



9/22/2022 1:16 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 001**Letting Date:** November 4, 2022**Contract ID:** 01052-208319

Description: 2.39 mi of hot mix asphalt crushing, shaping and resurfacing, drainage, signing and pavement markings on US-23 from south of Sayers Road to the north Alcona County line, Alcona County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208319A	22A0987	N/A	NH 01052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$561,300.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.310	Acre
0015	Culv, Rem, Less than 24 inch	2030001	74.000	Ea
0020	Culv, Rem, 24 inch to 48 inch	2030002	6.000	Ea
0025	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	8.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	218.000	Ft
0045	Curb and Gutter, Rem	2040020	1,691.000	Ft
0050	Guardrail, Rem	2040035	2,992.000	Ft
0055	Pavt, Rem	2040050	34,878.000	Syd
0060	Ditch Cleanout	2050006	118.000	Sta
0065	Embankment, CIP	2050010	3,064.000	Cyd
0070	Excavation, Earth	2050016	29,035.000	Cyd
0075	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0085	Erosion Control, Check Dam, Stone	2080012	627.000	Ft
0090	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0095	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0100	Erosion Control, Inlet Protection, Sediment Trap	2080024	62.000	Ea
0105	Erosion Control, Maintenance, Sediment Rem	2080026	15.000	Cyd
0110	Erosion Control, Sediment Trap	2080034	20.000	Ea
0115	Erosion Control, Silt Fence	2080036	8,663.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0125	Subbase, CIP	3010002	17,477.000	Cyd
0130	Aggregate Base	3020001	7,212.000	Ton
0135	Aggregate Base, 6 inch	3020016	875.000	Syd

0140	_ HMA Base Crushing and Shaping, Spec	3057011	47,113.000	Syd
0145	Maintenance Gravel	3060020	650.000	Ton
0150	Maintenance Gravel, LM	3060021	850.000	Cyd
0155	Approach, CI I	3070001	657.000	Ton
0160	Approach, CI II	3070021	157.000	Ton
0165	Shld, CI II, 4 inch	3070126	3,325.000	Syd
0170	Shld, CI II, Temp	3070170	259.000	Ton
0175	Geotextile, Separator	3080005	6,600.000	Syd
0180	Culv End Sect, 15 inch	4010015	16.000	Ea
0185	Culv End Sect, 18 inch	4010018	1.000	Ea
0190	Culv End Sect, 24 inch	4010024	8.000	Ea
0195	Culv End Sect, 30 inch	4010030	4.000	Ea
0200	Culv End Sect, 36 inch	4010036	3.000	Ea
0205	Culv End Sect, Footing	4010072	136.000	Ea
0210	Culv, CI A, 18 inch	4010133	88.000	Ft
0215	Culv, CI A, 24 inch	4010134	500.000	Ft
0220	Culv, CI A, 30 inch	4010135	234.000	Ft
0225	Culv, CI A, 36 inch	4010136	149.000	Ft
0230	Culv, CI E, 24 inch	4010542	106.000	Ft
0235	Culv, CI E, 30 inch	4010543	204.000	Ft
0240	Culv, CI E, 36 inch	4010544	98.000	Ft
0245	Culv, CI F, 15 inch	4010608	484.000	Ft
0250	Culv, CI F, 18 inch	4010609	600.000	Ft
0255	Culv, CI F, 24 inch	4010610	40.000	Ft
0260	Culv, Downspout, 12 inch	4010795	106.000	Ft
0265	Culv, Downspout, 15 inch	4010796	18.000	Ft
0270	Culv, Downspout, 18 inch	4010797	326.000	Ft
0275	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0280	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	4.000	Ea
0285	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	1.000	Ea
0290	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	26.000	Ea
0295	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	2.000	Ea
0300	Dr Marker Post	4011109	166.000	Ea
0305	Culv, Outlet Headwall, 12 inch	4012000	4.000	Ea
0310	Culv, Outlet Headwall, 18 inch	4012002	3.000	Ea
0315	Culv, Outlet Headwall, 24 inch	4012004	1.000	Ea
0320	_ Culv, Outlet Headwall, 15 inch	4017050	2.000	Ea
0325	Sewer, CI A, 24 inch, Tr Det B	4020036	284.000	Ft
0330	Sewer, CI E, 18 inch, Tr Det B	4020602	118.000	Ft
0335	Sewer Tap, 18 inch	4021206	4.000	Ea
0340	Video Taping Sewer and Culv Pipe	4021275	1,640.000	Ft
0345	Dr Structure Cover, Type G	4030040	2.000	Ea
0350	Dr Structure Cover, Type K	4030050	1.000	Ea
0355	Dr Structure, 48 inch dia	4030210	2.000	Ea
0360	Dr Structure, 60 inch dia	4030220	1.000	Ea

