325	Monument Box Adj	8210005	2.000	Ea
0330	Monument Preservation	8210010	2.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 020**Letting Date:** July 7, 2023**Contract ID:** 70000-207042**Description:** 2.83 mi of hot mix asphalt cold milling and resurfacing, trenching and pavement markings on Leonard Street from 88th Avenue east to 68th Avenue, Ottawa County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207042A	23A0589	N/A	STL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$163,600.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	302.000	Syd
0015	Approach, CI I, 6 inch	3070008	213.000	Syd
0020	Trenching	3070200	291.000	Sta
0025	_ Shld, CI II, Spec	3077011	6,857.000	Syd
0030	_ Approach, CI II, Driveway	3077050	36.000	Ea
0035	Cold Milling HMA Surface	5010002	39,567.000	Syd
0040	Pavt for Butt Joints, Rem	5010008	3,424.000	Syd
0045	HMA Approach	5010061	218.000	Ton
0050	HMA, 2EL	5012000	2,238.000	Ton
0055	HMA, 4EL	5012024	5,690.000	Ton
0060	HMA, 5EL	5012036	4,324.000	Ton
0065	_ Post, Mailbox, Modified	8077050	81.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	29,230.000	Ft
0075	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,010.000	Ft
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	167.000	Ea
0085	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	167.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	16,010.000	Ft
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,196.000	Ft
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	428.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	428.000	Sft
0125	Traf Regulator Control	8120370	1.000	LSUM
0130	_ Slope Restoration	8167011	6,820.000	Syd



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 021**Letting Date:** July 7, 2023**Contract ID:** 25000-207652

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, rubblize and remove concrete pavement and pavement markings on Genesee Road from Court Street to Davison Road in the city of Burton, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207652A	23A0577	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$125,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	19.000	Ea
0015	Dr Structure, Rem	2030011	1.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0025	Curb and Gutter, Rem	2040020	448.000	Ft
0030	Guardrail, Rem	2040035	272.000	Ft
0035	Exploratory Investigation, Vertical	2040080	25.000	Ft
0040	_ Pavt, Rem, Modified	2047011	4,106.000	Syd
0045	Ditch Cleanout	2050006	23.000	Sta
0050	Embankment, CIP	2050010	1,432.000	Cyd
0055	Excavation, Earth	2050016	1,803.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0065	_ Subgrade Undercutting, Type II, 1 by 3	2057021	100.000	Cyd
0070	_ Subgrade Undercutting, Type II, 21AA	2057021	100.000	Cyd
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0080	Erosion Control, Inlet Protection, Sediment Trap	2080024	13.000	Ea
0085	Erosion Control, Silt Fence	2080036	2,800.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0095	Aggregate Base	3020001	831.000	Ton
0100	Aggregate Base, 6 inch	3020016	1,274.000	Syd
0105	Aggregate Base, Conditioning	3020050	1,665.000	Syd
0110	Aggregate, Filler	3040010	544.000	Ton
0115	_ Pavt, Rubblize, Modified	3047011	6,691.000	Syd
0120	Material, Surplus and Unsuitable, Rem, LM	3050010	100.000	Cyd
0125	Salv Crushed Material, LM	3050015	100.000	Cyd
0130	Maintenance Gravel	3060020	539.000	Ton
0135	Trenching	3070200	77.000	Sta

0140	_ Approach, CI II, Modified	3077031	76.000	Ton
0145	_ Shoulder, CI II, Modified	3077031	1,043.000	Ton
0150	Culv End Sect, 12 inch	4010012	2.000	Ea
0155	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0160	Culv, CI F, 12 inch	4010607	487.000	Ft
0165	Sewer, CI A, 12 inch, Tr Det A	4020004	419.000	Ft
0170	Sewer, CI IV, 12 inch, Tr Det A	4020960	97.000	Ft
0175	Sewer, CI IV, 18 inch, Tr Det B	4020989	67.000	Ft
0180	Sewer Tap, 48 inch	4021211	2.000	Ea
0185	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0190	Dr Structure Cover, Adj, Case 2	4030006	8.000	Ea
0195	Dr Structure Cover, Type B	4030010	8.000	Ea
0200	Dr Structure Cover, Type E	4030035	1.000	Ea
0205	Dr Structure Cover, Type G	4030040	1.000	Ea
0210	Dr Structure Cover, Type J	4030045	2.000	Ea
0215	Dr Structure Cover, Type K	4030050	1.000	Ea
0220	Dr Structure Cover, Type Q	4030065	3.000	Ea
0225	Dr Structure, 24 inch dia	4030200	1.000	Ea
0230	Dr Structure, 48 inch dia	4030210	4.000	Ea
0235	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	1.000	Ft
0240	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
0245	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	749.000	Ft
0250	Pavt, Cleaning	5010001	1.000	LSUM
0255	Cold Milling HMA Surface	5010002	1,129.000	Syd
0260	HMA Surface, Rem	5010005	7,068.000	Syd
0265	Pavt for Butt Joints, Rem	5010008	50.000	Syd
0270	Pavt Joint and Crack Repr, Det 7	5010020	2,500.000	Ft
0275	Pavt Joint and Crack Repr, Det 8	5010021	1,000.000	Ft
0280	Hand Patching	5010025	231.000	Ton
0285	HMA, 4EML	5012025	2,584.000	Ton
0290	HMA, 5EML	5012037	1,473.000	Ton
0295	_ HMA Residential Drive Approach, Special	5017011	927.000	Syd
0300	_ Conc Pavt, Nonreinf, 9 inch, Modified	6027011	1,665.000	Syd
0305	Cold Milling Conc Pavt	6030014	1,767.000	Syd
0310	Saw Cut, Intermediate	6030090	2,509.000	Ft
0315	_ Driveway, Nonreinf Conc, 5 inch, Modified	8017011	98.000	Syd
0320	Curb and Gutter, Conc, Det B2	8020016	431.000	Ft
0325	Curb and Gutter, Conc, Det F3	8020037	180.000	Ft
0330	Curb and Gutter, Conc, Det F4	8020038	147.000	Ft
0335	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0340	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0345	Spillway, Conc	8020075	6.000	Ft
0350	Curb Ramp Opening, Conc	8030030	60.000	Ft
0355	Curb Ramp, Conc, 6 inch	8032002	434.000	Sft

0360	_ Detectable Warning Surface, Cast Iron	8037001	26.000	Ft
0365	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0370	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0375	Guardrail Reflector	8070080	42.000	Ea
0380	Guardrail, Long Span, Det MGS-2	8072122	2.000	Ea
0385	Guardrail, Long Span, Det MGS-3	8072123	1.000	Ea
0390	Guardrail, Type MGS-8, 72 inch Post	8072179	400.000	Ft
0395	_ Guardrail, Wood Back	8077001	475.000	Ft
0400	_ Post, Mailbox, Remove and Reset	8077050	26.000	Ea
0405	_ Fence, Chain Link, 48 inch, Modified	8087001	309.000	Ft
0410	Post, Steel, 3 pound	8100371	252.000	Ft
0415	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0420	Sign, Type III, Rem	8100403	15.000	Ea
0425	Sign, Type IIIA	8100404	2.000	Sft
0430	Sign, Type IIIB	8100405	85.000	Sft
0435	Ground Mtd Sign Support, Rem	8102010	17.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	154.000	Ft
0445	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	78.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0455	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,755.000	Ft
0465	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,550.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	9,755.000	Ft
0475	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,550.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0485	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0495	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0505	Dust Palliative, Applied	8120100	10.000	Ton
0510	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0515	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0525	Sign Cover	8120310	40.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0535	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	125.000	Sft
0545	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	125.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0555	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,000.000	Ft
0560	Pedestrian Ramp, Temp	8122251	5.000	Ea
0565	Riprap, Plain	8130010	111.000	Syd
0570	_ Turf Establishment, Performance-No Rye, Special	8167011	13,500.000	Syd

0575	Monument Box	8210001	1.000	Ea
0580	Monument Box Adj	8210005	1.000	Ea
0585	Monument Preservation	8210010	1.000	Ea
0590	Protect Corners	8210020	5.000	Ea
0595	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0600	Gate Box, Adj, Case 2	8230432	3.000	Ea
0605	Sanitary Structure Cover, Adj, Case 1	8252145	1.000	Ea
0610	Sanitary Structure Cover, Adj, Case 2	8252146	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230707 022

Letting Date: July 7, 2023

Contract ID: 63000-215143

Description: 1.22 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on Franklin Road from the south city limits of Pontiac to Rapid Street and Rapid Street from Franklin Road to Woodward Avenue in the city of Pontiac, Oakland County. This is a Local Agency project. This project includes a 3 year HMA Local Agency Warranty

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215143A	23A0595	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Grand Trunk Western Railroad	1027060	7,500.000	Dlr
0010	Mobilization, Max \$98,460.00	1100001	1.000	LSUM
0015	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0020	Curb and Gutter, Rem	2040020	646.000	Ft
0025	Pavt, Rem	2040050	340.000	Syd
0030	Sidewalk, Rem	2040055	602.000	Syd
0035	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	Embankment, CIP	2050010	80.000	Cyd
0045	Excavation, Earth	2050016	116.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	50.000	Ea
0055	Project Cleanup	2090001	1.000	LSUM
0060	Aggregate Base	3020001	67.000	Ton
0065	Aggregate Base, 6 inch	3020016	666.000	Syd
0070	Maintenance Gravel	3060020	50.000	Ton
0075	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0080	Dr Structure Cover, Type B	4030010	12.000	Ea
0085	_ DPW Structure Cover	4037050	26.000	Ea
0090	_ Utility Structure Cover, Adjust, Case 1	4037050	5.000	Ea
0095	Cold Milling HMA Surface	5010002	17,743.000	Syd
0100	Pavt Joint and Crack Repr, Det 8	5010021	1,200.000	Ft
0105	Hand Patching	5010025	120.000	Ton
0110	HMA Approach	5010061	388.000	Ton
0115	HMA, 4EML	5012025	1,420.000	Ton
0120	HMA, 5EML	5012037	1,420.000	Ton
0125	Conc Base Cse, Nonreinf, 6 inch	6020015	50.000	Syd
0130	_ Concrete Pavt, Decorative, Nonreinf, 10 inch	6027011	202.000	Syd

0135	Joint, Contraction, Crg	6030020	1,552.000	Ft
0140	Lane Tie, Epoxy Anchored	6030030	437.000	Ea
0145	Pavt Repr, Nonreinf Conc, 9 inch	6030046	916.000	Syd
0150	Pavt Repr, Rem	6030080	916.000	Syd
0155	Curb and Gutter, Conc, Det F4	8020038	646.000	Ft
0160	Detectable Warning Surface	8030010	290.000	Ft
0165	Curb Ramp Opening, Conc	8030030	518.000	Ft
0170	Sidewalk, Conc, 4 inch	8030044	2,237.000	Sft
0175	Curb Ramp, Conc, 6 inch	8032002	3,181.000	Sft
0180	Sign, Type III, Rem	8100403	13.000	Ea
0185	Sign, Type IIIB	8100405	13.000	Sft
0190	Ground Mtd Sign Support, Rem	8102010	7.000	Ea
0195	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0205	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0215	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	764.000	Ft
0220	Pavt Mrkg, Polyurea, 6 inch, White	8110094	510.000	Ft
0225	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	12,030.000	Ft
0230	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	474.000	Ft
0235	Pavt Mrkg, Polyurea, Railroad Sym	8110411	6.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0250	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,000.000	Ft
0265	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0275	Sign Cover	8120310	10.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0285	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0305	_ Turf Establishment, Performance	8167011	865.000	Syd
0310	Sign Optical, Rem	8200372	2.000	Ea
0315	Water Shutoff, Adj, Case 1	8230421	35.000	Ea
0320	Sanitary Structure Cover, Adj, Case 1	8252145	21.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 023**Letting Date:** July 7, 2023**Contract ID:** 83000-216508**Description:** Bridge replacement of 2 bridges on North Missaukee ORV Trail over East Chase Creek and West Chase Creek, Wexford County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216508A	23A0537	N/A	NRT 83000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$20,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.500	Acre
0015	Embankment, CIP	2050010	492.000	Cyd
0020	Excavation, Channel	2050015	504.000	Cyd
0025	Excavation, Earth	2050016	200.000	Cyd
0030	Erosion Control, Silt Fence	2080036	850.000	Ft
0035	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0040	Subbase, CIP	3010002	146.000	Cyd
0045	Aggregate Surface Cse	3060005	78.000	Cyd
0050	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0055	Guardrail Post, Culv	8070070	16.000	Ea
0060	Guardrail, Type MGS-8, 72 inch Post	8072179	138.000	Ft
0065	Fence, Chain Link, 72 inch	8080013	80.000	Ft
0070	Fence Gate, 6 foot, for 72 inch Chain Link Fence	8080033	2.000	Ea
0075	Post, Steel, 3 pound	8100371	128.000	Ft
0080	Sign, Type IIIB	8100405	48.000	Sft
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0095	Conc Barrier, Temp, Furn	8120081	36.000	Ft
0100	Conc Barrier, Temp, Oper	8120082	36.000	Ft
0105	Sign, Type B, Temp, Prismatic, Furn	8120350	80.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	80.000	Sft
0115	_ Conc Barrier, Temp, Adj, Special	8127051	1.000	LSUM
0120	Slope Restoration, Non-Freeway, Type F	8162006	668.000	Syd
0125	Contractor Staking	8240001	1.000	LSUM
0130	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr

Section: 2

0135	Structures, Rem (East Branch)	2040060	1.000	LSUM
0140	Structures, Rem (West Branch)	2040060	1.000	LSUM
0145	Backfill, Structure, CIP	2060002	652.000	Cyd
0150	Excavation, Fdn	2060010	789.000	Cyd
0155	Underdrain, Fdn, 6 inch	4040033	160.000	Ft
0160	Underdrain Outlet, 6 inch	4040093	80.000	Ft
0165	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0170	Culv Bedding, Box Culv	4060005	52.000	Cyd
0175	_ Culv, Precast Conc Box, 20 foot by 5 foot	4067001	48.000	Ft
0180	Conc Pavt, Bridge Approach, Reinf	6020600	148.000	Syd
0185	Cofferdams (East Branch)	7040007	1.000	LSUM
0190	Cofferdams (West Branch)	7040007	1.000	LSUM
0195	Bridge Ltg, Furn and Rem (East Branch)	7060001	1.000	LSUM
0200	Bridge Ltg, Furn and Rem (West Branch)	7060001	1.000	LSUM
0205	Bridge Ltg, Oper and Maintain	7060002	26.000	Cyd
0210	Conc, Low Temperature Protection	7060020	32.000	Cyd
0215	Reinforcement, Steel, Epoxy Coated	7060092	2,598.000	Lb
0220	Superstructure Conc, Form, Finish, and Cure, Night Casting (East Branch)	7060112	1.000	LSUM
0225	Superstructure Conc, Form, Finish, and Cure, Night Casting (West Branch)	7060112	1.000	LSUM
0230	Superstructure Conc, Night Casting	7060113	26.000	Cyd
0235	Protective Ovly, Snowmobile Trail Crossing	8110550	138.000	Syd
0240	Riprap, Plain	8130010	129.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230707 024**Letting Date:** July 7, 2023**Contract ID:** 29000-211724

Description: 2.01 mi of hot mix asphalt resurfacing, aggregate shoulders, guardrail upgrades and pavement markings on Harrison Road from Winans Road east to Alger Road, Gratiot County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211724A	23A0573	N/A	STUL 29000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$45,500.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	960.000	Ft
0015	Pavt, Rem	2040050	60.000	Syd
0020	Approach, CI I	3070001	4.000	Ton
0025	Approach, CI II	3070021	55.000	Ton
0030	Shld, CI II	3070121	1,521.000	Ton
0035	Pavt for Butt Joints, Rem	5010008	1,769.000	Syd
0040	HMA, 13A	5010033	4,360.000	Ton
0045	HMA Approach	5010061	130.000	Ton
0050	_ HMA Surface, Rem, Modified	5017011	453.000	Syd
0055	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0060	Guardrail Reflector	8070080	24.000	Ea
0065	Guardrail, Type MGS-8, 72 inch Post	8072179	150.000	Ft
0070	_ Guardrail, Backed, Type T	8077001	250.000	Ft
0075	_ Guardrail Anch, Bridge, Det M3, Modified	8077050	4.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,558.000	Ft
0085	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,695.000	Ft
0090	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0095	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0105	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	443.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	443.000	Sft
0125	Traf Regulator Control	8120370	1.000	LSUM
0130	Monument Box Adj	8210005	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 025**Letting Date:** July 7, 2023**Contract ID:** 63000-214202

Description: 1.20 mi of hot mix asphalt shared-use path, concrete curb and gutter and pavement markings along Drexelgate Parkway from east of Livernois to west of Rochester Road in the city of Rochester Hills, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214202A	23A0578	N/A	TA 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	5,000.000	Dlr
0010	Mobilization, Max \$171,800.00	1100001	1.000	LSUM
0015	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0025	_ Tree Trimming, Spec	2027050	27.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	113.000	Ft
0035	Curb and Gutter, Rem	2040020	2,642.000	Ft
0040	Pavt, Rem	2040050	3,457.000	Syd
0045	Sidewalk, Rem	2040055	36.000	Syd
0050	Exploratory Investigation, Vertical	2040080	100.000	Ft
0055	Embankment, CIP	2050010	2,351.000	Cyd
0060	Excavation, Earth	2050016	1,497.000	Cyd
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	48.000	Ea
0070	Erosion Control, Silt Fence	2080036	755.000	Ft
0075	Project Cleanup	2090001	1.000	LSUM
0080	_ Aggregate Base, 4 inch, Modified	3027011	6,045.000	Syd
0085	_ Aggregate Base, 6 inch, Modified	3027011	1,560.000	Syd
0090	_ Aggregate Base, Modified	3027031	275.000	Ton
0095	Maintenance Gravel	3060020	500.000	Ton
0100	Sewer, CI IV, 12 inch, Tr Det B	4020987	113.000	Ft
0105	Sewer, CI IV, 24 inch, Tr Det B	4020993	10.000	Ft
0110	Sewer Tap, 12 inch	4021204	13.000	Ea
0115	Video Taping Sewer and Culv Pipe	4021275	123.000	Ft
0120	Dr Structure Cover, Adj, Case 2	4030006	12.000	Ea
0125	Dr Structure Cover, Type B	4030010	12.000	Ea
0130	Dr Structure Cover, Type D	4030025	1.000	Ea
0135	Dr Structure Cover, Type J	4030045	12.000	Ea