0365	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	6.000	Ft
0370	Underdrain, Subgrade, 6 inch	4040073	1,200.000	Ft
0375	Underdrain Outlet, 6 inch	4040093	200.000	Ft
0380	Underdrain, Outlet Ending, 6 inch	4040113	12.000	Ea
0385	HMA Surface, Rem	5010005	41,375.000	Syd
0390	HMA Quality Initiative	5010007	38,848.000	Dlr
0395	Longit Joint Density Quality Initiative	5010018	37,333.000	Dlr
0400	Hand Patching	5010025	1,210.000	Ton
0405	HMA Approach	5010061	884.000	Ton
0410	HMA, 4EML	5012025	17,330.000	Ton
0415	HMA, Temp Pavt (4EML)	5012103	901.000	Ton
0420	_ Ride Incentive	5017060	35,000.000	Dlr
0425	Curb and Gutter, Conc, Det B2	8020016	1,830.000	Ft
0430	Curb and Gutter, Conc, Det D2	8020031	3,710.000	Ft
0435	Driveway Opening, Conc, Det M	8020050	758.000	Ft
0440	Shld Gutter, Conc, Det 1	8020055	9.000	Ea
0445	Shld Gutter, Conc, Det 2	8020056	19.000	Ea
0450	Downspout Header, Conc	8020070	8.000	Ea
0455	Spillway, Conc	8020075	207.000	Ft
0460	Curb Slp, HMA	8050010	1,554.000	Ft
0465	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0470	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0475	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0480	Post, Mailbox	8070095	22.000	Ea
0485	Guardrail, Curved, Type B-CRT	8072154	63.000	Ft
0490	Guardrail, Type MGS-8, 72 inch Post	8072179	3,704.000	Ft
0495	Field Office, CI 2	8090002	4.000	Mo
0500	Delineator Reflector, Green	8100133	133.000	Ea
0505	Fdn, Wood Support, Rem	8100280	10.000	Ea
0510	Delineator, Rem	8100349	62.000	Ea
0515	Post, Rigid, Delineator	8100361	135.000	Ea
0520	Post, Steel, 3 pound	8100371	575.000	Ft
0525	Post, Wood, 6 inch by 8 inch	8100382	186.000	Ft
0530	Sign, Type II, Erect, Salv	8100396	6.000	Ea
0535	Sign, Type III, Erect, Salv	8100402	33.000	Ea
0540	Sign, Type III, Rem	8100403	5.000	Ea
0545	Sign, Type IIIB	8100405	25.000	Sft
0550	Sign, Type V, Erect, Salv	8100422	3.000	Ea
0555	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0560	Sign, Type II, Rem, Salv	8102002	6.000	Ea
0565	Sign, Type III, Rem, Salv	8102003	33.000	Ea
0570	Sign, Type V, Rem, Salv	8102005	3.000	Ea
0575	Ground Mtd Sign Support, Rem	8102010	47.000	Ea
0580	_ Enhanced Delineation, Bidirectional, Guardrail, Post	8107001	3,704.000	Ft

	Mtd			
0585	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0590	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0595	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	51.000	Ft
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	46,644.000	Ft
0605	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,438.000	Ft
0610	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	46,644.000	Ft
0615	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	21,438.000	Ft
0620	Recessing Pavt Mrkg, Longit	8110450	62,051.000	Ft
0625	Recessing Pavt Mrkg, Transv	8110451	154.000	Sft
0630	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	29,110.000	Ft
0635	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	25,262.000	Ft
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0645	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0650	Delineator, Flexible, Temp, Furn	8120091	75.000	Ea
0655	Delineator, Flexible, Temp, Oper	8120092	75.000	Ea
0660	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0665	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0675	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	21,190.000	Ft
0680	Plastic Drum, Fluorescent, Furn	8120252	775.000	Ea
0685	Plastic Drum, Fluorescent, Oper	8120253	775.000	Ea
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0695	PTS System, Temp, Furn	8120270	2.000	Ea
0700	PTS System, Temp, Oper	8120271	2.000	Ea
0705	Sign Cover	8120310	40.000	Ea
0710	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0715	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0720	Sign, Type A, Temp, Prismatic, Furn	8120340	18.000	Sft
0725	Sign, Type A, Temp, Prismatic, Oper	8120341	18.000	Sft
0730	Sign, Type B, Temp, Prismatic, Furn	8120350	1,625.000	Sft
0735	Sign, Type B, Temp, Prismatic, Oper	8120351	1,625.000	Sft
0740	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	64.000	Sft
0745	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	64.000	Sft
0750	Traf Regulator Control	8120370	1.000	LSUM
0755	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,716.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,400.000	Ft
0765	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	32,717.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	27,867.000	Ft
0775	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0780	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea

0785	_ Driveway Assistance Device, Portable, Temp	8127050	11.000	Ea
0790	Riprap, Plain	8130010	660.000	Syd
0795	Paved Ditch, HMA	8140010	36.000	Syd
0800	Slope Restoration, Non-Freeway, Type B	8162002	2,640.000	Syd
0805	_ Turf Establishment, Performance, Spec	8167011	20,406.000	Syd
0810	Monument Box	8210001	2.000	Ea
0815	Monument Box Adj	8210005	3.000	Ea
0820	Monument Preservation	8210010	5.000	Ea
0825	Centerline Corrugations, Milled, HMA	8220013	12,631.000	Ft
0830	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	21,281.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 221104 002**Letting Date:** November 4, 2022**Contract ID:** 77023-201409

Description: 9.60 mi of three course hot mix asphalt overlay, selective hot mix asphalt reconstruction, concrete curb and gutter, culverts, sewer, drainage, guardrail, signing and pavement markings on I-69WB from M-19 to Taylor Road, St. Clair County. This project includes two 5 year materials and workmanship pavement warranties. This project is an OJT VIP 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
201409A	22A0973	N/A	IM 77023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Critical Path Method Schedule	1080005	15,000.000	Dlr
0010	Mobilization, Max \$2,216,400.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.590	Acre
0020	Culv, Rem, Less than 24 inch	2030001	25.000	Ea
0025	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0030	Culv, Rem, Over 48 inch	2030003	3.000	Ea
0035	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	3.000	Ea
0045	Culv, End, Rem, Over 48 inch	2030007	3.000	Ea
0050	Sewer, Rem, 24 inch to 48 inch	2030016	349.000	Ft
0055	Sewer, Rem, Over 48 inch	2030017	528.000	Ft
0060	Pavt, Rem	2040050	15,159.000	Syd
0065	Exploratory Investigation, Vertical	2040080	100.000	Ft
0070	Ditch Cleanout	2050006	20.000	Sta
0075	Embankment, CIP	2050010	15,386.000	Cyd
0080	Excavation, Channel	2050015	6,770.000	Cyd
0085	Excavation, Earth	2050016	60,689.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0095	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0100	Flowable Fill, Non-Structural	2050148	5.000	Cyd
0105	Backfill, Structure, CIP	2060002	380.000	Cyd
0110	Excavation, Fdn	2060010	1,125.000	Cyd
0115	_ Aggregate, Spec	2067021	21.000	Cyd
0120	Erosion Control, Check Dam, Stone	2080012	210.000	Ft
0125	Erosion Control, Filter Bag	2080014	4.000	Ea

0130	Erosion Control, Gravel Filter Berm	2080018	360.000	Ft
0135	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0140	Erosion Control, Inlet Protection, Sediment Trap	2080024	15.000	Ea
0145	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0150	Erosion Control, Sand Bag	2080028	2,900.000	Ea
0155	Erosion Control, Sediment Basin	2080032	30.000	Cyd
0160	Erosion Control, Sediment Trap	2080034	8.000	Ea
0165	Erosion Control, Silt Fence	2080036	18,313.000	Ft
0170	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	3,185.000	Syd
0175	Subbase, CIP	3010002	19,752.000	Cyd
0180	Aggregate Base, 6 inch	3020016	20,988.000	Syd
0185	Aggregate Base, 8 inch	3020020	5,506.000	Syd
0190	Aggregate Base, 9 inch	3020022	2,445.000	Syd
0195	Trenching	3070200	16.000	Sta
0200	_ Shld, CI II, Modified	3077031	34,634.000	Ton
0205	Geotextile, Separator	3080005	2,932.000	Syd
0210	Culv End Sect, 12 inch	4010012	2.000	Ea
0215	Culv End Sect, 15 inch	4010015	4.000	Ea
0220	Culv End Sect, 18 inch	4010018	1.000	Ea
0225	Culv End Sect, 24 inch	4010024	9.000	Ea
0230	Culv End Sect, 30 inch	4010030	1.000	Ea
0235	Culv End Sect, 36 inch	4010036	3.000	Ea
0240	Culv End Sect, Footing	4010072	48.000	Ea
0245	Culv End Sect, Metal, 60 inch	4010104	1.000	Ea
0250	Culv, CI A, 15 inch	4010132	86.000	Ft
0255	Culv, CI A, 24 inch	4010134	900.000	Ft
0260	Culv, CI A, 36 inch	4010136	98.000	Ft
0265	Culv, CI A, 54 inch	4010139	112.000	Ft
0270	Culv, CI E, 12 inch	4010539	32.000	Ft
0275	Culv, CI E, 15 inch	4010540	110.000	Ft
0280	Culv, CI E, 24 inch	4010542	79.000	Ft
0285	Culv, CI E, 36 inch	4010544	81.000	Ft
0290	Culv, Downspout, 12 inch	4010795	946.000	Ft
0295	Culv, Reinf Conc Ellip, HE CI A, 48 inch by 76 inch	4010817	128.000	Ft
0300	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0305	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0310	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	20.000	Ea
0315	Culv, Slp End Sect, 1 on 6, 36 inch, Transv	4010962	2.000	Ea
0320	Dr Marker Post	4011109	341.000	Ea
0325	Outfall Label	4011115	1.000	Ea
0330	Culv, Outlet Headwall, 12 inch	4012000	11.000	Ea
0335	Culv, Outlet Headwall, 24 inch	4012004	7.000	Ea
0340	_ Cured-In-Place Pipe Lining, 18 inch	4017001	194.000	Ft
0345	_ Culv End Sect, 54 inch	4017050	2.000	Ea
0350	_ Culv End Sect, Conc, Ellip Pipe, 48 inch by 76 inch	4017050	2.000	Ea