0140	Dr Structure, 24 inch dia	4030200	1.000	Ea
0145	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	2.000	Ft
0150	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0155	Dr Structure, Tap, 12 inch	4030312	11.000	Ea
0160	_ DPS Structure Cover, Adj, Add Depth, Spec	4037001	1.000	Ft
0165	_ DPS Structure Cover, Adj, Case 2, Spec	4037050	1.000	Ea
0170	_ DPS Structure Cover, Spec	4037050	1.000	Ea
0175	_ Dr Structure, 48 inch, dia, Modified	4037050	12.000	Ea
0180	_ Underdrain, Subgrade, Open-Graded, 6 inch, Modified	4047001	1,350.000	Ft
0185	HMA Surface, Rem	5010005	2,730.000	Syd
0190	Edge Trimming	5010009	500.000	Ft
0195	Hand Patching	5010025	148.000	Ton
0200	HMA Approach	5010061	320.000	Ton
0205	Conc Base Cse, Nonreinf, 8 inch	6020019	100.000	Syd
0210	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	155.000	Syd
0215	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	630.000	Syd
0220	Joint, Expansion, Erg	6030021	112.000	Ft
0225	Lane Tie, Epoxy Anchored	6030030	2,400.000	Ea
0230	Curb, Conc, Det E2	8020002	75.000	Ft
0235	Driveway Opening, Conc, Det M	8020050	652.000	Ft
0240	_ Curb and Gutter, Conc, Det B1, Modified	8027001	2,045.000	Ft
0245	_ Curb and Gutter, Conc, Det B2, Modified	8027001	2,119.000	Ft
0250	_ Curb and Gutter, Conc, Det F2, Modified	8027001	72.000	Ft
0255	Detectable Warning Surface	8030010	331.000	Ft
0260	Curb Ramp Opening, Conc	8030030	419.000	Ft
0265	Sidewalk, Conc, 4 inch	8030044	41.000	Sft
0270	Curb Ramp, Conc, 6 inch	8032002	4,183.000	Sft
0275	Shared use Path, HMA	8060040	1,183.000	Ton
0280	Sign, Type III, Erect, Salv	8100402	34.000	Ea
0285	Sign, Type IIIA	8100404	72.000	Sft
0290	Sign, Type IIIB	8100405	108.000	Sft
0295	Reflective Panel for Permanent Sign Support, 3 foot	8100613	16.000	Ea
0300	Sign, Type III, Rem, Salv	8102003	81.000	Ea
0305	Ground Mtd Sign Support, Rem	8102010	44.000	Ea
0310	_ Perforated Steel Square Tube Breakaway System RH	8107050	39.000	Ea
0315	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	950.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	354.000	Ft
0325	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0335	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,859.000	Ft
0340	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	250.000	Ft
0345	Rem Spec Mrkg	8110343	572.000	Sft
0350	Barricade, Type III, High Intensity, Double Sided,	8120012	10.000	Ea

	Lighted, Furn			
0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0360	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0365	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0375	Dust Palliative, Applied	8120100	5.000	Ton
0380	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0385	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0395	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,429.000	Ft
0400	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0405	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0410	Sign Cover	8120310	20.000	Ea
0415	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0425	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0430	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0435	Traf Regulator Control	8120370	1.000	LSUM
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	5,300.000	Ft
0445	_ Turf Establishment, Spec	8167011	5,522.000	Syd
0450	_ Sprinkler Line	8237001	5,000.000	Ft
0455	_ Sprinkler Head, Relocate	8237050	100.000	Ea
0460	_ Sprinkler Head, Replace	8237050	100.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 026**Letting Date:** July 7, 2023**Contract ID:** 55000-218915

Description: 5.22 mi of multiple course chip seal with fog seal and pavement markings on Elmwood Road from County Road 577 to US-41 and Birch Creek Road from Bay de Noc Drive to M-35, Menominee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218915A	23A0567	N/A	STL 55000

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	Seal, Single Chip	5050001	37,071.000	Syd
0015	Seal, Double Chip	5050002	26,463.000	Syd
0020	Seal, Fog	5050015	63,534.000	Syd
0025	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	256.000	Ft
0030	Pavt Mrkg, Waterborne, 4 inch, White	8110231	55,016.000	Ft
0035	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	41,262.000	Ft
0040	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0045	Pavt Mrkg, Thermopl, Rumble Strip	8110470	200.000	Ft
0050	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0055	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	275.000	Ea
0070	Sign Cover	8120310	2.000	Ea
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	276.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	276.000	Sft
0085	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 027**Letting Date:** July 7, 2023**Contract ID:** 61000-205907

Description: 3.08 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and approaches and pavement markings on Ravenna Road from Apple Avenue north to Bailey Road, Muskegon County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205907A	23A0579	N/A	STL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$102,600.00	1100001	1.000	LSUM
0010	Aggregate Base, 8 inch	3020020	62.000	Syd
0015	Approach, CI II	3070021	101.000	Ton
0020	Shld, CI II	3070121	1,070.000	Ton
0025	Trenching	3070200	2.000	Sta
0030	Edge Trimming	5010009	137.000	Ft
0035	HMA, 4EL	5012024	5,973.000	Ton
0040	HMA, 5EL	5012036	4,480.000	Ton
0045	_ Cold Milling HMA Surface, Modified	5017011	50,180.000	Syd
0050	_ HMA Surface, Rem, Modified	5017011	87.000	Syd
0055	Membrane, Preformed Waterproofing	7100008	1,193.000	Sft
0060	Post, Mailbox	8070095	44.000	Ea
0065	Pavt Mrkg, Waterborne, 4 inch, White	8110231	31,888.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,246.000	Ft
0075	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	16.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0090	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	360.000	Ea
0095	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	360.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,300.000	Ft
0110	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0115	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	404.000	Sft
0125	Sign, Type B, Temp, Prismatic, Oper	8120351	404.000	Sft
0130	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	76.000	Sft

0135	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	76.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 028**Letting Date:** July 7, 2023**Contract ID:** 25000-213735**Description:** Dual stop and stop ahead signs at two intersections on Belsay Road at Bristol Road and Belsay Road at Lippincott Road in the city of Burton, Genesee County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213735A	23A0587	N/A	HSIP 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$1,900.00	1100001	1.000	LSUM
0010	Exploratory Investigation, Vertical	2040080	5.000	Ft
0015	Project Cleanup	2090001	1.000	LSUM
0020	Post, Steel, 3 pound	8100371	420.000	Ft
0025	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0030	Sign, Type III, Rem	8100403	7.000	Ea
0035	Sign, Type IIIA	8100404	85.000	Sft
0040	Sign, Type IIIB	8100405	56.000	Sft
0045	Sign, Type VB	8100425	8.000	Sft
0050	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0055	Reflective Panel for Permanent Sign Support, 6 foot	8100616	40.000	Ea
0060	Ground Mtd Sign Support, Rem	8102010	12.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	196.000	Sft
0075	Sign, Type B, Temp, Prismatic, Oper	8120351	196.000	Sft
0080	_ Turf Establishment, Performance	8167011	300.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230707 029**Letting Date:** July 7, 2023**Contract ID:** 11051-202003

Description: 3.90 mi of rehabilitation and reconstruction including hot mix asphalt cold milling and resurfacing, hot mix asphalt inlay, hot mix asphalt reconstruction, concrete pavement repairs, sidewalk, bridge and embankment removal, traffic signals, permanent signing and pavement markings on M-51 from Chestnut Lane northerly to M-60BR and US-12 from west of 3rd Street easterly to east of M-51 in the city of Niles, Berrien County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202003A	23A0630	N/A	NH 11051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	20,490.000	Dlr
0010	Mobilization, Max \$2,490,600.00	1100001	1.000	LSUM
0015	Clearing	2010001	1.250	Acre
0020	Tree, Rem, 19 inch to 36 inch	2020002	6.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	15.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0045	Dr Structure, Rem	2030011	59.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	3,624.000	Ft
0055	Sewer, Rem, 24 inch to 48 inch	2030016	755.000	Ft
0060	_ Monitoring Well, Adjust	2037050	2.000	Ea
0065	Curb and Gutter, Rem	2040020	4,715.000	Ft
0070	Fence, Rem	2040025	2,130.000	Ft
0075	Guardrail, Rem	2040035	6,594.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	20.000	Cyd
0085	Pavt, Rem	2040050	65,504.000	Syd
0090	Sidewalk, Rem	2040055	661.000	Syd
0095	Exploratory Investigation, Vertical	2040080	100.000	Ft
0100	Ditch Cleanout	2050006	4.000	Sta
0105	Embankment, CIP	2050010	3,488.000	Cyd
0110	Excavation, Earth	2050016	262,637.000	Cyd
0115	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	1,600.000	Cyd
0125	Flowable Fill, Non-Structural	2050148	11.000	Cyd

0130	Backfill, Structure, CIP	2060002	280.000	Cyd
0135	Obliterate Old Road	2070001	26.000	Sta
0140	Erosion Control, Check Dam, Stone	2080012	1,805.000	Ft
0145	Erosion Control, Inlet Protection, Fabric Drop	2080020	219.000	Ea
0150	Erosion Control, Inlet Protection, Sediment Trap	2080024	96.000	Ea
0155	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0160	Erosion Control, Sand Bag	2080028	60.000	Ea
0165	Erosion Control, Sediment Trap	2080034	115.000	Ea
0170	Erosion Control, Silt Fence	2080036	8,777.000	Ft
0175	_ Permeable Runoff Structure	2087001	1,000.000	Ft
0180	_ Straw Wattle	2087001	1,000.000	Ft
0185	Subbase, CIP	3010002	39,598.000	Cyd
0190	Aggregate Base	3020001	5,779.000	Ton
0195	Aggregate Base, 6 inch	3020016	89,136.000	Syd
0200	Driveway Maintenance, Commercial	3062000	2.000	Ea
0205	Driveway Maintenance, Residential	3062001	3.000	Ea
0210	Shld, CI II, 4 inch	3070126	270.000	Syd
0215	Shld, CI II, 8 inch	3070130	3,672.000	Syd
0220	Shld, CI II, 4 inch, Temp	3070181	668.000	Syd
0225	Culv End Sect, 12 inch	4010012	11.000	Ea
0230	Culv End Sect, 18 inch	4010018	7.000	Ea
0235	Culv End Sect, 24 inch	4010024	5.000	Ea
0240	Culv End Sect, 30 inch	4010030	2.000	Ea
0245	Culv End Sect, 36 inch	4010036	2.000	Ea
0250	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0255	Culv End Sect, Conc, 48 inch	4010055	1.000	Ea
0260	Culv End Sect, Footing	4010072	25.000	Ea
0265	Culv, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch	4010813	169.000	Ft
0270	Culv, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch	4010901	31.000	Ft
0275	Culv, Slp End Sect, 1 on 4, 36 inch, Longit	4010929	2.000	Ea
0280	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	5.000	Ea
0285	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Longit	4011059	2.000	Ea
0290	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Transv	4011062	2.000	Ea
0295	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Longit	4011063	1.000	Ea
0300	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 14 inch by 23 inch, Longit	4011079	2.000	Ea
0305	Dr Marker Post	4011109	19.000	Ea
0310	Outfall Label	4011115	5.000	Ea
0315	Sewer, CI A, 12 inch, Tr Det A	4020004	61.000	Ft
0320	Sewer, CI A, 18 inch, Tr Det A	4020006	187.000	Ft
0325	Sewer, CI A, 24 inch, Tr Det A	4020007	49.000	Ft
0330	Sewer, CI A, 36 inch, Tr Det A	4020009	50.000	Ft
0335	Sewer, CI A, 12 inch, Tr Det B	4020033	1,422.000	Ft

0340	Sewer, Cl A, 15 inch, Tr Det B	4020034	16.000	Ft
0345	Sewer, Cl A, 18 inch, Tr Det B	4020035	872.000	Ft
0350	Sewer, Cl A, 24 inch, Tr Det B	4020036	591.000	Ft
0355	Sewer, Cl A, 30 inch, Tr Det B	4020037	45.000	Ft
0360	Sewer, Cl A, 36 inch, Tr Det B	4020038	149.000	Ft
0365	Sewer, Cl A, 48 inch, Tr Det B	4020040	172.000	Ft
0370	Sewer, Cl B, 30 inch, Tr Det B	4020187	50.000	Ft
0375	Sewer, Cl E, 12 inch, Tr Det B	4020600	935.000	Ft
0380	Sewer, Cl E, 18 inch, Tr Det B	4020602	134.000	Ft
0385	Sewer, Cl E, 24 inch, Tr Det B	4020603	131.000	Ft
0390	Sewer, Cl E, 30 inch, Tr Det B	4020604	77.000	Ft
0395	Sewer, Cl E, 36 inch, Tr Det B	4020605	101.000	Ft
0400	Sewer Tap, 6 inch	4021201	28.000	Ea
0405	Sewer Tap, 15 inch	4021205	2.000	Ea
0410	Sewer Tap, 18 inch	4021206	4.000	Ea
0415	Sewer Tap, 24 inch	4021207	3.000	Ea
0420	Video Taping Sewer and Culv Pipe	4021275	4,675.000	Ft
0425	Sewer, Reinf Conc Ellip, HE Cl A, 38 inch by 60 inch, Tr Det A	4021286	49.000	Ft
0430	Sewer, Reinf Conc Ellip, HE Cl A, 34 inch by 53 inch, Tr Det B	4021305	129.000	Ft
0435	Dr Structure Cover, Adj, Case 1, Modified	4030004	157.000	Ea
0440	Dr Structure Cover, Adj, Case 1	4030005	28.000	Ea
0445	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0450	Dr Structure Cover, Type B	4030010	66.000	Ea
0455	Dr Structure Cover, Type C	4030015	4.000	Ea
0460	Dr Structure Cover, Type D	4030025	5.000	Ea
0465	Dr Structure Cover, Type E	4030035	1.000	Ea
0470	Dr Structure Cover, Type G	4030040	15.000	Ea
0475	Dr Structure Cover, Type J	4030045	31.000	Ea
0480	Dr Structure Cover, Type K	4030050	99.000	Ea
0485	Dr Structure Cover, Type Q	4030065	37.000	Ea
0490	Dr Structure Cover, Type R	4030070	14.000	Ea
0495	Dr Structure, 24 inch dia	4030200	29.000	Ea
0500	Dr Structure, 48 inch dia	4030210	42.000	Ea
0505	Dr Structure, 60 inch dia	4030220	18.000	Ea
0510	Dr Structure, 72 inch dia	4030230	2.000	Ea
0515	Dr Structure, 84 inch dia	4030231	1.000	Ea
0520	Dr Structure, 96 inch dia	4030234	2.000	Ea
0525	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	3.000	Ft
0530	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	22.000	Ft
0535	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	5.000	Ft
0540	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	2.000	Ft

0545	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0550	Dr Structure, Tap, 6 inch	4030306	7.000	Ea
0555	Dr Structure, Tap, 12 inch	4030312	13.000	Ea
0560	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0565	_ Polyurethane Foam, Dr Structures, Add Depth	4037001	20.000	Ft
0570	_ Polyurethane Foam, External Void Fill	4037030	50.000	Lb
0575	_ Dr Structure Cover, Type D, Modified	4037050	3.000	Ea
0580	_ Polyurethane Foam, Dr Structures	4037050	2.000	Ea
0585	Underdrain, Fdn, 6 inch	4040033	300.000	Ft
0590	Underdrain, Subbase, 6 inch	4040063	2,385.000	Ft
0595	Underdrain Outlet, 6 inch	4040093	480.000	Ft
0600	Underdrain, Outlet Ending, 6 inch	4040113	11.000	Ea
0605	Video Inspection of Underdrain	4040200	3,165.000	Ft
0610	Cold Milling HMA Surface	5010002	68,724.000	Syd
0615	Bump Grinding	5010004	450.000	Syd
0620	HMA Surface, Rem	5010005	55,752.000	Syd
0625	HMA Quality Initiative	5010007	105,696.000	Dlr
0630	Longit Joint Density Quality Initiative	5010018	207,924.000	Dlr
0635	Pavt Joint and Crack Repr, Det 7	5010020	5,557.000	Ft
0640	Pavt Joint and Crack Repr, Det 8	5010021	5,557.000	Ft
0645	Hand Patching	5010025	2,885.000	Ton
0650	HMA Approach	5010061	9,469.000	Ton
0655	HMA, 3EML	5012013	7,396.000	Ton
0660	HMA, 3EMH	5012014	10,664.000	Ton
0665	HMA, 4EML	5012025	2,793.000	Ton
0670	HMA, 5EML	5012037	17,182.000	Ton
0675	HMA, 5EMH	5012038	2,459.000	Ton
0680	HMA, Temp Pavt (4EML)	5012103	1,892.000	Ton
0685	_ Ride Incentive	5017060	41,128.000	Dlr
0690	Joint, Contraction, Cp	6020200	712.000	Ft
0695	Crack Sealing, Conc Pavt	6030010	6,125.000	Ft
0700	Joint, Contraction, Crg	6030020	3,914.000	Ft
0705	Joint, Expansion, Erg	6030021	502.000	Ft
0710	Joint, Expansion, Esc	6030022	215.000	Ft
0715	Joint, Tied, Trg	6030023	194.000	Ft
0720	Lane Tie, Epoxy Anchored	6030030	1,988.000	Ea
0725	Pavt Repr, Nonreinf Conc, 6 inch	6030040	7.000	Syd
0730	Pavt Repr, Nonreinf Conc, 10 inch	6030048	2,935.000	Syd
0735	Pavt Repr, Rem	6030080	4,999.000	Syd
0740	Saw Cut, Intermediate	6030090	2,320.000	Ft
0745	Resealing Trans Joints with Hot-Poured Rubber	6030100	6,125.000	Ft
0750	Resealing Longit Joints with Hot-Poured Rubber	6030101	12,887.000	Ft
0755	Steel Sheet Piling, Permanent	7040001	8,900.000	Sft
0760	_ Cabinet Equipment, Cellular Modem, Rem	8007050	1.000	Ea
0765	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd

0770	Driveway, Nonreinf Conc, 7 inch	8010006	387.000	Syd
0775	Curb, Conc, Det E1	8020001	75.000	Ft
0780	Curb, Conc, Det E2	8020002	191.000	Ft
0785	Curb and Gutter, Conc, Det B2	8020016	6,039.000	Ft
0790	Curb and Gutter, Conc, Det C6	8020025	282.000	Ft
0795	Curb and Gutter, Conc, Det D2	8020031	381.000	Ft
0800	Curb and Gutter, Conc, Det F1	8020035	28.000	Ft
0805	Curb and Gutter, Conc, Det F4	8020038	1,430.000	Ft
0810	Curb and Gutter, Conc, Det F5	8020039	81.000	Ft
0815	Curb and Gutter, Conc, Det F6	8020040	83.000	Ft
0820	Driveway Opening, Conc, Det M	8020050	937.000	Ft
0825	Shld Gutter, Conc, Det 1	8020055	4.000	Ea
0830	Shld Gutter, Conc, Det 2	8020056	6.000	Ea
0835	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0840	Spillway, Conc	8020075	52.000	Ft
0845	Detectable Warning Surface	8030010	480.000	Ft
0850	Curb Ramp Opening, Conc	8030030	799.000	Ft
0855	Sidewalk, Conc, 4 inch	8030044	24,996.000	Sft
0860	Sidewalk, Conc, 6 inch	8030046	2,847.000	Sft
0865	Curb Ramp, Conc, 6 inch	8032002	4,722.000	Sft
0870	Shared use Path, HMA	8060040	261.000	Ton
0875	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0880	Guardrail Approach Terminal, Type 2M, Temp	8070049	3.000	Ea
0885	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0890	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0895	Guardrail Reflector	8070080	32.000	Ea
0900	Post, Mailbox	8070095	16.000	Ea
0905	Guardrail, Temp, Type MGS-8, 108 inch Post	8072005	100.000	Ft
0910	Guardrail, Curved, Temp, Type B-CRT	8072155	100.000	Ft
0915	Guardrail, Type B, 72 inch Post	8072171	250.000	Ft
0920	Guardrail, Type MGS-8, 72 inch Post	8072179	863.000	Ft
0925	Guardrail, Temp, Type B, 96 inch Post	8072192	35.000	Ft
0930	Fence, Woven Wire with Steel Post	8080002	1,904.000	Ft
0935	Fence, Protective	8080007	2,500.000	Ft
0940	Fence, Chain Link, 48 inch	8080011	500.000	Ft
0945	Fence, Moving	8080120	85.000	Ft
0950	Field Office, CI 2	8090002	12.000	Mo
0955	Field Office, Utility Fees	8090010	5,500.000	Dlr
0960	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
0965	Bridge Sign Connection, Type C, Rem	8100082	1.000	Ea
0970	Cantilever, Rem	8100090	3.000	Ea
0975	Delineator Reflector, Red	8100131	26.000	Ea
0980	Delineator Reflector, Yellow	8100132	17.000	Ea
0985	Delineator Reflector, White	8100134	52.000	Ea
0990	Fdn, Cantilever, Rem	8100190	2.000	Ea

0995	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
1000	Fdn, Entire, Cantilever, Rem	8100230	15.000	Cyd
1005	Fdn, Entire, Truss, Rem	8100240	30.000	Cyd
1010	Fdn, Wood Support, Rem	8100280	47.000	Ea
1015	Installing MDOT Supplied Sign, Type III	8100302	5.000	Ea
1020	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
1025	Delineator, Rem	8100349	100.000	Ea
1030	Post, Rigid, Delineator	8100361	69.000	Ea
1035	Post, Steel, 3 pound	8100371	5,109.000	Ft
1040	Post, Wood, 4 inch by 6 inch	8100380	592.000	Ft
1045	Post, Wood, 6 inch by 8 inch	8100382	420.000	Ft
1050	Sign, Type I, Rem	8100391	12.000	Ea
1055	Sign, Type IA	8100392	142.000	Sft
1060	Sign, Type II, Erect, Salv	8100396	2.000	Ea
1065	Sign, Type II, Rem	8100397	52.000	Ea
1070	Sign, Type IIA	8100398	528.000	Sft
1075	Sign, Type III, Erect, Salv	8100402	33.000	Ea
1080	Sign, Type III, Rem	8100403	274.000	Ea
1085	Sign, Type IIIA	8100404	571.000	Sft
1090	Sign, Type IIIB	8100405	1,271.000	Sft
1095	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1100	Sign, Type VA	8100424	98.000	Sft
1105	Sign, Type VB	8100425	162.000	Sft
1110	Truss, Rem	8100440	1.000	Ea
1115	Reflective Panel for Permanent Sign Support, 3 foot	8100613	61.000	Ea
1120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	71.000	Ea
1125	Sign, Type II, Rem, Salv	8102002	2.000	Ea
1130	Sign, Type III, Rem, Salv	8102003	33.000	Ea
1135	Ground Mtd Sign Support, Rem	8102010	303.000	Ea
1140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	33.000	Ea
1145	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	8.000	Ea
1150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	38.000	Ea
1155	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	6.000	Ea
1160	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
1165	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	300.000	Ft
1170	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	210.000	Ft
1175	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,800.000	Ft
1180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,000.000	Ft
1185	Pavt Mrkg, Waterborne, 6 inch, White	8110233	21,000.000	Ft
1190	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	8,200.000	Ft
1195	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,800.000	Ft
1200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,000.000	Ft
1205	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	21,000.000	Ft
1210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	8,200.000	Ft

1215	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	8,575.000	Ft
1220	Rem Spec Mrkg	8110343	2,235.000	Sft
1225	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	35.000	Ft
1230	Recessing Pavt Mrkg, Longit	8110450	70,520.000	Ft
1235	Recessing Pavt Mrkg, Transv	8110451	7,752.000	Sft
1240	Recessing Pavt Mrkg, Guide Line	8110453	35.000	Ft
1245	Pavt Mrkg, Preformed Thermopl, 6 inch, Crosswalk	8112078	2,890.000	Ft
1250	Pavt Mrkg, Preformed Thermopl, 12 inch, Crosswalk	8112079	1,330.000	Ft
1255	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	1,480.000	Ft
1260	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	1,655.000	Ft
1265	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	27,460.000	Ft
1270	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	2,165.000	Ft
1275	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	43,375.000	Ft
1280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	189.000	Ea
1285	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	189.000	Ea
1290	Pedestrian Type II Barricade, Temp	8120026	80.000	Ea
1295	Pedestrian Type II Channelizer, Temp	8120027	1,100.000	Ft
1300	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	179.000	Ea
1305	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	179.000	Ea
1310	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
1315	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
1320	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	4.000	Ea
1325	Conc Barrier Reflector Replacement	8120070	30.000	Ea
1330	Conc Barrier, Temp, Furn	8120081	1,475.000	Ft
1335	Conc Barrier, Temp, Oper	8120082	1,475.000	Ft
1340	Conc Barrier, Temp, Relocated	8120083	2,600.000	Ft
1345	Tubular Marker	8120097	528.000	Ea
1350	Tubular Marker, Replacement	8120098	60.000	Ea
1355	High Intensity Light, Type B, Furn	8120110	4.000	Ea
1360	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1365	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
1370	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
1375	Ltg for Night Work	8120160	1.000	LSUM
1380	Minor Traf Devices	8120170	1.000	LSUM
1385	Mobile Attenuator	8120180	4.000	Ea
1390	Pavt Mrkg Cover, Type R, Black	8120200	5,000.000	Ft
1395	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	68,570.000	Ft
1400	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	680.000	Ft
1405	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	96,850.000	Ft
1410	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	490.000	Ft
1415	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,730.000	Ft
1420	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,	8120236	53,830.000	Ft

	Yellow, Temp			
1425	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	15,120.000	Ft
1430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	80,840.000	Ft
1435	Plastic Drum, Fluorescent, Furn	8120252	795.000	Ea
1440	Plastic Drum, Fluorescent, Oper	8120253	795.000	Ea
1445	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	2,640.000	Ft
1450	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	740.000	Ft
1455	Sign Cover	8120310	72.000	Ea
1460	Sign Cover, Type I	8120320	6.000	Ea
1465	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
1470	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
1475	Sign, Type A, Temp, Prismatic, Furn	8120340	336.000	Sft
1480	Sign, Type A, Temp, Prismatic, Oper	8120341	336.000	Sft
1485	Sign, Type B, Temp, Prismatic, Furn	8120350	8,052.000	Sft
1490	Sign, Type B, Temp, Prismatic, Oper	8120351	8,052.000	Sft
1495	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,425.000	Sft
1500	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,425.000	Sft
1505	Traf Regulator Control	8120370	1.000	LSUM
1510	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	110,950.000	Ft
1515	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	35,370.000	Ft
1520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	51,150.000	Ft
1525	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	1,540.000	Ft
1530	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	3,630.000	Ft
1535	Temp Rumble Strips (Orange), Stop Condition	8122186	2,640.000	Ft
1540	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	2,600.000	Ft
1545	Pedestrian Path, Temp	8122250	220.000	Ft
1550	Pedestrian Ramp, Temp	8122251	51.000	Ea
1555	Riprap, Plain	8130010	626.000	Syd
1560	Ditch, Plain Cobble	8140005	554.000	Syd
1565	Site Preparation, Max \$52,700.00	8150001	1.000	LSUM
1570	Watering and Cultivating, First Season, Min \$25,600.00	8150002	1.000	LSUM
1575	Watering and Cultivating, 2nd Season, Min \$31,600.00	8150003	1.000	LSUM
1580	Acer ginnala, 1 1/2 inch	8150059	10.000	Ea
1585	Acer rubrum, 2 inch	8150149	12.000	Ea
1590	Acer x freemanii 'Autumn Blaze', 2 inch	8150222	12.000	Ea
1595	Acer x freemanii 'Celebration', 2 inch	8150225	12.000	Ea
1600	Amelanchier x grandifolia 'Robin Hill', 1 1/2 inch	8150333	13.000	Ea

1605	Catalpa speciosa, 2 inch	8150767	10.000	Ea
1610	Celtis occidentalis, 2 inch	8150780	13.000	Ea
1615	Crataegus crusgalli 'Inermis', tree form, 1 1/2 inch	8151130	11.000	Ea
1620	Gymnocladus dioicus, 2 inch	8151676	9.000	Ea
1625	Liriodendron tulipifera, 2 inch	8152177	10.000	Ea
1630	Malus 'Prairie Fire', 1 1/2 inch	8152313	12.000	Ea
1635	Malus 'Snowdrift', 1 1/2 inch	8152328	6.000	Ea
1640	Ostrya virginiana, 2 inch	8152528	13.000	Ea
1645	Picea abies, 5 foot	8152741	19.000	Ea
1650	Picea glauca 'Densata', 4 foot	8152754	17.000	Ea
1655	Picea omorika, 5 foot	8152787	26.000	Ea
1660	Pinus heldreichii, 4 foot	8152814	16.000	Ea
1665	Pinus nigra, 6 foot	8152843	16.000	Ea
1670	Platanus x acerifolia 'Liberty' 2 inch	8152888	14.000	Ea
1675	Quercus bicolor, 2 inch	8153044	13.000	Ea
1680	Quercus imbricaria, 2 inch	8153072	8.000	Ea
1685	Quercus robur, 2 inch	8153113	9.000	Ea
1690	Syringa reticulata 'Ivory Silk', 1 1/2 inch	8153716	12.000	Ea
1695	Thuja occidentalis 'Techny', 6 foot	8153825	60.000	Ea
1700	Tilia americana 'Redmond', 2 inch	8153840	13.000	Ea
1705	Ulmus americana 'Valley Forge', 2 inch	8153912	8.000	Ea
1710	Slope Restoration, Non-Freeway, Type A	8162001	38,881.000	Syd
1715	Slope Restoration, Non-Freeway, Type B	8162002	41,876.000	Syd
1720	Slope Restoration, Non-Freeway, Type C	8162003	6,908.000	Syd
1725	Slope Restoration, Non-Freeway, Type D	8162004	366.000	Syd
1730	Slope Restoration, Non-Freeway, Type E	8162005	11,825.000	Syd
1735	_ Bioretention Seeding	8167011	94.000	Syd
1740	_ Compacted Soil Restoration	8167011	8,138.000	Syd
1745	Power Company (Estimated Cost to Contractor)	8180001	1,665.000	Dlr
1750	Conduit, Rem	8182000	545.000	Ft
1755	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	355.000	Ft
1760	Conduit, Directional Bore, 3, 3 inch	8182039	900.000	Ft
1765	Conduit, DB, 1, 1/2 inch	8182046	390.000	Ft
1770	Conduit, DB, 1, 1 1/2 inch	8182048	910.000	Ft
1775	Conduit, DB, 3, 3 inch	8182056	405.000	Ft
1780	Conduit, DB, 4, 3 inch	8182059	50.000	Ft
1785	Conduit, DB, 1, 1 inch	8182060	60.000	Ft
1790	Cable, Rem	8182196	840.000	Ft
1795	DB Cable, in Conduit, Rem	8182197	155.000	Ft
1800	Cable Pole, TS, Dismant	8182210	2.000	Ea
1805	Cable, Sec, 600V, 1, 3/C#6	8182238	965.000	Ft
1810	Hh, Polymer Conc	8182309	12.000	Ea
1815	Hh, Round	8182310	29.000	Ea
1820	Hh, Round, 3 foot dia	8182319	7.000	Ea
1825	Hh, Rem	8182330	17.000	Ea

1830	Metered Serv	8182338	8.000	Ea
1835	Metered Serv, Rem	8182339	7.000	Ea
1840	Wood Pole, Cl 4, 30 foot	8182349	1.000	Ea
1845	Wood Pole, Cl 4, 40 foot	8182351	8.000	Ea
1850	Wood Pole, Rem	8182363	9.000	Ea
1855	Serv Disconnect	8182366	9.000	Ea
1860	Serv Disconnect, Rem	8182367	5.000	Ea
1865	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
1870	Wood Pole, Fit Up, TS Cable Pole	8182387	3.000	Ea
1875	_ Cable, P.J., 600V, 1, 5/C#16	8187001	350.000	Ft
1880	_ Cable, P.J., 600V, 1, 7/C#16	8187001	240.000	Ft
1885	_ Conduit, DB, 1, 2 inch	8187001	390.000	Ft
1890	_ Conduit, Directional Bore, 1, 2 inch	8187001	175.000	Ft
1895	Case Sign, One Way, 12 inch by 27 inch, Salv	8200006	2.000	Ea
1900	Case Sign, Disappearing Legend, 24 inch by 30 inch	8200015	1.000	Ea
1905	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	20.000	Ea
1910	Case Sign, Rem	8200020	25.000	Ea
1915	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	11.000	Ea
1920	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	9.000	Ea
1925	Controller and Cabinet, Rem	8200030	6.000	Ea
1930	Controller Fdn, Base Mtd	8200045	6.000	Ea
1935	Controller Fdn, Rem	8200046	2.000	Ea
1940	Digital Loop Detector	8200055	1.000	Ea
1945	Fdn, Rem	8200065	11.000	Ea
1950	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
1955	TS, Managed Field Ethernet Switch, Rem	8200087	3.000	Ea
1960	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	6.000	Ea
1965	Pedestal, Alum	8200100	22.000	Ea
1970	Pedestal, Fdn	8200105	24.000	Ea
1975	Pedestal Fdn, Rem	8200106	3.000	Ea
1980	Pedestal, Rem	8200110	3.000	Ea
1985	Pedestal, Underground Serv, Metered	8200111	1.000	Ea
1990	Pedestal, Pushbutton, Alum	8200118	1.000	Ea
1995	Pushbutton and Sign	8200121	26.000	Ea
2000	Pushbutton, Rem	8200122	2.000	Ea
2005	Span Wire	8200140	33.000	Ea
2010	Span Wire, Rem	8200141	22.000	Ea
2015	Span Wire Tether	8200142	25.000	Ea
2020	Steel Pole, Rem	8200145	11.000	Ea
2025	Traf Loop	8200170	15.000	Ea
2030	Loop Detector, Rem	8200173	1.000	Ea
2035	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
2040	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
2045	TS, Span Wire Mtd, Rem	8200182	94.000	Ea
2050	Cabinet, NEMA Type	8200186	7.000	Ea

2055	TS, One Way Span Wire Mtd, Salv	8200191	2.000	Ea
2060	TS, Two Way Span Wire Mtd, Salv	8200201	4.000	Ea
2065	Warning Sign	8200260	4.000	Ea
2070	Warning Sign, Rem	8200261	2.000	Ea
2075	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	2.000	Ea
2080	TS, One Way Span Wire Mtd (LED)	8200313	108.000	Ea
2085	TS, Two Way Span Wire Mtd (LED)	8200322	6.000	Ea
2090	TS, Four Way Span Wire Mtd (LED)	8200327	1.000	Ea
2095	TS, 4th Level, LTGA (LED)	8200329	6.000	Ea
2100	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	5.000	Ea
2105	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	24.000	Ea
2110	Bracket, Truss, with 18 foot Arm	8200378	16.000	Ea
2115	Video Traf Detection System	8200380	2.000	Ea
2120	Video Traf Detection Camera	8200381	6.000	Ea
2125	Video Traf Detection System, Rem	8200383	1.000	Ea
2130	Video Traf Detection Camera, Rem	8200384	4.000	Ea
2135	Bracket, Truss, Salv	8200385	4.000	Ea
2140	Bracket, Truss, Rem	8200388	15.000	Ea
2145	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
2150	Wireless Vehicle Sensor Node, Rem	8200426	8.000	Ea
2155	Video Traf Detection System, Salv	8200441	1.000	Ea
2160	Video Traf Detection Camera, Salv	8200442	10.000	Ea
2165	Hemispherical Video Detection Camera	8200444	3.000	Ea
2170	Hemispherical Video Detection System	8200445	3.000	Ea
2175	Hemispherical Video Detection Camera, Rem	8200446	1.000	Ea
2180	Hemispherical Video Detection System, Rem	8200447	1.000	Ea
2185	TS Head, Adj	8200452	84.000	Ea
2190	TS Face, Bag	8200458	38.000	Ea
2195	TS Face, Bag, Rem	8200459	36.000	Ea
2200	Strain Pole, Steel, 6 bolt, 30 foot	8200460	16.000	Ea
2205	Strain Pole, Steel, 6 bolt, 36 foot	8200461	11.000	Ea
2210	Strain Pole Fdn, 6 Bolt	8200470	382.000	Ft
2215	Casing	8200480	287.000	Ft
2220	Cellular Modem, TS, 4th G	8200498	6.000	Ea
2225	Backplate, TS	8200501	56.000	Ea
2230	Multi-Sensor Vehicle Detection System	8200532	1.000	Ea
2235	Multi-Sensor Vehicle Detection System, Rem	8200533	2.000	Ea
2240	Multi-Sensor Vehicle Detection System, Salv	8200534	2.000	Ea
2245	Multi-Sensor Vehicle Detection Sensor	8200535	4.000	Ea
2250	Multi-Sensor Vehicle Detection Sensor, Rem	8200536	4.000	Ea
2255	Multi-Sensor Vehicle Detection Sensor, Salv	8200537	6.000	Ea
2260	_ Controller, NEMA, ATC Type	8207050	7.000	Ea
2265	Monument Box	8210001	2.000	Ea

2270	Monument Preservation	8210010	2.000	Ea
2275	Protect Corners	8210020	1.000	Ea
2280	Gate Box, Adj, Case 1	8230431	36.000	Ea
2285	Contractor Staking	8240001	1.000	LSUM
2290	Staking Plan Errors and Extras, Max \$180/hour	8240002	232.000	Hr
2295	Sanitary Structure Cover, Type Q	8252098	7.000	Ea
2300	Sanitary Structure Cover, Adj, Case 2	8252146	1.000	Ea
2305	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
2310	Lightning Protection, Pole	8260021	6.000	Ea

Section: 2

2315	Structures, Rem (S01-3 of 11101)	2040060	1.000	LSUM
2320	Structures, Rem (S01-4 of 11101)	2040060	1.000	LSUM
2325	Structure Demolition Plan, Complex (S01-3 of 11101)	2040064	1.000	LSUM
2330	Structure Demolition Plan, Complex (S01-4 of 11101)	2040064	1.000	LSUM
2335	Excavation, Fdn	2060010	820.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 230707 030**Letting Date:** July 7, 2023**Contract ID:** 60012-211185