0355	Sewer, CI A, 18 inch, Tr Det A	4020006	140.000	Ft
0360	Sewer, CI A, 24 inch, Tr Det A	4020007	63.000	Ft
0365	Sewer, CI A, 36 inch, Tr Det A	4020009	16.000	Ft
0370	Sewer, CI A, 12 inch, Tr Det B	4020033	153.000	Ft
0375	Sewer, CI A, 18 inch, Tr Det B	4020035	88.000	Ft
0380	Sewer, CI A, 24 inch, Tr Det B	4020036	828.000	Ft
0385	Sewer, CI B, 18 inch, Tr Det B	4020185	57.000	Ft
0390	Sewer, CI B, 30 inch, Tr Det B	4020187	148.000	Ft
0395	Sewer, CI D, 36 inch, Tr Det B	4020485	161.000	Ft
0400	Sewer, CI II, 72 inch, Tr Det B	4020761	150.000	Ft
0405	Sewer Bulkhead, 36 inch	4021237	2.000	Ea
0410	Video Taping Sewer and Culv Pipe	4021275	5,000.000	Ft
0415	Sewer, Reinf Conc Ellip, HE CI II, 63 inch by 98 inch, Tr Det B	4021391	129.000	Ft
0420	_ Sewer, Class D, 60 inch, Tr Det B, Modified	4027001	238.000	Ft
0425	Dr Structure Cover, Type B	4030010	9.000	Ea
0430	Dr Structure Cover, Type C	4030015	6.000	Ea
0435	Dr Structure, 24 inch dia	4030200	2.000	Ea
0440	Dr Structure, 48 inch dia	4030210	13.000	Ea
0445	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	45.000	Ft
0450	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	4.000	Ft
0455	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
0460	Dr Structure, Tap, 36 inch	4030336	3.000	Ea
0465	Dr Structure, Tap, 60 inch	4030360	1.000	Ea
0470	Dr Structure, Tap, 72 inch	4030372	1.000	Ea
0475	_ Dr Structure, Tap, 63 inch by 98 inch	4037050	1.000	Ea
0480	Underdrain, Fdn, 6 inch	4040033	221.000	Ft
0485	Underdrain, Subbase, 6 inch	4040063	7,445.000	Ft
0490	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0495	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	46,444.000	Ft
0500	Underdrain Outlet, 6 inch	4040093	4,166.000	Ft
0505	Video Inspection of Underdrain	4040200	58,500.000	Ft
0510	_ Underdrain Outlet Cleanout	4047050	50.000	Ea
0515	_ Underdrain Outlet Ending, Modified	4047050	277.000	Ea
0520	Culv Bedding, Box Culv	4060005	51.000	Cyd
0525	Culv, Precast Conc Box, 6 foot by 5 foot	4060107	100.000	Ft
0530	Pavt, Cleaning	5010001	1.000	LSUM
0535	Bump Grinding	5010004	533.000	Syd
0540	HMA Surface, Rem	5010005	7,935.000	Syd
0545	HMA Quality Initiative	5010007	373,638.000	Dlr
0550	Pavt for Butt Joints, Rem	5010008	467.000	Syd
0555	Joint and Crack, Cleanout	5010015	10,000.000	Ft
0560	Longit Joint Density Quality Initiative	5010018	243,800.000	Dlr
0565	Hand Patching	5010025	1,131.000	Ton

0570	HMA Approach	5010061	1,438.000	Ton
0575	HMA, 3EML	5012013	653.000	Ton
0580	HMA, 3EMH	5012014	4,295.000	Ton
0585	HMA, 4EML	5012025	5,170.000	Ton
0590	HMA, 4EMH	5012026	40,078.000	Ton
0595	HMA, 5EML	5012037	3,018.000	Ton
0600	HMA, 5EMH	5012038	17,645.000	Ton
0605	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	6,000.000	Ft
0610	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	6,000.000	Ft
0615	_ Asphalt Stabilized Crack Relief Layer	5017031	31,060.000	Ton
0620	_ Ride Incentive	5017060	66,764.000	Dlr
0625	Joint, Contraction, Cp	6020200	864.000	Ft
0630	Joint, Contraction, C3p	6020201	396.000	Ft
0635	Joint, Expansion, E3	6020208	270.000	Ft
0640	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	687.000	Syd
0645	Cold Milling Conc Pavt	6030014	374.000	Syd
0650	Joint, Contraction, Crg	6030020	1,200.000	Ft
0655	Pavt Repr, Nonreinf Conc, 9 inch	6030046	2,500.000	Syd
0660	Reinforcement, Steel, Epoxy Coated	7060092	2,404.000	Lb
0665	Liner, PVC, 30 mil	7060209	230.000	Syd
0670	Conc, Grade 3500HP	7062002	34.000	Cyd
0675	Joint Waterproofing	7100001	59.000	Sft
0680	Curb and Gutter, Conc, Det D2	8020031	1,634.000	Ft
0685	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0690	Downspout Header, Conc	8020070	11.000	Ea
0695	Spillway, Conc	8020075	10.000	Ft
0700	Curb and Gutter, Bridge Approach, Det 1	8022010	285.000	Ft
0705	Curb and Gutter, Bridge Approach, Det 3	8022012	51.000	Ft
0710	Guardrail Anch, Bridge, Det T1	8070022	10.000	Ea
0715	Guardrail Anch, Bridge, Det T1, Temp	8070030	3.000	Ea
0720	Guardrail Approach Terminal, Type 2M	8070044	13.000	Ea
0725	Guardrail Approach Terminal, Type 2M, Temp	8070049	4.000	Ea
0730	Guardrail Departing Terminal, Type MGS	8070052	11.000	Ea
0735	Guardrail Departing Terminal, Type T, Temp	8070056	4.000	Ea
0740	Guardrail, Salv	8070075	4,714.000	Ft
0745	Guardrail Reflector	8070080	177.000	Ea
0750	Guardrail, Reconst, Type T	8070109	1,675.000	Ft
0755	Guardrail, Temp, Type MGS-8, 72 inch Post	8072004	1,000.000	Ft
0760	Guardrail, Type MGS-8, 72 inch Post	8072179	3,479.000	Ft
0765	Guardrail, Type MGS-8, 108 inch Post	8072180	1,700.000	Ft
0770	Guardrail, Temp, Type T, 84 inch Post	8072195	50.000	Ft
0775	_ Hand Digging Guardrail Post	8077050	4.000	Ea
0780	Bridge Sign Connection, Conc, Type A1	8100031	10.000	Ea
0785	Bridge Sign Connection, Type A, Rem	8100080	8.000	Ea
0790	Column, Breakaway, W8 x 13	8100120	26.000	Ea

0795	Delineator Reflector, Red	8100131	60.000	Ea
0800	Delineator Reflector, Yellow	8100132	32.000	Ea
0805	Delineator Reflector, Green	8100133	32.000	Ea
0810	Delineator Reflector, White	8100134	213.000	Ea
0815	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	9.000	Ea
0820	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	40.000	Ea
0825	Fdn, Breakaway, W8 x 13	8100160	26.000	Ea
0830	Fdn, Column Breakaway, Rem	8100220	26.000	Ea
0835	Fdn, Wood Support, Rem	8100280	46.000	Ea
0840	Installing MDOT Supplied Sign, Type III	8100302	14.000	Ea
0845	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	9.000	Ea
0850	Delineator, Rem	8100349	181.000	Ea
0855	Post, Flexible, Delineator	8100360	34.000	Ea
0860	Post, Rigid, Delineator	8100361	243.000	Ea
0865	Post, Steel, 3 pound	8100371	1,988.000	Ft
0870	Post, Wood, 4 inch by 6 inch	8100380	694.000	Ft
0875	Post, Wood, 6 inch by 8 inch	8100382	356.000	Ft
0880	Sign, Type I, Rem	8100391	25.000	Ea
0885	Sign, Type IA	8100392	1,494.000	Sft
0890	Sign, Type II, Rem	8100397	25.000	Ea
0895	Sign, Type IIA	8100398	431.000	Sft
0900	Sign, Type IIB	8100399	80.000	Sft
0905	Sign, Type III, Rem	8100403	93.000	Ea
0910	Sign, Type IIIA	8100404	360.000	Sft
0915	Sign, Type IIIB	8100405	238.000	Sft
0920	Sign, Type V, Rem	8100421	26.000	Ea
0925	Sign, Type VA	8100424	36.000	Sft
0930	Sign, Type VB	8100425	384.000	Sft
0935	Reflective Panel for Permanent Sign Support, 3 foot	8100613	24.000	Ea
0940	Reflective Panel for Permanent Sign Support, 6 foot	8100616	22.000	Ea
0945	Ground Mtd Sign Support, Rem	8102010	203.000	Ea
0950	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	48.000	Ft
0955	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	2.000	Ea
0960	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0965	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0970	Pavt Mrkg, Waterborne, 6 inch, White	8110233	152,490.000	Ft
0975	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	116,290.000	Ft
0980	Pavt Mrkg, Waterborne, 12 inch, White	8110237	8,420.000	Ft
0985	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	450.000	Ft
0990	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0995	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	7,000.000	Ft
1000	Recessing Pavt Mrkg, Longit	8110450	151,300.000	Ft
1005	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	148,950.000	Ft