Description: 0.91 mi of hot mix asphalt fine textured cold milling and single course, sidewalk ramps and pavement markings on M-32 from Parland Street east to Jerome Street and on M-33 from M-32 north to Gerber Road, Montmorency County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211185A	23A0624	N/A	NH 60012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$44,500.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	155.000	Ft
0015	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0020	Sidewalk, Rem	2040055	107.000	Syd
0025	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0035	Approach, CI II	3070021	15.000	Ton
0040	_ Shld, CI II, Modified	3077031	25.000	Ton
0045	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0050	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0055	HMA Surface, Rem	5010005	54.000	Syd
0060	HMA Quality Initiative	5010007	5,040.000	Dlr
0065	Longit Joint Density Quality Initiative	5010018	16,505.000	Dlr
0070	Hand Patching	5010025	21.000	Ton
0075	HMA Approach	5010061	306.000	Ton
0080	Fine Texture Pavt Milling	5010102	26,861.000	Syd
0085	HMA, 5EML	5012037	2,193.000	Ton
0090	Lane Tie, Epoxy Anchored	6030030	18.000	Ea
0095	Curb and Gutter, Conc, Det C6	8020025	28.000	Ft
0100	Detectable Warning Surface	8030010	61.000	Ft
0105	Curb Ramp Opening, Conc	8030030	127.000	Ft
0110	Curb Ramp, Conc, 6 inch	8032002	958.000	Sft
0115	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0125	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	456.000	Ft
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	45.000	Ft
0135	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	9,200.000	Ft

0140	Pavt Mrkg, Regular Dry, 6 inch, Yellow	8110128	6,609.000	Ft
0145	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	9,200.000	Ft
0150	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, Yellow	8110136	6,609.000	Ft
0155	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0160	Recessing Pavt Mrkg, Transv	8110451	603.000	Sft
0165	Protective Ovly, Snowmobile Trail Crossing	8110550	78.000	Syd
0170	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0185	Minor Traf Devices	8120170	1.000	LSUM
0190	Mobile Attenuator	8120180	1.000	Ea
0195	Sign Cover	8120310	5.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	952.000	Sft
0205	Sign, Type B, Temp, Prismatic, Oper	8120351	952.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	860.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	6,609.000	Ft
0225	_ Automated Flagger Assistance Device	8127050	2.000	Ea
0230	Slope Restoration, Non-Freeway, Type A	8162001	41.000	Syd
0235	Hh, Adj	8182328	2.000	Ea
0240	Monument Box	8210001	2.000	Ea
0245	Monument Preservation	8210010	2.000	Ea
0250	Gate Box, Adj, Case 1	8230431	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 031**Letting Date:** July 7, 2023**Contract ID:** 19011-208768

Description: 2.96 mi of hot mix asphalt cold milling and resurfacing, concrete curb and curb ramp upgrades and pavement markings on M-100 from Main Street to Grand River Avenue in city of Grand Ledge, Eaton and Clinton Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208768A	22A1083	N/A	ST 23072

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 \$108,300.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	381.000	Ft
0020	Gutter, Rem	2040040	82.000	Ft
0025	Pavt, Rem	2040050	71.000	Syd
0030	Sidewalk, Rem	2040055	160.000	Syd
0035	Excavation, Earth	2050016	25.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0045	Erosion Control, Silt Fence	2080036	453.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0055	Aggregate Base, 4 inch	3020010	219.000	Syd
0060	Aggregate Base, Conditioning	3020050	46.000	Syd
0065	Shld, CI II	3070121	355.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0075	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0080	Dr Structure, Cleaning	4030290	1.000	Ea
0085	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0090	Pavt, Cleaning	5010001	1.000	LSUM
0095	Cold Milling HMA Surface	5010002	65,128.000	Syd
0100	HMA Surface, Rem	5010005	55.000	Syd
0105	HMA Quality Initiative	5010007	11,082.000	Dlr
0110	Longit Joint Density Quality Initiative	5010018	18,648.000	Dlr
0115	Hand Patching	5010025	17.000	Ton
0120	HMA Approach	5010061	250.000	Ton
0125	HMA, 5EML	5012037	4,911.000	Ton
0130	HMA, 5EML, High Stress	5012085	363.000	Ton
0135	Driveway, Nonreinf Conc, 8 inch	8010007	46.000	Syd

0140	Curb and Gutter, Conc, Det C3	8020022	67.000	Ft
0145	Curb and Gutter, Conc, Det F4	8020038	35.000	Ft
0150	Driveway Opening, Conc, Det M	8020050	82.000	Ft
0155	Detectable Warning Surface	8030010	161.000	Ft
0160	Curb Ramp Opening, Conc	8030030	279.000	Ft
0165	Sidewalk, Conc, 4 inch	8030044	862.000	Sft
0170	Sidewalk, Clay Brick Pavers, Rem	8030051	488.000	Sft
0175	Curb Ramp, Conc, 6 inch	8032002	592.000	Sft
0180	_ Curb Ramp, Conc, 6 inch, Decorative	8037010	495.000	Sft
0185	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0195	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0205	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	45.000	Ft
0210	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	704.000	Ft
0215	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	228.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	26,745.000	Ft
0225	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,825.000	Ft
0230	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0235	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0240	Recessing Pavt Mrkg, Longit	8110450	45,629.000	Ft
0245	Recessing Pavt Mrkg, Transv	8110451	228.000	Sft
0250	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	25,915.000	Ft
0255	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	17,825.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0270	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0275	Pedestrian Type II Channelizer, Temp	8120027	25.000	Ft
0280	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0285	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0295	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0305	Mobile Attenuator	8120180	2.000	Ea
0310	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	300.000	Ft
0315	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	50.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,200.000	Ft
0325	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,100.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	200.000	Ft
0335	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	600.000	Ea
0340	Sign Cover	8120310	8.000	Ea

0345	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0350	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0355	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0365	Traf Regulator Control	8120370	1.000	LSUM
0370	_ Turf Establishment, Performance	8167011	216.000	Syd
0375	Monument Preservation	8210010	2.000	Ea
0380	Centerline Corrugations, Milled, HMA	8220013	8,700.000	Ft
0385	Contractor Staking	8240001	1.000	LSUM
0390	Staking Plan Errors and Extras, Max \$180/hour	8240002	14.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230707 032**Letting Date:** July 7, 2023**Contract ID:** 63051-214051**Description:** Traffic signal modernization and sidewalk ramp upgrades on M-1 at Forest Avenue and Brown Street in the city of Birmingham, Oakland County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214051A	N/A	N/A	M 63051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Curb Ramp Layout	1047051	1.000	LSUM
0010	Mobilization, Max \$49,100.00	1100001	1.000	LSUM
0015	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0020	Dr Structure, Rem	2030011	1.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	13.000	Ft
0030	_ Monitoring Well, Adjust	2037050	1.000	Ea
0035	Curb and Gutter, Rem	2040020	204.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0045	Pavt, Rem	2040050	67.000	Syd
0050	Sidewalk, Rem	2040055	268.000	Syd
0055	Exploratory Investigation, Vertical	2040080	75.000	Ft
0060	Embankment, CIP	2050010	28.000	Cyd
0065	Excavation, Earth	2050016	76.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0080	Erosion Control, Silt Fence	2080036	100.000	Ft
0085	Aggregate Base, 6 inch	3020016	428.000	Syd
0090	Dr Structure Cover, Adj, Case 1, Modified	4030004	4.000	Ea
0095	Dr Structure, 24 inch dia	4030200	1.000	Ea
0100	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0105	Lane Tie, Epoxy Anchored	6030030	135.000	Ea
0110	Pavt Repr, Nonreinf Conc, 9 inch	6030046	5.000	Syd
0115	_ Maintaining Water Sprinkler System	8007050	1.000	Ea
0120	_ Roadside Unit, Rem	8007050	1.000	Ea
0125	Curb and Gutter, Conc, Det F3	8020037	122.000	Ft
0130	Curb Ramp Opening, Conc	8030030	133.000	Ft
0135	Sidewalk, Conc, 6 inch	8030046	1,423.000	Sft

0140	Curb Ramp, Conc, 6 inch	8032002	1,757.000	Sft
0145	_ Detectable Warning Surface, Metal	8037001	89.000	Ft
0150	Post, Steel, 3 pound	8100371	60.000	Ft
0155	Sign, Type III, Rem	8100403	3.000	Ea
0160	Sign, Type IIIB	8100405	22.000	Sft
0165	Ground Mtd Sign Support, Rem	8102010	2.000	Ea
0170	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	744.000	Ft
0175	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	57.000	Ft
0180	Rem Spec Mrkg	8110343	720.000	Sft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0195	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0200	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0205	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0230	Sign Cover	8120310	10.000	Ea
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	1,398.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,398.000	Sft
0245	Pedestrian Path, Temp	8122250	50.000	Ft
0250	Pedestrian Ramp, Temp	8122251	6.000	Ea
0255	_ Horticultural Work	8157040	25.000	Hr
0260	_ Turf Establishment, Performance	8167011	309.000	Syd
0265	Power Company (Estimated Cost to Contractor)	8180001	500.000	Dlr
0270	Conduit, Rem	8182000	75.000	Ft
0275	Conduit, Directional Bore, 1, 3 inch	8182035	470.000	Ft
0280	Conduit, Directional Bore, 2, 3 inch	8182037	85.000	Ft
0285	Conduit, DB, 1, 1 1/2 inch	8182048	245.000	Ft
0290	Conduit, DB, 2, 3 inch	8182053	20.000	Ft
0295	Conduit, DB, 3, 3 inch	8182056	75.000	Ft
0300	Conduit, DB, 1, 1 inch	8182060	40.000	Ft
0305	Cable, Sec, Rem	8182199	175.000	Ft
0310	Cable, Sec, 600V, 1, 3/C#6	8182238	480.000	Ft
0315	Hh, Polymer Conc	8182309	4.000	Ea
0320	Hh, Round	8182310	7.000	Ea
0325	Hh, Round, 3 foot dia	8182319	3.000	Ea
0330	Wood Pole, Rem	8182363	3.000	Ea
0335	Serv Disconnect	8182366	1.000	Ea
0340	Serv Disconnect, Rem	8182367	1.000	Ea
0345	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
0350	Case Sign, Rem	8200020	1.000	Ea

0355	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0360	Controller and Cabinet, Rem	8200030	1.000	Ea
0365	Global Positioning System Module	8200050	2.000	Ea
0370	Global Positioning System Module, Rem	8200053	1.000	Ea
0375	Fdn, Rem	8200065	2.000	Ea
0380	Pedestal, Alum	8200100	11.000	Ea
0385	Pedestal, Fdn	8200105	12.000	Ea
0390	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
0395	Push Button Station and Sign	8200128	12.000	Ea
0400	Span Wire, Rem	8200141	4.000	Ea
0405	Steel Pole, Rem	8200145	2.000	Ea
0410	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0415	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0420	Cabinet, NEMA Type	8200186	2.000	Ea
0425	Pedestrian Signal System, Accessible	8200240	2.000	Ea
0430	Warning Sign, Rem	8200261	2.000	Ea
0435	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0440	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	11.000	Ea
0445	TS, One Way Mast Arm Mtd (LED)	8200359	12.000	Ea
0450	Bracket, Truss, with 18 foot Arm	8200378	1.000	Ea
0455	Bracket, Truss, Rem	8200388	2.000	Ea
0460	Hemispherical Video Detection Camera	8200444	1.000	Ea
0465	Hemispherical Video Detection System	8200445	1.000	Ea
0470	Casing	8200480	32.000	Ft
0475	Backplate, TS	8200501	12.000	Ea
0480	Mast Arm Pole Fdn, 6 Bolt	8202034	43.000	Ft
0485	_ Controller, NEMA, ATC Type	8207050	2.000	Ea
0490	_ Mast Arm Pole, Cat I, Anchor Base, County Furn	8207050	3.000	Ea
0495	_ Mast Arm, 25 foot, Cat I, County Furn	8207050	1.000	Ea
0500	_ Mast Arm, 30 foot, Cat I, County Furn	8207050	1.000	Ea
0505	_ Mast Arm, 40 foot, Cat I, County Furn	8207050	2.000	Ea
0510	_ Mast Arm, 50 foot, Cat I, County Furn	8207050	1.000	Ea
0515	_ Pedestal Painting	8207050	11.000	Ea
0520	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0525	Contractor Staking	8240001	1.000	LSUM
0530	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr
0535	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0540	Lightning Protection, Pole	8260021	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 033**Letting Date:** July 7, 2023**Contract ID:** 23063-218978**Description:** Full depth concrete pavement repairs on SB I-69 from Vermontville Hwy to I-96 in the city of Pottersville, Eaton County**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218978A	N/A	N/A	N/A 23063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$87,000.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	4,540.000	Syd
0015	Project Cleanup	2090001	1.000	LSUM
0020	Aggregate Base, LM	3020002	253.000	Cyd
0025	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	4,540.000	Syd
0030	Joint, Contraction, Cp	6020200	3,024.000	Ft
0035	Cement	6030005	70.000	Ton
0040	Joint, Contraction, Crg	6030020	5,002.000	Ft
0045	Lane Tie, Epoxy Anchored	6030030	2,194.000	Ea
0050	Non-Chloride Accelerator	6030035	1,493.000	Gal
0055	Pavt Repr, Nonreinf Conc, 10 inch	6030048	2,072.000	Syd
0060	Pavt Repr, Rem	6030080	2,072.000	Syd
0065	Saw Cut, Intermediate	6030090	1,212.000	Ft
0070	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	6,055.000	Ft
0075	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	430.000	Ft
0080	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	5,424.000	Ft
0085	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 12 inch, White	8112131	430.000	Ft
0090	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, Yellow	8112133	631.000	Ft
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
0105	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0115	Minor Traf Devices	8120170	1.000	LSUM
0120	Mobile Attenuator	8120180	1.000	Ea
0125	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea

0130	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0135	Sign Cover	8120310	4.000	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	1,200.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,680.000	Ft



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 034**Letting Date:** July 7, 2023**Contract ID:** 58151-218829**Description:** 12.18 mi of full depth concrete repair on I-75 from South Otter Creek to Monroe/Wayne County line in the city of Monroe, Monroe County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218829A	N/A	N/A	M 58151

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$90,800.00	1100001	1.000	LSUM
0010	Joint, Contraction, Cp	6020200	1,853.000	Ft
0015	Cement	6030005	73.000	Ton
0020	Joint, Contraction, Crg	6030020	14,470.000	Ft
0025	Lane Tie, Epoxy Anchored	6030030	440.000	Ea
0030	Non-Chloride Accelerator	6030035	3,051.000	Gal
0035	Pavt Repr, Nonreinf Conc, 12 inch	6030052	2,537.000	Syd
0040	Pavt Repr, Nonreinf Conc, 13 inch	6030053	1,882.000	Syd
0045	Pavt Repr, Rem	6030080	4,419.000	Syd
0050	Saw Cut, Intermediate	6030090	2,109.000	Ft
0055	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0065	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0075	Ltg for Night Work	8120160	1.000	LSUM
0080	Minor Traf Devices	8120170	1.000	LSUM
0085	Mobile Attenuator	8120180	2.000	Ea
0090	Plastic Drum, Fluorescent, Furn	8120252	762.000	Ea
0095	Plastic Drum, Fluorescent, Oper	8120253	762.000	Ea
0100	Sign Cover	8120310	8.000	Ea
0105	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0110	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	980.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	980.000	Sft
0125	Speed Radar Trailer, Temp	8122028	2.000	Ea
0130	Temp Rumble Strips (Orange), Advance of a Work	8122187	2,040.000	Ft

	Zone			
0135	_ Traf Speed Sensor, Portable, Temp	8127050	3.000	Ea
0140	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0145	Contractor Staking	8240001	1.000	LSUM
0150	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230707 035**Letting Date:** July 7, 2023**Contract ID:** 73011-218824**Description:** 4.00 mi of hot mix asphalt shoulder and trenching on M-30 from M-46 to South County Line Road, Saginaw and Gratiot Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218824A	23A0641	N/A	ST 73011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Mid-Michigan Railroad	1027060	5,000.000	Dlr
0010	Mobilization, Max \$98,000.00	1100001	1.000	LSUM
0015	Erosion Control, Silt Fence	2080036	300.000	Ft
0020	Aggregate Base, 9 inch	3020022	23,500.000	Syd
0025	_ Shld, CI II, Modified	3027031	1,000.000	Ton
0030	Trenching	3070200	420.000	Sta
0035	HMA Quality Initiative	5010007	7,000.000	Dlr
0040	HMA, 5EML	5012037	3,500.000	Ton
0045	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	88.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0055	Pavt Mrkg, Waterborne, 6 inch, White	8110233	40,200.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	11,000.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	40,200.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	11,000.000	Ft
0075	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0085	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0090	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0095	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,000.000	Ft
0115	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,000.000	Ft
0120	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0125	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea

0130	Sign Cover	8120310	6.000	Ea
0135	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0140	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0155	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 036**Letting Date:** July 7, 2023**Contract ID:** 47041-218153**Description:** 0.10 mi of guardrail replacement on M-36 from northeast of Barton Road to west of Pingree Road, Livingston County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218153A	N/A	N/A	M 47041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$7,100.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	675.000	Ft
0015	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0020	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0025	Guardrail, Curved, Type B-CRT	8072154	11.000	Ft
0030	Guardrail, Type MGS-8, 108 inch Post	8072180	600.000	Ft
0035	_ Guardrail Long Span, Detail MGS-2, Modified	8077050	2.000	Ea
0040	Delineator Reflector, Green	8100133	4.000	Ea
0045	Delineator, Rem	8100349	7.000	Ea
0050	Post, Rigid, Delineator	8100361	4.000	Ea
0055	_ Enhanced Delineation, Unidirectional, Guardrail, Channel Mtd	8107001	16.000	Ft
0060	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	16.000	Ea
0065	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	16.000	Ea
0070	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0075	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0080	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Mobile Attenuator	8120180	1.000	Ea
0095	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0100	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0105	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0115	Traf Regulator Control	8120370	1.000	LSUM
0120	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0125	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 037**Letting Date:** July 7, 2023**Contract ID:** 81062-218861**Description:** High load hit repair, partial superstructure replacement, guardrail work and pavement markings on Liberty Street over I-94 in the city of Ann Arbor, Washtenaw County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218861A	N/A	N/A	MER 81062