1010	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	7,630.000	Ft
1015	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	113,760.000	Ft
1020	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	130.000	Ea
1025	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	130.000	Ea
1030	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
1035	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
1040	Conc Barrier Reflector Replacement	8120070	700.000	Ea
1045	Conc Barrier, Temp, Adj	8120080	400.000	Ft
1050	Conc Barrier, Temp, Furn	8120081	56,200.000	Ft
1055	Conc Barrier, Temp, Oper	8120082	56,200.000	Ft
1060	Conc Barrier, Temp, Relocated	8120083	1,800.000	Ft
1065	Glare Screen, Temp	8120094	52,300.000	Ft
1070	High Intensity Light, Type B, Furn	8120110	4.000	Ea
1075	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1080	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1085	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1090	Ltg for Night Work	8120160	1.000	LSUM
1095	Minor Traf Devices	8120170	1.000	LSUM
1100	Mobile Attenuator	8120180	2.000	Ea
1105	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	127,420.000	Ft
1110	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	5,500.000	Ft
1115	Plastic Drum, Fluorescent, Furn	8120252	1,150.000	Ea
1120	Plastic Drum, Fluorescent, Oper	8120253	1,150.000	Ea
1125	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	230.000	Ea
1130	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	200.000	Ea
1135	Sign Cover	8120310	70.000	Ea
1140	Sign Cover, Type I	8120320	10.000	Ea
1145	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
1150	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
1155	Sign, Type A, Temp, Prismatic, Furn	8120340	510.000	Sft
1160	Sign, Type A, Temp, Prismatic, Oper	8120341	510.000	Sft
1165	Sign, Type B, Temp, Prismatic, Furn	8120350	3,520.000	Sft
1170	Sign, Type B, Temp, Prismatic, Oper	8120351	3,520.000	Sft
1175	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,180.000	Sft
1180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,180.000	Sft
1185	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	125,690.000	Ft
1190	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	137,110.000	Ft
1195	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,770.000	Ft

1200	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	2,030.000	Ft
1205	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	4,010.000	Ft
1210	Speed Radar Trailer, Temp	8122028	2.000	Ea
1215	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,370.000	Ft
1220	Riprap, Plain	8130010	361.000	Syd
1225	_ Riprap, Spec, Class II	8137031	86.000	Ton
1230	Site Preparation, Max \$8,800.00	8150001	1.000	LSUM
1235	Watering and Cultivating, First Season, Min \$4,300.00	8150002	1.000	LSUM
1240	Watering and Cultivating, 2nd Season, Min \$5,300.00	8150003	1.000	LSUM
1245	Picea abies, 4 foot	8152740	50.000	Ea
1250	Picea glauca, 4 foot	8152757	30.000	Ea
1255	Picea mariana, 4 foot	8152771	20.000	Ea
1260	Slope Restoration, Freeway, Type D	8162016	2,000.000	Syd
1265	Slope Restoration, Freeway, Type E	8162017	261,434.000	Syd
1270	Monument Box	8210001	1.000	Ea
1275	Monument Preservation	8210010	1.000	Ea
1280	Freeway Shld Corrugations, Milled, Conc	8222000	740.000	Ft
1285	Freeway Shld Corrugations, Milled, HMA	8222001	103,188.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 221104 003