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$106,300.00	1100001	1.000	LSUM
0010	Conc Barrier, Rem	2040010	100.000	Ft
0015	Granular Material, CI II	2050023	6.000	Cyd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0025	Erosion Control, Silt Fence	2080036	200.000	Ft
0030	Sidewalk, Conc, 4 inch	8030044	45.000	Sft
0035	Conc Barrier, Double Face, Type A	8040005	60.000	Ft
0040	Conc Barrier, Split, Type A	8040010	40.000	Ft
0045	Guardrail Anch, Bridge, Det T5	8070026	2.000	Ea
0050	Guardrail, Reconst, Type T	8070109	325.000	Ft
0055	Bridge Sign Connection, Steel, Type A1	8100060	2.000	Ea
0060	Installing MDOT Supplied Sign, Type II	8100301	2.000	Ea
0065	Sign, Type II, Rem	8100397	2.000	Ea
0070	Ground Mtd Sign Support, Rem	8102010	1.000	Ea
0075	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	820.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	820.000	Ft
0085	Pavt Mrkg, Waterborne, 4 inch, White	8110231	240.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	240.000	Ft
0095	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	240.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	240.000	Ft
0105	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	200.000	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	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0125	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0130	Conc Barrier, Temp, Furn	8120081	1,220.000	Ft

0135	Conc Barrier, Temp, Oper	8120082	1,220.000	Ft
0140	High Intensity Light, Type B, Furn	8120110	6.000	Ea
0145	High Intensity Light, Type B, Oper	8120111	6.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0155	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0160	Ltg for Night Work	8120160	1.000	LSUM
0165	Minor Traf Devices	8120170	1.000	LSUM
0170	Mobile Attenuator	8120180	2.000	Ea
0175	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,580.000	Ft
0180	Plastic Drum, Fluorescent, Furn	8120252	210.000	Ea
0185	Plastic Drum, Fluorescent, Oper	8120253	210.000	Ea
0190	PTS System, Temp, Furn	8120270	2.000	Ea
0195	PTS System, Temp, Oper	8120271	2.000	Ea
0200	Sign Cover	8120310	12.000	Ea
0205	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0210	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0225	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	312.000	Sft
0230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	312.000	Sft
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	910.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	660.000	Ft
0245	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	48.000	Ft
0250	Speed Radar Trailer, Temp	8122028	2.000	Ea
0255	Contractor Staking	8240001	1.000	LSUM
0260	Staking Plan Errors and Extras, Max \$180/hour	8240002	11.000	Hr

Section: 2

0265	Bridge Ltg, Furn and Rem (S02 of 81062)	7060001	1.000	LSUM
0270	Bridge Ltg, Oper and Maintain	7060002	47.000	Cyd
0275	Conc, Low Temperature Protection	7060020	54.000	Cyd
0280	Expansion Joint Device	7060050	14.000	Ft
0285	Reinforcement, Steel, Epoxy Coated	7060092	16,201.000	Lb
0290	Substructure Conc	7060100	6.000	Cyd
0295	Superstructure Conc, Form, Finish, and Cure (S02 of 81062)	7060111	1.000	LSUM
0300	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 81062)	7060112	1.000	LSUM
0305	Superstructure Conc, High Performance	7060116	1.000	Cyd
0310	Superstructure Conc, Night Casting, High Performance	7060117	47.000	Cyd
0315	Bearing, Elastomeric, 1 inch	7070012	264.000	Sin
0320	Bearing, Elastomeric, 1 1/4 inch	7070013	264.000	Sin

0325	Bearing, Elastomeric, 1 1/2 inch	7070014	660.000	Sin
0330	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	169.000	Lb
0335	Steel Diaphragm, Prest Conc Beam, Erect	7070054	169.000	Lb
0340	Structural Steel, Rolled Shape, Erect	7070070	111.000	Lb
0345	Structural Steel, Rolled Shape, Furn and Fab	7070071	111.000	Lb
0350	Prest Conc Box Beam, Furn, 21 inch	7080061	198.000	Ft
0355	Prest Conc Box Beam, Erect, 21 inch	7080062	198.000	Ft
0360	Bridge Barrier Railing, Type 6, High Performance	7110017	202.000	Ft
0365	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	30.000	Ea
0370	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	36.000	Ea
0375	Bolt, Adhesive Anchored, 7/8 inch	7120043	8.000	Ea
0380	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0385	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
0390	Reinforcement, Mechanical Splice	7120084	588.000	Ea
0395	Embedded Galvanic Anode	7120120	102.000	Ea
0400	_ Salvaging Temporary Barrier (S02 of 81062)	8127051	1.000	LSUM
0405	Riprap, Grouted	8130001	13.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230707 038**Letting Date:** July 7, 2023**Contract ID:** 39000-206259

Description: 1.65 mi of hot mix asphalt surfacing, concrete curb, gutter and sidewalk ramps, watermain, sanitary sewer and pavement markings on Westnedge Avenue from Vine Street to Cork Street 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
206259A	23A0594	N/A	ST 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$700,000.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	36.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	1,484.000	Ft
0020	_ Gate Valve, Abandon	2037050	128.000	Ea
0025	Curb and Gutter, Rem	2040020	6,556.000	Ft
0030	Sidewalk, Rem	2040055	2,319.000	Syd
0035	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	_ Pavt, Rem, Modified	2047011	20,663.000	Syd
0045	_ Gate Valve, Rem	2047050	5.000	Ea
0050	_ Station Grading	2057002	90.000	Sta
0055	_ Non Haz Contaminated Material Handling and Disposal, Modified	2057021	1,150.000	Cyd
0060	_ Subgrade Undercut and Refill	2057021	100.000	Cyd
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	141.000	Ea
0070	_ Aggregate Base, 6 inch, Modified	3027011	93.000	Syd
0075	_ Aggregate Base, 8 inch, Modified	3027011	6,108.000	Syd
0080	_ Aggregate Base, LM, Modified	3027021	700.000	Cyd
0085	_ Aggregate Base, 4 inch, Modified	3067011	1,112.000	Syd
0090	_ Maintenance Gravel	3067031	500.000	Ton
0095	Sewer, Cl E, 12 inch, Tr Det B	4020600	1,759.000	Ft
0100	Sewer, Cl E, 15 inch, Tr Det B	4020601	95.000	Ft
0105	Sewer, Cl E, 18 inch, Tr Det B	4020602	411.000	Ft
0110	Sewer, Cl E, 24 inch, Tr Det B	4020603	138.000	Ft
0115	_ Dewatering System, Trench, Modified	4027001	150.000	Ft
0120	_ Dewatering Treatment System, Mobilization	4027051	1.000	LSUM
0125	_ Dewatering Treatment System, Operation and Monitoring	4027051	1.000	LSUM
0130	Dr Structure Cover, Adj, Case 1	4030005	32.000	Ea

0135	Dr Structure Cover, Type K	4030050	31.000	Ea
0140	Dr Structure, 24 inch dia	4030200	27.000	Ea
0145	Dr Structure, 48 inch dia	4030210	16.000	Ea
0150	Dr Structure, 60 inch dia	4030220	2.000	Ea
0155	Dr Structure, 72 inch dia	4030230	1.000	Ea
0160	Dr Structure, Adj, Add Depth	4030280	66.000	Ft
0165	Dr Structure, Tap, 12 inch	4030312	24.000	Ea
0170	_ Dr Str Cover, Adj, Type 1, Modified	4037050	114.000	Ea
0175	_ Dr Str Cover, Type Q, Modified	4037050	99.000	Ea
0180	_ Dr Structure, 36 inch	4037050	1.000	Ea
0185	_ Gate Box, Adjust, Case 1, Modified	4037050	5.000	Ea
0190	_ Gate Valve Box, Top Section, Modified	4037050	5.000	Ea
0195	Cold Milling HMA Surface	5010002	28,112.000	Syd
0200	Hand Patching	5010025	267.000	Ton
0205	HMA, 3EMH	5012014	2,561.000	Ton
0210	HMA, 4EMH	5012026	5,990.000	Ton
0215	Conc Base Cse, Nonreinf, 8 inch	6020019	10,922.000	Syd
0220	Conc Base Cse, Nonreinf, 10 inch	6020023	2,150.000	Syd
0225	Steel Sheet Piling, Temp	7040002	3,960.000	Sft
0230	Hand Chipping, Other Than Deck	7120007	25.000	Cft
0235	Patch, Forming	7120017	50.000	Sft
0240	Patching Conc, C-L	7120112	1.000	Cyd
0245	Embedded Galvanic Anode	7120120	12.000	Ea
0250	_ Culvert Pointing	7127001	55.000	Ft
0255	Driveway, Nonreinf Conc, 6 inch	8010005	330.000	Syd
0260	Driveway, Nonreinf Conc, 8 inch	8010007	139.000	Syd
0265	Curb and Gutter, Conc, Det F4	8020038	5,737.000	Ft
0270	Driveway Opening, Conc, Det M	8020050	110.000	Ft
0275	Detectable Warning Surface	8030010	500.000	Ft
0280	Curb Ramp Opening, Conc	8030030	699.000	Ft
0285	Sidewalk, Conc, 4 inch	8030044	11,077.000	Sft
0290	Sidewalk, Conc, 6 inch	8030046	450.000	Sft
0295	Sidewalk, Conc, 8 inch	8030048	350.000	Sft
0300	Curb Ramp, Conc, 6 inch	8032002	9,396.000	Sft
0305	Post, Steel, 3 pound	8100371	70.000	Ft
0310	Sign, Type III, Rem	8100403	5.000	Ea
0315	Sign, Type IIIB	8100405	50.000	Sft
0320	_ Salvage and Erect Street Sign	8107050	19.000	Ea
0325	Pavt Mrkg, Polyurea, 4 inch, White	8110091	4,250.000	Ft
0330	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	6,600.000	Ft
0335	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	10.000	Ea
0340	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	900.000	Ft
0345	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,635.000	Ft
0350	Pavt Mrkg, Polyurea, 12 inch, White	8110111	125.000	Ft
0355	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	400.000	Ft

0360	Pavt Mrkg, Polyurea, Sharrow Sym	8110115	6.000	Ea
0365	Rem Curing Compound, for Spec Mrkg	8110321	50.000	Sft
0370	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0375	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0380	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0385	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0390	Recessing Pavt Mrkg, Longit	8110450	19,375.000	Ft
0395	Recessing Pavt Mrkg, Transv	8110451	1,362.000	Sft
0400	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	10.000	Ea
0405	_ Pavt Mrkg, Polyurea, 12 inch, Yellow, Curb Painting	8117001	50.000	Ft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	75.000	Ea
0415	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	75.000	Ea
0420	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0425	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,000.000	Ea
0430	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,000.000	Ea
0435	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0440	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0445	Ltg for Night Work	8120160	1.000	LSUM
0450	Minor Traf Devices	8120170	1.000	LSUM
0455	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	16,000.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0465	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,760.000	Ft
0470	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0475	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0480	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	2,000.000	Ft
0485	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	150.000	Ft
0490	Sign Cover	8120310	25.000	Ea
0495	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0500	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0505	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0510	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0515	Sign, Type B, Temp, Prismatic, Furn	8120350	2,420.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	2,420.000	Sft
0525	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,640.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,640.000	Sft
0535	Traf Regulator Control	8120370	1.000	LSUM
0540	Pedestrian Path, Temp	8122250	50.000	Ft
0545	Pedestrian Ramp, Temp	8122251	5.000	Ea
0550	_ Surface Restoration	8157011	5,145.000	Syd
0555	Power Company (Estimated Cost to Contractor)	8180001	5,000.000	Dlr
0560	Conduit, DB, 1, 1 1/2 inch	8182048	235.000	Ft

0565	Conduit, DB, 1, 3 inch	8182050	145.000	Ft
0570	Conduit, DB, 2, 3 inch	8182053	155.000	Ft
0575	Conduit, DB, 4, 3 inch	8182059	30.000	Ft
0580	Cable, Sec, Rem	8182199	75.000	Ft
0585	Cable, Sec, 600V, 1, 3/C#6	8182238	340.000	Ft
0590	Hh, Round	8182310	6.000	Ea
0595	Hh, Round, 3 foot dia	8182319	2.000	Ea
0600	Serv Disconnect	8182366	3.000	Ea
0605	Serv Disconnect, Rem	8182367	3.000	Ea
0610	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
0615	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
0620	Wood Pole, Fit Up, TS Cable Pole	8182387	5.000	Ea
0625	Case Sign, Rem	8200020	3.000	Ea
0630	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	3.000	Ea
0635	Controller and Cabinet, Rem	8200030	3.000	Ea
0640	Controller Fdn, Base Mtd	8200045	3.000	Ea
0645	Controller Fdn, Rem	8200046	1.000	Ea
0650	Pedestal, Alum	8200100	3.000	Ea
0655	Pedestal, Fdn	8200105	14.000	Ea
0660	Pedestal, Rem	8200110	3.000	Ea
0665	Pedestal, Pushbutton, Alum	8200118	13.000	Ea
0670	Pushbutton, Rem	8200122	4.000	Ea
0675	Push Button Station and Sign	8200128	24.000	Ea
0680	Span Wire	8200140	3.000	Ea
0685	Span Wire, Rem	8200141	3.000	Ea
0690	Span Wire Tether	8200142	3.000	Ea
0695	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	9.000	Ea
0700	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0705	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0710	TS, One Way Span Wire Mtd (LED)	8200313	5.000	Ea
0715	TS, Two Way Span Wire Mtd (LED)	8200322	3.000	Ea
0720	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
0725	TS, Four Way Span Wire Mtd (LED)	8200327	2.000	Ea
0730	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	9.000	Ea
0735	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0740	Bracket, Truss, with 18 foot Arm	8200378	4.000	Ea
0745	Video Traf Detection System, Rem	8200383	1.000	Ea
0750	Video Traf Detection Camera, Rem	8200384	2.000	Ea
0755	Bracket, Truss, Rem	8200388	2.000	Ea
0760	Wireless Intercn, Closed Loop, Rem	8200396	2.000	Ea
0765	TS Face, Bag	8200458	30.000	Ea
0770	TS Face, Bag, Rem	8200459	30.000	Ea
0775	Backplate, TS	8200501	22.000	Ea

0780	_ Controller Cabinet, Modified	8207050	3.000	Ea
0785	_ Controller, ATC Type, Classic	8207050	3.000	Ea
0790	_ Ethernet Switch with SFPs	8207050	3.000	Ea
0795	_ Fiber Optic, Hardware Assembly, Small, Modified	8207050	3.000	Ea
0800	_ Fiber Optic, Pig Tail, Modified	8207050	96.000	Ea
0805	_ Modular Video Detection System	8207050	3.000	Ea
0810	Monument Box	8210001	2.000	Ea
0815	Monument Box Adj	8210005	2.000	Ea
0820	Monument Preservation	8210010	2.000	Ea
0825	_ Copper Water Service Pipe, 1-1/4 inch	8237001	3,977.000	Ft
0830	_ Copper Water Service Pipe, 2 inch	8237001	400.000	Ft
0835	_ Encase Service Pipe in HDPE or Polyethylene	8237001	2,355.000	Ft
0840	_ Polyethylene Encasement	8237001	2,553.000	Ft
0845	_ Steel Casing Pipe, 36 inch, Jacked in Place, Modified	8237001	120.000	Ft
0850	_ Water Main, Abandon, Less than 24 inch	8237001	550.000	Ft
0855	_ Water Main, DI 12 inch, Tr Det G, Modified	8237001	180.000	Ft
0860	_ Water Main, DI 16 inch, Tr Det G, Modified	8237001	8,562.000	Ft
0865	_ Water Main, DI 20 inch, Tr Det G, Modified	8237001	73.000	Ft
0870	_ Water Main, DI 24 inch, in Casing	8237001	140.000	Ft
0875	_ Water Main, DI 24 inch, Tr Det G, Modified	8237001	238.000	Ft
0880	_ Water Main, DI 6 inch, Tr Det G, Modified	8237001	1,169.000	Ft
0885	_ Water Main, DI 8 inch, Tr Det G, Modified	8237001	1,043.000	Ft
0890	_ Water Main. DI 10 inch, Tr Det G, Modified	8237001	10.000	Ft
0895	_ Water Main. DI 4 inch, Tr Det G, Modified	8237001	134.000	Ft
0900	_ Insulation Board, 2 inch	8237010	300.000	Sft
0905	_ Air Release Valve	8237050	2.000	Ea
0910	_ Butterfly Valve and Box, 12 inch, Modified	8237050	4.000	Ea
0915	_ Butterfly Valve and Box, 16 inch, Modified	8237050	48.000	Ea
0920	_ Butterfly Valve and Box, 20 inch, Modified	8237050	3.000	Ea
0925	_ Butterfly Valve and Box, 24 inch, Modified	8237050	3.000	Ea
0930	_ Curb Stop, 1-1/4 inch	8237050	125.000	Ea
0935	_ Curb Stop, 2 inch	8237050	12.000	Ea
0940	_ Fire Hydrant, Modified	8237050	32.000	Ea
0945	_ Gate Valve and Box, 10 inch, Modified	8237050	1.000	Ea
0950	_ Gate Valve and Box, 4 inch, Modified	8237050	3.000	Ea
0955	_ Gate Valve and Box, 6 inch, Modified	8237050	6.000	Ea
0960	_ Gate Valve and Box, 8 inch, Modified	8237050	27.000	Ea
0965	_ Hydrant, Rem, Modified	8237050	34.000	Ea
0970	_ Meter Box	8237050	5.000	Ea
0975	_ Reduce Service to 3/4 inch	8237050	94.000	Ea
0980	_ Valve Box	8237050	5.000	Ea
0985	_ Water Main Line Stop, 16 inch, Modified	8237050	2.000	Ea
0990	_ Water Main, 10 inch, Cut and Plug, Modified	8237050	1.000	Ea
0995	_ Water Main, 12 inch, Cut and Plug, Modified	8237050	5.000	Ea

1000	_ Water Main, 20 inch, Cut and Plug, Modified	8237050	1.000	Ea
1005	_ Water Main, 4 inch, Cut and Plug, Modified	8237050	3.000	Ea
1010	_ Water Main, 6 inch, Cut and Plug, Modified	8237050	23.000	Ea
1015	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	9.000	Ea
1020	_ Water Main, Connect to Existing, 10 inch	8237050	1.000	Ea
1025	_ Water Main, Connect to Existing, 12 inch	8237050	5.000	Ea
1030	_ Water Main, Connect to Existing, 16 inch	8237050	1.000	Ea
1035	_ Water Main, Connect to Existing, 20 inch	8237050	3.000	Ea
1040	_ Water Main, Connect to Existing, 24 inch	8237050	2.000	Ea
1045	_ Water Main, Connect to Existing, 8 inch	8237050	9.000	Ea
1050	_ Water Main, Connect to Existing, 6 inch or less	8237050	25.000	Ea
1055	_ Water Main, Line Stop, 10 inch, Modified	8237050	1.000	Ea
1060	_ Water Main, Line Stop, 12 inch, Modified	8237050	5.000	Ea
1065	_ Water Main, Line Stop, 20 inch, Modified	8237050	2.000	Ea
1070	_ Water Main, Line Stop, 4 inch, Modified	8237050	8.000	Ea
1075	_ Water Main, Line Stop, 6 inch, Modified	8237050	20.000	Ea
1080	_ Water Main, Line Stop, 8 inch, Modified	8237050	9.000	Ea
1085	_ Water Service, 1 1/4 inch	8237050	120.000	Ea
1090	_ Water Service, 2 inch	8237050	9.000	Ea
1095	Sanitary Sewer, PVC, 8 inch, Tr Det B2	8252037	10.000	Ft
1100	Sanitary Sewer, PVC, 10 inch, Tr Det B2	8252038	225.000	Ft
1105	Sanitary Structure, 48 inch dia	8252072	2.000	Ea
1110	Sanitary Structure, Tap, 10 inch	8252112	4.000	Ea
1115	_ Sanitary Sewer Lead Conflict, 4 inch, Modified	8257001	500.000	Ft
1120	_ Sanitary Sewer Lead Conflict, 6 inch, Modified	8257001	500.000	Ft
1125	_ Sanitary Sewer Lead Conflict, 8 inch, Modified	8257001	50.000	Ft
1130	_ Sanitary Sewer Bypass Pumping	8257051	1.000	LSUM
1135	_ Water Main Fittings, Modified	8267030	51,157.000	Lb
1140	_ Non Haz Contaminated Material Disposal	8507003	1,200.000	Mi