Letting Date: November 4, 2022

Contract ID: 50112-130131

Description: 6.14 mi of hot mix asphalt cold milling and resurfacing, signal modernization, drainage, ITS work, pavement markings and bridge rehabilitation on 6 structures including deep overlay, deck patching, railing and partial deck replacement, scour countermeasures, thrie beam retrofit replacement, joint replacement and resealing, structural steel repairs, steel beam cleaning and coating, substructure repairs, slope protection repair, concrete surface coating, silane treatment and approach work on I-94 from M-29 to the east Macomb County line, Macomb County. This project includes a 5 year materials and workmanship pavement warranty, a 2 year concrete surface coating warranty, a 5 year epoxy performance warranty and 2 year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130131A	22A0979	N/A	IM 50112
210079A	22A0989	N/A	NH 50112

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Critical Path Method Schedule	1080005	15,000.000	Dlr
0010	Mobilization, Max \$2,831,100.00	1100001	1.000	LSUM
0015	Clearing	2010001	2.000	Acre
0020	Clearing, Fence	2010002	4.000	Sta
0025	Culv, Rem, Less than 24 inch	2030001	9.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	16.000	Ea
0035	Curb and Gutter, Rem	2040020	711.000	Ft
0040	Fence, Rem	2040025	710.000	Ft
0045	Guardrail, Rem	2040035	20,669.000	Ft
0050	Pavt, Rem	2040050	15,344.000	Syd
0055	Sidewalk, Rem	2040055	57.000	Syd
0060	Exploratory Investigation, Vertical	2040080	100.000	Ft
0065	Ditch Cleanout	2050006	145.000	Sta
0070	Embankment, CIP	2050010	3,233.000	Cyd
0075	Excavation, Earth	2050016	33,036.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,000.000	Cyd
0085	Subgrade Undercutting, Type I	2050040	500.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0095	_Phragmites Plant Material Handling and Disposal, LM	2057021	5,000.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	3,640.000	Ft
0105	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea

0115	Erosion Control, Inlet Protection, Sediment Trap	2080024	20.000	Ea
0120	Erosion Control, Maintenance, Sediment Rem	2080026	550.000	Cyd
0125	Erosion Control, Sediment Basin	2080032	40.000	Cyd
0130	Erosion Control, Sediment Trap	2080034	140.000	Ea
0135	Erosion Control, Silt Fence	2080036	17,760.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0145	Subbase, CIP	3010002	10.000	Cyd
0150	Open-Graded Dr Cse, 16 inch	3030016	460.000	Syd
0155	_ Open-Graded Dr Cse, 14 inch	3037011	31,220.000	Syd
0160	Shld, CI II	3070121	532.000	Ton
0165	Shld, CI II, 4 inch	3070126	33,969.000	Syd
0170	_ Shld, CI II, 13 inch	3077011	2,848.000	Syd
0175	Geotextile, Separator	3080005	34,517.000	Syd
0180	Culv End Sect, Metal, 18 inch	4010096	2.000	Ea
0185	Culv, Downspout, 12 inch	4010795	387.000	Ft
0190	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	2.000	Ea
0195	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	1.000	Ea
0200	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0205	_ Culv Cleanout	4017001	2,795.000	Ft
0210	Sewer, CI A, 12 inch, Tr Det B	4020033	13.000	Ft
0215	Video Taping Sewer and Culv Pipe	4021275	593.000	Ft
0220	_ Storm Sewer Cleanout	4027001	193.000	Ft
0225	Dr Structure Cover, Adj, Case 1, Modified	4030004	1.000	Ea
0230	Dr Structure Cover, Type B	4030010	1.000	Ea
0235	Dr Structure Cover, Type J	4030045	1.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0245	Drop Inlet, Type 1	4030395	1.000	Ea
0250	Underdrain, Pipe, Open-Graded, 6 inch	4040043	16,160.000	Ft
0255	Underdrain Outlet, 6 inch	4040093	3,605.000	Ft
0260	Underdrain, Outlet Ending, 6 inch	4040113	72.000	Ea
0265	Video Inspection of Underdrain	4040200	18,904.000	Ft
0270	_ Underdrain Outlet Cleanout	4047050	275.000	Ea
0275	Pavt, Cleaning	5010001	1.000	LSUM
0280	Cold Milling HMA Surface	5010002	391,652.000	Syd
0285	Bump Grinding	5010004	2,200.000	Syd
0290	HMA Surface, Rem	5010005	26,238.000	Syd
0295	HMA Quality Initiative	5010007	173,486.000	Dlr
0300	Longit Joint Density Quality Initiative	5010018	490,600.000	Dlr
0305	Hand Patching	5010025	100.000	Ton
0310	HMA Approach	5010061	2,148.000	Ton
0315	HMA, 4EMH	5012026	47,229.000	Ton
0320	HMA, 5EMH	5012038	2,024.000	Ton
0325	_ Stone Matrix Asphalt (3/8 inch Nominal Max)	5017031	35,242.000	Ton
0330	_ Ride Incentive	5017060	94,300.000	Dlr
0335	Conc Base Cse, Nonreinf, 9 inch	6020021	28,106.000	Syd