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 039**Letting Date:** July 7, 2023**Contract ID:** 58000-216665

Description: 3.61 mi of hot mix asphalt widening and resurfacing, aggregate shoulders and pavement markings on South Huron River Drive from US-24 and the south village limits of Rockwood and Stewart Road from North Raisinville Road to Bluebush Road, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216665A	23A0598	N/A	STU 58000
218432A	23A0601	N/A	STUL 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$68,700.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	392.000	Ft
0015	_ Guardrail Post, Culv, Rem	2047050	12.000	Ea
0020	Shld, CI II	3070121	910.000	Ton
0025	Trenching	3070200	20.000	Sta
0030	Pavt for Butt Joints, Rem	5010008	1,141.000	Syd
0035	HMA Approach	5010061	106.000	Ton
0040	HMA, 4EL	5012024	270.000	Ton
0045	HMA, 5EL	5012036	1,810.000	Ton
0050	HMA, 5EML	5012037	2,710.000	Ton
0055	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0060	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0065	Guardrail Reflector	8070080	36.000	Ea
0070	Guardrail, Long Span, Det MGS-2	8072122	4.000	Ea
0075	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	38.000	Ft
0080	Guardrail, Type MGS-8, 72 inch Post	8072179	200.000	Ft
0085	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	15.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	38,100.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,700.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	38,100.000	Ft
0105	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,700.000	Ft
0110	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	70.000	Ea

0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	70.000	Ea
0135	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0140	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,580.000	Ft
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	1,117.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,117.000	Sft
0165	Traf Regulator Control	8120370	1.000	LSUM
0170	Wireless Vehicle Sensor Node	8200425	3.000	Ea
0175	Wireless Vehicle Sensor Node, Rem	8200426	3.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 040**Letting Date:** July 7, 2023**Contract ID:** 41000-205671**Description:** 1.00 mi of hot mix asphalt reconstruction and pavement markings on 84th Street from East Paris Avenue easterly to Patterson Avenue, Kent County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205671A	23A0607	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$149,300.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	4.000	Sta
0015	Tree, Rem, 19 inch to 36 inch	2020002	6.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	4.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	8.000	Ea
0030	Stump, Rem, 19 inch to 36 inch	2020006	7.000	Ea
0035	Stump, Rem, 37 inch or Larger	2020007	4.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0045	Culv, Rem, Less than 24 inch	2030001	23.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0055	Curb and Gutter, Rem	2040020	250.000	Ft
0060	Fence, Rem	2040025	138.000	Ft
0065	Exploratory Investigation, Vertical	2040080	50.000	Ft
0070	Embankment, CIP	2050010	855.000	Cyd
0075	Excavation, Earth	2050016	22,676.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0085	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0090	_ Project Cleanup, Modified	2097051	1.000	LSUM
0095	Subbase, CIP	3010002	14,610.000	Cyd
0100	_ Aggregate Base, Modified	3027021	3,182.000	Cyd
0105	Approach, CI II, CIP	3070022	200.000	Cyd
0110	Shld, CI II, CIP	3070122	1,808.000	Cyd
0115	Culv End Sect, Conc, 12 inch	4010047	28.000	Ea
0120	Culv End Sect, Conc, 15 inch	4010048	10.000	Ea
0125	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0130	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0135	Culv End Sect, Conc, 42 inch	4010054	1.000	Ea
0140	Culv, CI B, Conc, 12 inch	4010267	188.000	Ft

0145	Culv, CI B, Conc, 15 inch	4010268	56.000	Ft
0150	Culv, CI B, Conc, 18 inch	4010269	42.000	Ft
0155	Culv, CI B, Conc, 24 inch	4010270	16.000	Ft
0160	Culv, CI B, Conc, 42 inch	4010273	6.000	Ft
0165	_ Sewer, CL A, Perforated SLCPP W/Sock, 12 inch, TR Det B, Modified	4027001	391.000	Ft
0170	Dr Structure Cover, Type G	4030040	1.000	Ea
0175	Dr Structure, 24 inch dia	4030200	1.000	Ea
0180	Dr Structure, 48 inch dia	4030210	1.000	Ea
0185	_ Dr Structure Cover, Modified	4037050	1.000	Ea
0190	_ Underdrain, Subbase, 6 inch, Modified	4047001	1,274.000	Ft
0195	Cold Milling HMA Surface	5010002	440.000	Syd
0200	HMA Surface, Rem	5010005	13,970.000	Syd
0205	HMA Approach	5010061	140.000	Ton
0210	HMA, 3EML	5012013	4,175.000	Ton
0215	HMA, 5EML	5012037	1,865.000	Ton
0220	_ HMA Spillway	5017001	160.000	Ft
0225	Curb and Gutter, Conc, Det B2	8020016	185.000	Ft
0230	_ Driveway Opening, Conc, Det M, Modified	8027001	111.000	Ft
0235	Post, Mailbox	8070095	20.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,437.000	Ft
0245	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,296.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0275	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0290	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0295	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	380.000	Sft
0305	Sign, Type B, Temp, Prismatic, Oper	8120351	380.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	22.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	22.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0325	Riprap, Plain	8130010	220.000	Syd
0330	Mulch Blanket	8160027	10,000.000	Syd
0335	Topsoil Surface, Furn, 4 inch	8160062	22,545.000	Syd
0340	_ Roadside Seeding	8167011	23,500.000	Syd
0345	Monument Box	8210001	1.000	Ea
0350	Monument Preservation	8210010	1.000	Ea

0355	Protect Corners	8210020	1.000	Ea
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Schedule of Pay Items

Report v1

Letting Call: 230707 041**Letting Date:** July 7, 2023**Contract ID:** 18000-206058

Description: 0.27 mi of construction of a roundabout including hot mix asphalt paving, drainage, signing and pavement markings on Old State Road and Surrey Road, Clare County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206058A	23A0609	N/A	STL 18000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$105,300.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0020	Embankment, CIP	2050010	552.000	Cyd
0025	Excavation, Earth	2050016	6,612.000	Cyd
0030	Erosion Control, Check Dam, Stone	2080012	35.000	Ft
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0040	Erosion Control, Silt Fence	2080036	2,632.000	Ft
0045	Project Cleanup	2090001	1.000	LSUM
0050	Subbase, CIP	3010002	4,873.000	Cyd
0055	_ Aggregate Base, 8 inch, Modified	3027011	6,294.000	Syd
0060	Approach, CI I, 6 inch	3070008	53.000	Syd
0065	Approach, CI II, 4 inch	3070026	169.000	Syd
0070	Shld, CI II	3070121	68.000	Ton
0075	Geotextile, Separator	3080005	6,677.000	Syd
0080	Culv End Sect, 12 inch	4010012	5.000	Ea
0085	Culv End Sect, 15 inch	4010015	1.000	Ea
0090	Culv End Sect, 24 inch	4010024	2.000	Ea
0095	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0100	Culv, CI A, 24 inch	4010134	76.000	Ft
0105	Culv, CI E, 24 inch	4010542	43.000	Ft
0110	Culv, CI F, 12 inch	4010607	51.000	Ft
0115	Sewer, CI A, 12 inch, Tr Det B	4020033	35.000	Ft
0120	Sewer, CI A, 15 inch, Tr Det B	4020034	155.000	Ft
0125	Video Taping Sewer and Culv Pipe	4021275	266.000	Ft
0130	Dr Structure, 24 inch dia	4030200	2.000	Ea
0135	_ Dr Structure Cover, Modified	4037050	2.000	Ea

0140	Underdrain, Subbase, 6 inch	4040063	2,154.000	Ft
0145	Underdrain Outlet, 6 inch	4040093	242.000	Ft
0150	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0155	HMA Surface, Rem	5010005	4,092.000	Syd
0160	HMA Approach	5010061	11.000	Ton
0165	HMA, 3EL	5012012	517.000	Ton
0170	HMA, 4EL	5012024	517.000	Ton
0175	Conc Pavt, Nonreinf, 9 inch	6020106	2,227.000	Syd
0180	Joint, Contraction, Cp, Intersection	6020250	2,062.000	Ft
0185	Joint, Expansion, E2, Intersection	6020270	348.000	Ft
0190	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	373.000	Syd
0195	Curb, Conc, Det E1	8020001	51.000	Ft
0200	Curb and Gutter, Conc, Det B1	8020015	1,131.000	Ft
0205	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0210	Shld Gutter, Conc, Det 3	8020057	6.000	Ea
0215	Spillway, Conc	8020075	32.000	Ft
0220	_ Curb and Gutter, Conc, Det B1, Modified	8027001	1,081.000	Ft
0225	_ Curb and Gutter, Conc, Det D1, Modified	8027001	158.000	Ft
0230	Post, Mailbox	8070095	3.000	Ea
0235	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
0240	Post, Steel, 3 pound	8100371	408.000	Ft
0245	Sign, Type II, Rem	8100397	8.000	Ea
0250	Sign, Type IIB	8100399	54.000	Sft
0255	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0260	Sign, Type III, Rem	8100403	12.000	Ea
0265	Sign, Type IIIA	8100404	36.000	Sft
0270	Sign, Type IIIB	8100405	79.000	Sft
0275	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0280	Reflective Panel for Permanent Sign Support, 6 foot	8100616	20.000	Ea
0285	Sign, Type III, Rem, Salv	8102003	4.000	Ea
0290	Ground Mtd Sign Support, Rem	8102010	27.000	Ea
0295	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,086.000	Ft
0300	Pavt Mrkg, Polyurea, 6 inch, White	8110094	2,688.000	Ft
0305	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	1,165.000	Ft
0310	Pavt Mrkg, Polyurea, Yield	8110103	4.000	Ea
0315	Pavt Mrkg, Polyurea, 12 inch, White	8110111	109.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0325	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0330	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0335	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0345	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0350	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea

0355	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0365	Sign, Type B, Temp, Prismatic, Furn	8120350	364.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	364.000	Sft
0375	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	263.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	263.000	Sft
0385	Riprap, Plain	8130010	30.000	Syd
0390	Thuja occidentalis 'Emerald', 6 foot	8153811	6.000	Ea
0395	Mulch Blanket	8160027	219.000	Syd
0400	_ Slope Restoration, Modified	8167011	5,454.000	Syd
0405	Flsh Beacon, Solar Power	8200071	4.000	Ea
0410	Flsh Beacon, Solar Power, Rem	8200072	4.000	Ea
0415	_ TS, Rem	8207051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 042**Letting Date:** July 7, 2023**Contract ID:** 71000-205327

Description: 3.04 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders and pavement markings on County Road 451 from east of E Hawks Highway to Noffze Highway, from north of Ristow Highway north to Wenzel Highway and County Road 451 at W Hawks Highway, Presque Isle County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205327A	23A0574	N/A	STL 71000
205333A	22A0755	N/A	STL 71000
214642A	23A0572	N/A	HSIP 71000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$114,650.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0020	Curb and Gutter, Rem	2040020	163.000	Ft
0025	Pavt, Rem	2040050	166.000	Syd
0030	Ditch Cleanout	2050006	20.000	Sta
0035	Berm Grading	2050008	315.000	Sta
0040	Embankment, LM	2050011	450.000	Cyd
0045	Excavation, Earth	2050016	860.000	Cyd
0050	Erosion Control, Silt Fence	2080036	280.000	Ft
0055	Aggregate Base, Conditioning	3020050	1,001.000	Syd
0060	_ Aggregate Base, Modified	3027031	11,619.000	Ton
0065	_ HMA Base Crushing and Shaping, Spec	3057011	42,122.000	Syd
0070	Maintenance Gravel	3060020	115.000	Ton
0075	Approach, CI II	3070021	430.000	Ton
0080	Shld, CI II	3070121	5,253.000	Ton
0085	Culv, CI E, 18 inch	4010541	60.000	Ft
0090	Culv, CI F, 15 inch	4010608	176.000	Ft
0095	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0100	Culv End Sect 24 inch, Grate	4012024	2.000	Ea
0105	Culv End Sect 36 inch, Grate	4012026	2.000	Ea
0110	_ Culv, CI A, CSP, 24 inch, Polymer Coated	4017001	62.000	Ft
0115	_ Culv, CI A, CSP, 30 inch, Polymer Coated	4017001	64.000	Ft
0120	_ Culv, CI A, CSP, 36 inch, Polymer Coated	4017001	128.000	Ft
0125	_ Culv End Sect 30 inch, Grate	4017050	1.000	Ea

0130	Video Taping Sewer and Culv Pipe	4021275	314.000	Ft
0135	HMA Surface, Rem	5010005	3,774.000	Syd
0140	Hand Patching	5010025	60.000	Ton
0145	HMA, 3C	5010031	4,929.000	Ton
0150	HMA, 4C	5010032	4,807.000	Ton
0155	HMA Approach	5010061	563.000	Ton
0160	Conc Pavt, Nonreinf, 9 inch	6020106	20.000	Syd
0165	Curb and Gutter, Conc, Det B2	8020016	244.000	Ft
0170	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0175	Post, Mailbox	8070095	19.000	Ea
0180	Post, Steel, 3 pound	8100371	600.000	Ft
0185	Sign, Type IIIB	8100405	120.000	Sft
0190	Reflective Panel for Permanent Sign Support, 6 foot	8100616	29.000	Ea
0195	_ Sign, Type IIIA, Modified	8107010	64.000	Sft
0200	_ Sign, Type III, Rem, Modified	8107050	41.000	Ea
0205	Pavt Mrkg, Polyurea, 4 inch, White	8110091	3,140.000	Ft
0210	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,468.000	Ft
0215	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	28,880.000	Ft
0220	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	15,737.000	Ft
0225	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	15,737.000	Ft
0230	Recessing Pavt Mrkg, Longit	8110450	22,307.000	Ft
0235	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0245	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	415.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	415.000	Ea
0255	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0265	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,180.000	Ft
0275	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	2,180.000	Ft
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	1,816.000	Sft
0285	Sign, Type B, Temp, Prismatic, Oper	8120351	1,816.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0295	_ Riprap, Plain, Modified	8137011	76.000	Syd
0300	_ Slope Restoration	8167011	4,530.000	Syd
0305	Monument Box	8210001	2.000	Ea
0310	Monument Preservation	8210010	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 043**Letting Date:** July 7, 2023**Contract ID:** 17000-215465**Description:** 85.00 mi of countywide pavement markings on various routes, Chippewa County. This is a local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215465A	23A0596	N/A	STL 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$26,300.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	702.000	Ft
0015	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,992,791.000	Ft
0020	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	1,227,855.000	Ft
0025	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0030	Pavt Mrkg, Polyurea, Railroad Sym	8110411	14.000	Ea
0035	Minor Traf Devices	8120170	1.000	LSUM
0040	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 044**Letting Date:** July 7, 2023**Contract ID:** 56031-213738**Description:** Installation of dual stop and stop ahead signs on countywide at 127 intersections, Midland County.
This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213738A	23A0564	N/A	HSIP 56031

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	Post, Steel, 3 pound	8100371	15,308.000	Ft
0015	Sign, Type III, Erect, Salv	8100402	135.000	Ea
0020	Sign, Type III, Rem	8100403	334.000	Ea
0025	Sign, Type IIIA	8100404	2,758.000	Sft
0030	Sign, Type IIIB	8100405	2,393.000	Sft
0035	Reflective Panel for Permanent Sign Support, 3 foot	8100613	236.000	Ea
0040	Reflective Panel for Permanent Sign Support, 6 foot	8100616	772.000	Ea
0045	Sign, Type III, Rem, Salv	8102003	135.000	Ea
0050	Ground Mtd Sign Support, Rem	8102010	381.000	Ea
0055	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0060	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0075	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 230707 045**Letting Date:** July 7, 2023**Contract ID:** 38000-218479**Description:** 0.25 mi of hot mix asphalt reconstruction and pavement markings on North Street from Wisner Street to West Avenue in the city of Jackson, Jackson County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218479A	23A0604	N/A	STUL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$46,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	118.000	Ft
0015	Sidewalk, Rem	2040055	37.000	Syd
0020	Exploratory Investigation, Vertical	2040080	50.000	Ft
0025	_ Pavt Sawcut	2047001	55.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0035	_ Roadway Grading, Special	2057002	14.000	Sta
0040	_ Subgrade Undercutting, 1 x 3	2057021	100.000	Cyd
0045	_ Erosion Control, Inlet Protection, Grate Filter, Rectangular	2087050	17.000	Ea
0050	Project Cleanup	2090001	1.000	LSUM
0055	Aggregate Base, Conditioning	3020050	6,134.000	Syd
0060	_ Aggregate Base, 4 inch, 21AA, Modified	3027011	218.000	Syd
0065	_ Catch Basin Cover, ADA	4037050	1.000	Ea
0070	_ Catch Basin Cover, Curb	4037050	2.000	Ea
0075	_ Utility Structure Cover, Adj, Case 1, Modified	4037050	15.000	Ea
0080	_ Utility Structure, Temp Lowering, Modified	4037050	12.000	Ea
0085	HMA Approach	5010061	600.000	Ton
0090	HMA, 4EML	5012025	992.000	Ton
0095	HMA, 5EML	5012037	496.000	Ton
0100	_ HMA Surface, Rem, Modified	5017011	6,134.000	Syd
0105	_ Curb and Gutter, Conc, Det F4, Modified	8027001	66.000	Ft
0110	Detectable Warning Surface	8030010	39.000	Ft
0115	Curb Ramp Opening, Conc	8030030	52.000	Ft
0120	Sidewalk, Conc, 4 inch	8030044	1,361.000	Sft
0125	Curb Ramp, Conc, 4 inch	8032001	590.000	Sft
0130	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	464.000	Ft
0135	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	143.000	Ft

0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	7.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0155	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0160	Pavt Mrkg, Polyurea, 4 inch, White	8110091	847.000	Ft
0165	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,723.000	Ft
0170	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,326.000	Ft
0175	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0185	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0205	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	170.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,200.000	Ft
0225	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,200.000	Ft
0230	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0235	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	464.000	Ft
0245	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	108.000	Ft
0250	Sign Cover	8120310	5.000	Ea
0255	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft
0265	Traf Regulator Control	8120370	1.000	LSUM
0270	_ Turf Establishment, Performance	8167011	363.000	Syd
0275	_ Gate Box, Adj, Case 1, Modified	8237050	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230707 046

Letting Date: July 7, 2023

Contract ID: 82000-215644

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, signing and pavement markings on Pennsylvania Road from Beech-Daly Road easterly to 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
215644A	23A0603	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$111,400.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	51.000	Syd
0015	_ Culvert Cleanout	2047001	191.000	Ft
0020	_ Pavt Repr, Remove, Patching	2047011	973.000	Syd
0025	_ Misc Obstruction, Rem	2047021	14.000	Cyd
0030	Excavation, Earth	2050016	170.000	Cyd
0035	_ Ditch Cleanout, Modified	2057002	16.000	Sta
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0045	Erosion Control, Maintenance, Sediment Rem	2080026	3.000	Cyd
0050	Erosion Control, Silt Fence	2080036	18.000	Ft
0055	Project Cleanup	2090001	1.000	LSUM
0060	_ Aggregate Base, 6 inch, Modified	3027011	753.000	Syd
0065	_ Aggregate Base, 9 inch, Modified	3027011	64.000	Syd
0070	_ Shld, Cl I, 2 inch, Modified	3077011	1,300.000	Syd
0075	Geotextile, Stabilization	3080010	550.000	Syd
0080	_ Dr Structure Reconstruct	4037001	4.000	Ft
0085	_ Dr Structure Cover, Adj	4037050	6.000	Ea
0090	_ Dr Structure Cover, Adj, Furn Cover S	4037050	1.000	Ea
0095	Cold Milling HMA Surface	5010002	20,838.000	Syd
0100	_ Bit Mixture for Patching, Temp	5017031	10.000	Ton
0105	_ Conditioning Existing Pavement	5017031	372.000	Ton
0110	_ Misc HMA Approach	5017031	105.000	Ton
0115	_ Misc HMA, 4EMH	5017031	2,655.000	Ton
0120	_ Misc HMA, 5EMH	5017031	1,805.000	Ton
0125	_ Misc HMA, Wedge	5017031	99.000	Ton
0130	Joint, Contraction, Cp	6020200	515.000	Ft
0135	Joint, Expansion, E2	6020207	58.000	Ft

0140	Joint, Expansion, E3	6020208	56.000	Ft
0145	Pavt Gapping	6020215	28.000	Ft
0150	_ Cold Weather Protection, Conc Pavt	6027011	1,037.000	Syd
0155	_ Conc Pavt, Nonreinf, ISC-3, 7 inch	6027011	64.000	Syd
0160	_ Pavt Repr, Nonreinf Conc, Patching	6037011	973.000	Syd
0165	_ Conc Curb Cap	8027001	120.000	Ft
0170	_ Conc Curb Cap, Patching	8027001	300.000	Ft
0175	_ Field Office	8097043	3.000	Mo
0180	_ Sign, Type B, Perm	8107010	318.000	Sft
0185	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	700.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	80.000	Ft
0195	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0205	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0210	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	11,000.000	Ft
0215	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	15,200.000	Ft
0220	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	500.000	Ft
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	52.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	52.000	Ea
0235	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0245	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, Fluorescent, Furn	8120252	450.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	450.000	Ea
0260	Sign Cover	8120310	8.000	Ea
0265	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0270	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	722.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	722.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	156.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	156.000	Sft
0295	Traf Regulator Control	8120370	1.000	LSUM
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	11,000.000	Ft
0305	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	12,000.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	11,000.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	12,000.000	Ft
0320	Mulch	8160025	2,250.000	Syd
0325	Mulch Blanket	8160027	2,250.000	Syd
0330	Topsoil Surface, Furn, 3 inch	8160061	2,250.000	Syd
0335	Water, Sodding/Seeding	8160090	80.000	Unit

0340	_ Seeding, Mixture THM, Modified	8167011	2,250.000	Syd
0345	_ Turf Grading	8167011	2,250.000	Syd
0350	Monument Box Adj	8210005	1.000	Ea
0355	Monument Preservation	8210010	1.000	Ea
0360	Protect Corners	8210020	1.000	Ea
0365	Staking Plan Errors and Extras, Max \$180/hour	8240002	40.000	Hr
0370	_ Contractor Staking, Modified	8247051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 047**Letting Date:** July 7, 2023**Contract ID:** 82000-214242**Description:** Traffic signal modernization on Beech Daly Road at Five Mile Road and Chicago Road and Middle Belt Road at Beverly Road, Wayne County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214242A	23A0561	N/A	HSIP 82000
214243A	23A0562	N/A	HSIP 82000
214245A	23A0549	N/A	HSIP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$91,000.00	1100001	1.000	LSUM
0010	_ Monitoring Well, Adj	2037050	1.000	Ea
0015	Curb and Gutter, Rem	2040020	400.000	Ft
0020	Sidewalk, Rem	2040055	434.000	Syd
0025	Exploratory Investigation, Vertical	2040080	80.000	Ft
0030	Excavation, Earth	2050016	23.000	Cyd
0035	Non Haz Contaminated Material Handling and Disposal, LM	2050031	37.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0045	Erosion Control, Silt Fence	2080036	45.000	Ft
0050	_ Misc Aggregate Base, CIP	3027021	71.000	Cyd
0055	Maintenance Gravel	3060020	15.000	Ton
0060	_ Dr Structure Cover, Adj	4037050	8.000	Ea
0065	_ Cold Weather Protection, Conc Pavt	6027011	567.000	Syd
0070	Lane Tie, Epoxy Anchored	6030030	284.000	Ea
0075	Curb and Gutter, Conc, Det F5	8020039	143.000	Ft
0080	Detectable Warning Surface	8030010	163.000	Ft
0085	Curb Ramp Opening, Conc	8030030	260.000	Ft
0090	Curb Ramp, Conc, 6 inch	8032002	3,317.000	Sft
0095	_ Sidewalk, Conc, 6 inch, Decorative	8037010	572.000	Sft
0100	Sign, Type III, Rem	8100403	4.000	Ea
0105	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,487.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	384.000	Ft
0115	Rem Spec Mrkg	8110343	1,290.000	Sft
0120	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	6.000	Ea

0130	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0145	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,050.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	1,050.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0165	_ Horticultural Work	8157040	10.000	Hr
0170	_ Trash Receptacle, Rem, Salv, Reinstall	8157050	2.000	Ea
0175	Mulch Blanket	8160027	361.000	Syd
0180	Topsoil Surface, Furn, 3 inch	8160061	361.000	Syd
0185	Water, Sodding/Seeding	8160090	4.000	Unit
0190	_ Seeding, Mixture THM, Modified	8167011	361.000	Syd
0195	Conduit, DB, 1, 1 1/2 inch	8182048	340.000	Ft
0200	Conduit, DB, 1, 3 inch	8182050	20.000	Ft
0205	Conduit, DB, 3, 3 inch	8182056	90.000	Ft
0210	Conduit, DB, 4, 3 inch	8182059	15.000	Ft
0215	Cable, Sec, Rem	8182199	100.000	Ft
0220	Cable Pole, TS, Dismant	8182210	5.000	Ea
0225	Cable, Sec, 600V, 1, 3/C#6	8182238	195.000	Ft
0230	Hh, Round	8182310	9.000	Ea
0235	Hh, Round, 3 foot dia	8182319	3.000	Ea
0240	Hh, Rem	8182330	4.000	Ea
0245	Wood Pole, Rem	8182363	3.000	Ea
0250	Serv Disconnect	8182366	3.000	Ea
0255	Serv Disconnect, Rem	8182367	1.000	Ea
0260	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0265	Case Sign, Rem	8200020	3.000	Ea
0270	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0275	Controller and Cabinet, Rem	8200030	3.000	Ea
0280	Controller Fdn, Base Mtd	8200045	3.000	Ea
0285	Global Positioning System Module	8200050	3.000	Ea
0290	Pedestal, Alum	8200100	1.000	Ea
0295	Pedestal, Fdn	8200105	15.000	Ea
0300	Pedestal Fdn, Rem	8200106	4.000	Ea
0305	Pedestal, Rem	8200110	4.000	Ea
0310	Pushbutton and Sign	8200121	24.000	Ea
0315	Pushbutton, Pedestal, Alum	8200123	14.000	Ea
0320	Span Wire	8200140	12.000	Ea
0325	Span Wire, Rem	8200141	3.000	Ea
0330	Span Wire Tether	8200142	12.000	Ea
0335	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0340	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0345	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
0350	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea

0355	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0360	Cabinet, NEMA Type	8200186	3.000	Ea
0365	TS, One Way Span Wire Mtd (LED)	8200313	24.000	Ea
0370	TS, One Way Span Wire Mtd, FYA (LED)	8200314	8.000	Ea
0375	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	11.000	Ea
0380	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0385	Bracket, Truss, with 9 foot Arm	8200375	1.000	Ea
0390	Bracket, Truss, with 12 foot Arm	8200376	2.000	Ea
0395	Bracket, Truss, with 18 foot Arm	8200378	9.000	Ea
0400	Video Traf Detection System	8200380	3.000	Ea
0405	Video Traf Detection Camera	8200381	12.000	Ea
0410	Junction Box, Span Wire	8200456	12.000	Ea
0415	Junction Box, Rem	8200457	3.000	Ea
0420	Strain Pole, Steel, 6 bolt, 30 foot	8200460	12.000	Ea
0425	Strain Pole Fdn, 6 Bolt	8200470	191.000	Ft
0430	Casing	8200480	149.000	Ft
0435	Backplate, TS	8200501	32.000	Ea
0440	_ Controller, NEMA, ATC Type, Modified	8207050	3.000	Ea
0445	_ St Name Sign, Two Way, LED, 8 foot	8207050	6.000	Ea
0450	_ Street Name Sign Bracket Arm, 10 Foot	8207050	6.000	Ea
0455	Monument Box Adj	8210005	1.000	Ea
0460	Monument Preservation	8210010	1.000	Ea
0465	Protect Corners	8210020	6.000	Ea
0470	Gate Box, Adj, Case 1	8230431	3.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230707 048**Letting Date:** July 7, 2023**Contract ID:** 38000-209883-2

Description: Bridge reconstruction including removal and replacement with a culvert precast concrete box and approach work on South Jackson Road over the Grand River, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209883A	23A0266	N/A	BRT 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$180,800.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	494.000	Ft
0015	Embankment, CIP	2050010	757.000	Cyd
0020	Excavation, Earth	2050016	958.000	Cyd
0025	Erosion Control, Silt Fence	2080036	1,400.000	Ft
0030	Subbase, CIP	3010002	1,147.000	Cyd
0035	Aggregate Base, 6 inch	3020016	3,274.000	Syd
0040	_ Aggregate Base, 24 Inch, Modified	3027031	226.000	Ton
0045	Shld, CI II, 5 inch	3070127	278.000	Syd
0050	HMA Surface, Rem	5010005	1,968.000	Syd
0055	HMA, 3EL	5012012	193.000	Ton
0060	HMA, 4EL	5012024	193.000	Ton
0065	HMA, 5EL	5012036	257.000	Ton
0070	Joint, Expansion, E3	6020208	60.000	Ft
0075	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0080	Guardrail Reflector	8070080	32.000	Ea
0085	Post, Mailbox	8070095	1.000	Ea
0090	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0095	Guardrail, Type MGS-8, 72 inch Post	8072179	412.000	Ft
0100	Post, Steel, 3 pound	8100371	16.000	Ft
0105	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0110	Sign, Type III, Rem	8100403	2.000	Ea
0115	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,400.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	875.000	Ft
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0145	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	186.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	186.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	36.000	Sft
0165	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	36.000	Sft
0170	_ Turf Establishment	8167011	1,083.000	Syd
0175	Contractor Staking	8240001	1.000	LSUM
0180	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr

Section: 2

0185	Structures, Rem (SN 4496)	2040060	1.000	LSUM
0190	Excavation, Channel	2050015	57.000	Cyd
0195	Backfill, Structure, CIP	2060002	382.000	Cyd
0200	Excavation, Fdn	2060010	646.000	Cyd
0205	Underdrain, Fdn, 4 inch	4040031	106.000	Ft
0210	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0215	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0220	Culv Bedding, Box Culv	4060005	42.000	Cyd
0225	_ Culv, Precast Conc Box, 20 foot by 12 foot	4067001	36.000	Ft
0230	Steel Sheet Piling, Permanent	7040001	16,731.000	Sft
0235	Steel Sheet Piling, Temp	7040002	2,520.000	Sft
0240	Bridge Ltg, Furn and Rem (SN 4496)	7060001	1.000	LSUM
0245	Bridge Ltg, Oper and Maintain	7060002	87.000	Cyd
0250	False Decking	7060060	775.000	Sft
0255	Reinforcement, Steel, Epoxy Coated	7060092	8,698.000	Lb
0260	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 4496)	7060112	1.000	LSUM
0265	Superstructure Conc, Night Casting	7060113	87.000	Cyd
0270	Liner, PVC, 30 mil	7060209	75.000	Syd
0275	_ Silane Treatment	7067010	1,088.000	Sft
0280	Structural Steel, Mixed, Furn and Fab	7070051	37,419.000	Lb
0285	Structural Steel, Plate, Erect	7070060	37,419.000	Lb
0290	Joint Waterproofing	7100001	119.000	Sft
0295	Membrane, Preformed Waterproofing	7100008	951.000	Sft
0300	_ Bridge Barrier Railing, Type 6, Modified	7117001	124.000	Ft
0305	Riprap, Heavy	8130005	88.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230707 049**Letting Date:** July 7, 2023**Contract ID:** 50000-206647

Description: 0.46 mi of hot mix asphalt cold milling and resurfacing, base course repairs, and pavement markings on 11 Mile Road from northbound off ramp of I-94 to Little Mack Avenue in the city of St Clair Shores, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206647A	23A0586	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	4,000.000	Dlr
0010	Mobilization, Max \$142,000.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	630.000	Ft
0025	Pavt, Rem	2040050	175.000	Syd
0030	Sidewalk, Rem	2040055	335.000	Syd
0035	_ Curb and Gutter, Rem, Modified	2047001	700.000	Ft
0040	Subgrade Undercutting, Type IV	2050043	125.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	29.000	Ea
0050	Sewer, CI IV, 12 inch, Tr Det B	4020987	560.000	Ft
0055	Sewer, CI IV, 18 inch, Tr Det B	4020989	70.000	Ft
0060	Dr Structure Cover, Adj, Case 1	4030005	42.000	Ea
0065	Dr Structure, 24 inch dia	4030200	1.000	Ea
0070	Dr Structure, 48 inch dia	4030210	1.000	Ea
0075	Dr Structure, Adj, Add Depth	4030280	15.000	Ft
0080	Dr Structure, Tap, 12 inch	4030312	24.000	Ea
0085	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0090	_ Catch Basin Cover, St Clair Shores	4037050	17.000	Ea
0095	_ External Structure Wrap, 18 inch	4037050	19.000	Ea
0100	_ Sanitary Manhole Cover, St Clair Shores	4037050	9.000	Ea
0105	_ Storm Manhole Cover, MCPWO	4037050	1.000	Ea
0110	_ Storm Manhole Cover, St Clair Shores	4037050	15.000	Ea
0115	Pavt, Cleaning	5010001	1.000	LSUM
0120	Joint and Crack, Cleanout	5010015	2,000.000	Ft
0125	Pavt Joint and Crack Repr, Det 7	5010020	6,000.000	Ft
0130	Hand Patching	5010025	300.000	Ton
0135	HMA, 4EML	5012025	1,200.000	Ton

0140	HMA, 5EML	5012037	1,060.000	Ton
0145	_ Cold Milling Pavt	5017011	11,600.000	Syd
0150	_ Geosynthetic Paving Fabric	5017011	11,600.000	Syd
0155	Lane Tie, Epoxy Anchored	6030030	4,000.000	Ea
0160	Pavt Repr, Nonreinf Conc, 7 inch	6030042	1,150.000	Syd
0165	Pavt Repr, Nonreinf Conc, 9 inch	6030046	1,850.000	Syd
0170	_ Pavt Repr, Rem, Modified	6037011	3,000.000	Syd
0175	Driveway, Nonreinf Conc, 6 inch	8010005	125.000	Syd
0180	Driveway, Nonreinf Conc, 8 inch	8010007	75.000	Syd
0185	_ Curb and Gutter, Conc, Det F1, Modified	8027001	700.000	Ft
0190	Detectable Warning Surface	8030010	75.000	Ft
0195	Curb Ramp Opening, Conc	8030030	100.000	Ft
0200	Sidewalk, Conc, 4 inch	8030044	600.000	Sft
0205	Sidewalk, Conc, 6 inch	8030046	500.000	Sft
0210	Sidewalk, Conc, 8 inch	8030048	300.000	Sft
0215	Curb Ramp, Conc, 4 inch	8032001	1,000.000	Sft
0220	_ Curb Ramp, Conc, 8 inch	8037010	600.000	Sft
0225	Post, Steel, 3 pound	8100371	129.000	Ft
0230	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0235	Sign, Type III, Rem	8100403	20.000	Ea
0240	Sign, Type IIIA	8100404	20.000	Sft
0245	Sign, Type IIIB	8100405	100.000	Sft
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,100.000	Ft
0255	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,500.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,100.000	Ft
0265	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,500.000	Ft
0270	_ Pavt Mrkg, Waterborne, 18 inch, Stop Bar	8117001	24.000	Ft
0275	_ Pavt Mrkg, Waterborne, 2nd Application, 18 inch, Stop Bar	8117001	24.000	Ft
0280	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	388.000	Ft
0285	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	388.000	Ft
0290	_ Pavt Mrkg, Waterborne, 2nd Application, Only	8117050	1.000	Ea
0295	_ Pavt Mrkg, Waterborne, 2nd Application, Right Arrow, Sym	8117050	1.000	Ea
0300	_ Pavt Mrkg, Waterborne, Only	8117050	1.000	Ea
0305	_ Pavt Mrkg, Waterborne, Right Arrow, Sym	8117050	1.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0320	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0325	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0330	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0335	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0345	Minor Traf Devices	8120170	1.000	LSUM

0350	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0355	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft
0365	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0375	Sodding	8160055	1,500.000	Syd
0380	Topsoil Surface, Furn, 3 inch	8160061	1,500.000	Syd
0385	Water, Sodding/Seeding	8160090	51.000	Unit
0390	TS Head, Temp	8200453	4.000	Ea
0395	TS Face, Bag	8200458	20.000	Ea
0400	TS Face, Bag, Rem	8200459	20.000	Ea
0405	_ Irrigation Pipe	8237001	100.000	Ft
0410	_ Sprinkler Head	8237050	10.000	Ea
0415	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM
0420	_ Rubbish Pickup	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 050**Letting Date:** July 7, 2023**Contract ID:** 41000-205589

Description: 0.76 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps and pavement markings on Main Street from Church Street northerly to 18 Mile Road in the city of Cedar Springs, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205589A	23A0616	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$70,000.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0015	Curb and Gutter, Rem	2040020	1,160.000	Ft
0020	Curb, Rem	2040021	35.000	Ft
0025	Sidewalk, Rem	2040055	1,290.000	Syd
0030	Structures, Rem	2040060	1.000	LSUM
0035	_ Pavt, Rem, Modified	2047011	1,110.000	Syd
0040	_ Rem and Repl, Misc	2047050	7.000	Ea
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0050	Subbase, CIP	3010002	350.000	Cyd
0055	_ Aggregate Base, 10 inch, Modified	3027011	800.000	Syd
0060	_ Aggregate Base, 6 inch, Modified	3027011	510.000	Syd
0065	_ Aggregate Base, 9 inch, Modified	3027011	50.000	Syd
0070	_ Aggregate Base, Modified	3027031	5.000	Ton
0075	Dr Structure Cover, Adj, Case 1	4030005	29.000	Ea
0080	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0085	Dr Structure, Temp Lowering	4030390	46.000	Ea
0090	_ Dr Structure Cover, ADA	4037050	1.000	Ea
0095	_ Dr Structure Cover, Modified	4037050	1.000	Ea
0100	Underdrain, Pipe, Open-Graded, 6 inch	4040043	100.000	Ft
0105	Underdrain, Subbase, 6 inch	4040063	100.000	Ft
0110	Cold Milling HMA Surface	5010002	7,620.000	Syd
0115	HMA Surface, Rem	5010005	9,850.000	Syd
0120	Pavt Joint and Crack Repr, Det 7	5010020	100.000	Ft
0125	Pavt Joint and Crack Repr, Det 8	5010021	100.000	Ft
0130	Hand Patching	5010025	65.000	Ton
0135	HMA, 3C	5010031	55.000	Ton

0140	HMA, 4EML	5012025	2,410.000	Ton
0145	HMA, 5EML	5012037	720.000	Ton
0150	Joint, Contraction, Crg	6030020	40.000	Ft
0155	Joint, Expansion, Erg	6030021	40.000	Ft
0160	Joint, Expansion, Esc	6030022	40.000	Ft
0165	Joint, Tied, Trg	6030023	250.000	Ft
0170	Lane Tie, Epoxy Anchored	6030030	40.000	Ea
0175	Pavt Repr, Nonreinf Conc, 10 inch	6030048	100.000	Syd
0180	Driveway, Nonreinf Conc, 8 inch	8010007	5.000	Syd
0185	Curb, Conc, Det E2	8020002	110.000	Ft
0190	Driveway Opening, Conc, Det M	8020050	15.000	Ft
0195	_ Curb and Gutter, Conc, Det D2, Modified	8027001	230.000	Ft
0200	_ Curb and Gutter, Conc, Standard Crown	8027001	310.000	Ft
0205	Detectable Warning Surface	8030010	340.000	Ft
0210	Curb Ramp Opening, Conc	8030030	680.000	Ft
0215	Sidewalk, Conc, 4 inch	8030044	230.000	Sft
0220	Curb Ramp, Conc, 4 inch	8032001	5,000.000	Sft
0225	Curb Ramp, Conc, 6 inch	8032002	7,450.000	Sft
0230	Post, Steel, 3 pound	8100371	186.000	Ft
0235	Sign, Type III, Erect, Salv	8100402	14.000	Ea
0240	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,640.000	Ft
0245	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	70.000	Ft
0250	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	7.000	Ea
0255	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	112.000	Ft
0260	Recessing Pavt Mrkg, Longit	8110450	7,720.000	Ft
0265	Recessing Pavt Mrkg, Transv	8110451	3,600.000	Sft
0270	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	2.000	Ea
0275	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	780.000	Ft
0280	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	7,820.000	Ft
0285	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	53.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	53.000	Ea
0295	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0305	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0315	Sign, Type B, Temp, Prismatic, Furn	8120350	721.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	721.000	Sft
0325	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	163.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	163.000	Sft
0335	_ Roadside Seeding	8167011	800.000	Syd
0340	Traf Loop	8200170	2.000	Ea
0345	Loop Detector, Rem	8200173	2.000	Ea
0350	Monument Box	8210001	2.000	Ea

0355	Monument Box Adj	8210005	5.000	Ea
0360	Monument Preservation	8210010	2.000	Ea
0365	Protect Corners	8210020	5.000	Ea
0370	Gate Box, Adj, Temp, Case 1	8230391	14.000	Ea
0375	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0380	Gate Box, Adj, Case 1	8230431	18.000	Ea
0385	Gate Box, Adj, Case 2	8230432	2.000	Ea
0390	Sanitary Structure Cover, Adj, Case 1	8252145	14.000	Ea
0395	Sanitary Structure Cover, Adj, Case 2	8252146	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230707 051**Letting Date:** July 7, 2023**Contract ID:** 50000-218054

Description: 1.07 mi of concrete reconstruction, concrete curb, gutter, sidewalk and ramps, storm sewer and pavement markings on Kelly Road from 14 Mile Road north to 15 Mile Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218054A	23A0664	N/A	ST 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Grand Trunk Western Railroad	1077060	15,000.000	Dlr
0010	Mobilization, Max \$400,000.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	40.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	1,200.000	Ft
0025	Sidewalk, Rem	2040055	500.000	Syd
0030	_ Pavt, Rem, Modified	2047011	35,700.000	Syd
0035	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0040	_ Station Grading	2057002	55.000	Sta
0045	_ Subgrade Undercutting, Special, 1 x 3	2057021	1,000.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0055	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0065	Aggregate Base, 4 inch	3020010	600.000	Syd
0070	Aggregate Base, 6 inch	3020016	5,200.000	Syd
0075	Open-Graded Dr Cse, 16 inch	3030016	31,800.000	Syd
0080	Maintenance Gravel	3060020	500.000	Ton
0085	Geotextile, Separator	3080005	31,800.000	Syd
0090	Sewer, CI IV, 12 inch, Tr Det B	4020987	800.000	Ft
0095	Sewer, CI IV, 15 inch, Tr Det B	4020988	100.000	Ft
0100	Sewer, CI IV, 18 inch, Tr Det B	4020989	50.000	Ft
0105	Sewer, CI IV, 24 inch, Tr Det B	4020993	50.000	Ft
0110	Sewer Tap, 6 inch	4021201	5.000	Ea
0115	Sewer Tap, 12 inch	4021204	16.000	Ea
0120	Sewer Tap, 15 inch	4021205	10.000	Ea
0125	Sewer Tap, 24 inch	4021207	6.000	Ea
0130	Sewer Tap, 36 inch	4021209	2.000	Ea

0135	Video Taping Sewer and Culv Pipe	4021275	3,000.000	Ft
0140	_ Sewer Cleanout	4027001	3,000.000	Ft
0145	_ Sewer, Special	4027001	200.000	Ft
0150	Dr Structure Cover, Type B	4030010	29.000	Ea
0155	Dr Structure Cover, Type D	4030025	2.000	Ea
0160	Dr Structure Cover, Type G	4030040	4.000	Ea
0165	Dr Structure Cover, Type K	4030050	32.000	Ea
0170	Dr Structure Cover, Type Q	4030065	2.000	Ea
0175	Dr Structure, 24 inch dia	4030200	20.000	Ea
0180	Dr Structure, 48 inch dia	4030210	20.000	Ea
0185	Dr Structure, Cleaning	4030290	28.000	Ea
0190	Dr Structure, Temp Lowering	4030390	28.000	Ea
0195	_ Dr Structure, Adj, Add Depth, Modified	4037001	13.000	Ft
0200	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	28.000	Ea
0205	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	21.000	Ea
0210	_ Dr Structure Cover, Type B, Modified	4037050	10.000	Ea
0215	_ External Structure Wrap	4037050	9.000	Ea
0220	_ Underdrain, Subgrade, 6 inch, Modified	4047001	11,000.000	Ft
0225	Conc Pavt, Nonreinf, 9 inch	6020106	30,000.000	Syd
0230	Pavt Gapping	6020215	1,200.000	Ft
0235	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	5,200.000	Syd
0240	Curb and Gutter, Conc, Det F4	8020038	7,500.000	Ft
0245	Driveway Opening, Conc, Det M	8020050	4,000.000	Ft
0250	Curb Ramp Opening, Conc	8030030	100.000	Ft
0255	Sidewalk, Conc, 4 inch	8030044	4,000.000	Sft
0260	Sidewalk, Conc, 8 inch	8030048	2,000.000	Sft
0265	_ Sidewalk Ramp, ADA, Modified	8037010	500.000	Sft
0270	Post, Mailbox	8070095	30.000	Ea
0275	Post, Steel, 3 pound	8100371	30.000	Ft
0280	Sign, Type III, Erect, Salv	8100402	30.000	Ea
0285	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	905.000	Ft
0290	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	307.000	Ft
0295	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,974.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,666.000	Ft
0305	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0310	Pavt Mrkg, Polyurea, Railroad Sym	8110411	3.000	Ea
0315	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0320	Recessing Pavt Mrkg, Transv	8110451	1,067.000	Sft
0325	Scarification, for Polyurea Spec Mrkg	8112159	504.000	Sft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0335	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0340	Pedestrian Type II Barricade, Temp	8120026	40.000	Ea
0345	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea

0350	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0355	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0365	Minor Traf Devices	8120170	1.000	LSUM
0370	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,000.000	Ft
0375	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	20.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,000.000	Ft
0385	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	13,000.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,600.000	Ft
0395	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,400.000	Ft
0400	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0405	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0410	Sign Cover	8120310	40.000	Ea
0415	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0420	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0425	Sign, Type B, Temp, Prismatic, Furn	8120350	2,000.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	2,000.000	Sft
0435	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,200.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,200.000	Sft
0445	Traf Regulator Control	8120370	1.000	LSUM
0450	_ Pavt Mrkg, Type NR, 6 inch, Crosswalk, Temp	8127001	1,000.000	Ft
0455	_ Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar, Temp	8127001	300.000	Ft
0460	_ Pavt Mrkg, Type NR, Lt Turn Arrow Sym, Temp	8127050	4.000	Ea
0465	_ Pavt Mrkg, Type NR, Rt Turn Arrow Sym, Temp	8127050	4.000	Ea
0470	_ Turf Establishment, Performance	8167011	10,000.000	Syd
0475	TS, Span Wire Mtd, Rem	8200182	1.000	Ea
0480	_ Electrical Device, Adjust	8207050	2.000	Ea
0485	_ Electrical Device, Bag	8207050	17.000	Ea
0490	_ TS, One Way Span Wire Mtd, Safety	8207050	1.000	Ea
0495	Monument Box Adj	8210005	1.000	Ea
0500	Water Shutoff, Adj, Case 1	8230421	8.000	Ea
0505	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 052**Letting Date:** July 7, 2023**Contract ID:** 02000-216785-2**Description:** 1.10 mi of gravel road reconstruction, grading, drainage, aggregate surface course and pavement markings on Chapel Road at H-58, Alger County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216785A	23A0453	N/A	FLAP 02000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$42,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.240	Acre
0015	Embankment, CIP	2050010	12,964.000	Cyd
0020	Excavation, Earth	2050016	2,771.000	Cyd
0025	Erosion Control, Silt Fence	2080036	2,680.000	Ft
0030	Aggregate Surface Cse, 8 inch	3060012	18,046.000	Syd
0035	Maintenance Gravel	3060020	10.000	Ton
0040	Approach, CI I	3070001	50.000	Ton
0045	Approach, CI II, LM	3070023	20.000	Cyd
0050	Culv End Sect, 15 inch	4010015	2.000	Ea
0055	Culv, CI E, 15 inch	4010540	40.000	Ft
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0065	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0070	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0075	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0085	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0090	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0095	Sign, Type B, Temp, Prismatic, Furn	8120350	96.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	96.000	Sft
0105	Traf Regulator Control	8120370	1.000	LSUM
0110	Riprap, Plain	8130011	2.000	Ton
0115	Fertilizer, Chemical Nutrient, CI B	8160021	268.000	Lb
0120	Mulch	8160025	10,827.000	Syd
0125	Mulch Anchoring	8160026	10,827.000	Syd
0130	Seeding, Mixture TGM	8160038	492.000	Lb
0135	Topsoil Surface, Furn, 4 inch	8160062	10,827.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230707 053**Letting Date:** July 7, 2023**Contract ID:** 13122-218783

Description: 2.12 mi of hot mix asphalt cold milling and resurfacing, detail 7 joint repair and pavement markings on M-37/I-94BL (Columbia Avenue) from Skyline Drive to Helmer Road in the city of Battle Creek, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218783A	N/A	N/A	M 13122

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$82,800.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0015	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0020	Cold Milling HMA Surface	5010002	55,072.000	Syd
0025	Longit Joint Density Quality Initiative	5010018	35,800.000	Dlr
0030	Pavt Joint and Crack Repr, Det 7	5010020	912.000	Ft
0035	Hand Patching	5010025	113.000	Ton
0040	HMA Approach	5010061	60.000	Ton
0045	HMA, 5EML	5012037	4,936.000	Ton
0050	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	86.000	Ft
0055	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	26.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0075	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	23,250.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	21,700.000	Ft
0085	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	23,250.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	21,700.000	Ft
0095	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0100	Recessing Pavt Mrkg, Transv	8110451	1,084.000	Sft
0105	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	26.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0120	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	340.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	340.000	Ea

0135	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0145	Ltg for Night Work	8120160	1.000	LSUM
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,200.000	Ft
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	6.000	Ea
0165	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0170	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	86.000	Ft
0175	Sign Cover	8120310	10.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0185	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	698.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	698.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	820.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow Sym	8122148	2.000	Ea
0215	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0220	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0225	Monument Box	8210001	1.000	Ea
0230	Monument Preservation	8210010	1.000	Ea
0235	Protect Corners	8210020	1.000	Ea
0240	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	6,500.000	Ft
0245	Contractor Staking	8240001	1.000	LSUM
0250	Staking Plan Errors and Extras, Max \$180/hour	8240002	9.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230707 054**Letting Date:** July 7, 2023**Contract ID:** 30000-219178**Description:** Culvert removal and replacement at MP 51.35 south of the Carpenter Road grade crossing on the Indiana Northeastern Railroad in Cambria Township, Hillsdale County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
219178A	N/A	N/A	CTFR 30000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max 41300	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	1.000	Ea
0020	Erosion Control, Silt Fence	2080036	200.000	Ft
0025	Minor Traf Devices	8120170	1.000	LSUM
0030	Riprap, Plain	8130010	74.000	Syd
0035	Contractor Staking	8240001	1.000	LSUM
0040	_ Beaver Prevention Fence	8507050	1.000	Ea
0045	_ Culv End Sect, 10 GA, Metal, 54 inch	8507050	2.000	Ea
0050	_ Culvert, Remove and Replace	8507050	1.000	Ea
0055	_ Project Cleanup, Modified	8507051	1.000	LSUM
0060	_ Slope Restoration, Bonded Fiber Matrix, Modified	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230707 055**Letting Date:** July 7, 2023**Contract ID:** 50000-206706

Description: 2.00 mi of concrete pavement cold milling and hot mix asphalt resurfacing, concrete base repair and pavement markings on Ryan Road from 16 Mile Road north to 18 Mile Road in the city of Sterling Heights, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206706A	23A0588	N/A	STU 50000
206707A	23A0592	N/A	STU 50000

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	Curb and Gutter, Rem	2040020	1,601.000	Ft
0015	Sidewalk, Rem	2040055	1,719.000	Syd
0020	_ Curb and Gutter, Rem, Modified	2047001	20.000	Ft
0025	_ Subgrade Undercutting, Modified	2057021	250.000	Cyd
0030	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0035	_ Catch Basin Filter Bag	2087050	85.000	Ea
0040	_ Aggregate Base Repair	3027031	1,301.000	Ton
0045	Dr Structure Cover, Type D	4030025	52.000	Ea
0050	Dr Structure, Temp Lowering	4030390	10.000	Ea
0055	_ Dr Structure, Adj, Add Depth, Modified	4037001	89.000	Ft
0060	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	65.000	Ea
0065	_ Dr Structure Cover, Type Q, Spec	4037050	9.000	Ea
0070	_ Joint, HMA Plane of Weakness	5017001	69,650.000	Ft
0075	_ HMA, 4EML, 1.5 inch	5017011	63,899.000	Syd
0080	_ HMA, 5EML, 1.5 inch	5017011	63,899.000	Syd
0085	_ Pavt Repr, HMA 2C, 7 inch	5017011	5,739.000	Syd
0090	Cement	6030005	2.000	Ton
0095	Cold Milling Conc Pavt	6030014	63,899.000	Syd
0100	_ Pavt Repr, Nonreinf Conc, 8 Inch, Modified	6037011	1,705.000	Syd
0105	_ Pavt Repr, Nonreinf Conc, 9 Inch, Modified	6037011	314.000	Syd
0110	_ Pavt Repr, Rem, Modified	6037011	8,781.000	Syd
0115	Curb and Gutter, Conc, Det F5	8020039	1,330.000	Ft
0120	Curb and Gutter, Conc, Det F6	8020040	1,984.000	Ft
0125	Driveway Opening, Conc, Det M	8020050	603.000	Ft
0130	_ Curb and Gutter, Conc, Det F5, Modified	8027001	8.000	Ft

0135	_ Curb and Gutter, Conc, Det F6, Modified	8027001	723.000	Ft
0140	_ Driveway Opening, Conc, Det M, Modified	8027001	90.000	Ft
0145	Curb Ramp Opening, Conc	8030030	8.000	Ft
0150	_ Detectable Warning Surface, Modified	8037001	155.000	Ft
0155	_ Curb Ramp, Conc, 6 inch, Modified	8037010	1,720.000	Sft
0160	_ Sidewalk, Conc, 4 inch, Modified	8037010	615.000	Sft
0165	Sign, Type III, Erect, Salv	8100402	43.000	Ea
0170	Sign, Type III, Rem	8100403	43.000	Ea
0175	Ground Mtd Sign Support, Rem	8102010	574.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,347.000	Ft
0185	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	368.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0195	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0200	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	6,901.000	Ft
0205	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	24,001.000	Ft
0210	Recessing Pavt Mrkg, Longit	8110450	3,612.000	Ft
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0225	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0230	Pedestrian Type II Channelizer, Temp	8120027	10.000	Ft
0235	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0245	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	21,581.000	Ft
0255	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0260	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0265	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	1,369.000	Ft
0270	Sign Cover	8120310	40.000	Ea
0275	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0280	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0285	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
0305	Traf Regulator Control	8120370	1.000	LSUM
0310	_ Turf Establishment, Modified	8167011	2,000.000	Syd
0315	_ Reimbursed Permit Fees	8267060	7,760.000	Dlr
0320	_ Sprinkler Line	8507001	1,000.000	Ft
0325	_ Sprinkler Head, Relocate	8507050	50.000	Ea
0330	_ Sprinkler Head, Replace	8507050	50.000	Ea
0335	_ Audio-Visual Filming	8507051	1.000	LSUM