0340	Joint, Contraction, Cp	6020200	9,770.000	Ft
0345	Joint, Contraction, C3p	6020201	10,140.000	Ft
0350	Joint, Expansion, E2	6020207	216.000	Ft
0355	Joint, Expansion, E3	6020208	152.000	Ft
0360	Joint, Expansion, E4	6020209	66.000	Ft
0365	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	373.000	Syd
0370	Cement	6030005	20.000	Ton
0375	Cold Milling Conc Pavt	6030014	9,500.000	Syd
0380	Joint, Contraction, Crg	6030020	3,620.000	Ft
0385	Joint, Expansion, Erg	6030021	160.000	Ft
0390	Lane Tie, Epoxy Anchored	6030030	2,370.000	Ea
0395	Non-Chloride Accelerator	6030035	800.000	Gal
0400	Pavt Repr, Nonreinf Conc, 11 inch	6030050	68.000	Syd
0405	Pavt Repr, Nonreinf Conc, 13 inch	6030053	823.000	Syd
0410	Pavt Repr, Rem	6030080	891.000	Syd
0415	Saw Cut, Intermediate	6030090	380.000	Ft
0420	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	69,000.000	Ft
0425	_ Pavt Repr, Nonreinf Conc, Additional Thickness	6037021	75.000	Cyd
0430	Reinforcement, Steel, Culv and Headwall	7060091	400.000	Lb
0435	Conc, Grade 3500	7062001	10.000	Cyd
0440	_ Conduit, Clean and Test	8007001	250.000	Ft
0445	_ Fiber Optic, Cable, Reinstall	8007001	13,750.000	Ft
0450	_ Fiber Optic, Cable, Rem	8007001	17,650.000	Ft
0455	_ Hh, Clean	8007050	15.000	Ea
0460	_ Roadside Unit, Rem	8007050	1.000	Ea
0465	_ Underground Splice Enclosure	8007050	3.000	Ea
0470	_ System Testing	8007051	1.000	LSUM
0475	Downspout Header, Conc	8020070	9.000	Ea
0480	_ Curb and Gutter, Bridge Approach, Det 5, Modified	8027001	91.000	Ft
0485	_ Curb and Gutter, Bridge Approach, Det 6, Modified	8027001	89.000	Ft
0490	_ Curb and Gutter, Bridge Approach, Det 7, Modified	8027001	321.000	Ft
0495	_ Curb and Gutter, Conc, Det B1, Modified	8027001	1,284.000	Ft
0500	Detectable Warning Surface	8030010	38.000	Ft
0505	Curb Ramp Opening, Conc	8030030	49.000	Ft
0510	Sidewalk, Conc, 6 inch	8030046	150.000	Sft
0515	Curb Ramp, Conc, 6 inch	8032002	322.000	Sft
0520	Guardrail Approach Terminal, Type 2M	8070044	25.000	Ea
0525	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0530	Guardrail Departing Terminal, Type MGS	8070052	17.000	Ea
0535	Guardrail Reflector	8070080	614.000	Ea
0540	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0545	Guardrail Anch, Bridge, Det M7	8070136	5.000	Ea
0550	Guardrail Anch, Bridge, Det A3	8070150	8.000	Ea
0555	Cable, 1000 ft Spool	8070250	3.000	Ea
0560	Cable Barrier, Intermediate Line Post	8070251	200.000	Ea

0565	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	200.000	Ea
0570	Cable Barrier, Modified Line Post and Hardware	8070253	4.000	Ea
0575	Cable Barrier, Socket, Conc Fdn	8070254	40.000	Ea
0580	Cable Barrier, Driven Socket	8070255	40.000	Ea
0585	Cable Barrier, Turnbuckle	8070256	7.000	Ea
0590	Cable Barrier, Reflector	8070257	86.000	Ea
0595	Cable Barrier, Excluder Cap	8070258	200.000	Ea
0600	Cable Barrier, Wedge Lock Fitting	8070259	4.000	Ea
0605	Cable Barrier, Cable Splice Kit	8070260	30.000	Ea
0610	Cable Barrier Terminal, Materials	8070261	3.000	Ea
0615	Cable Barrier, High Tension, Repr Labor	8070262	20,000.000	Dlr
0620	Guardrail Anch, Bridge, Det M7, Curved	8072042	1.000	Ea
0625	Guardrail, Curved, Type B-CRT	8072154	38.000	Ft
0630	Guardrail, Type MGS-8, 72 inch Post	8072179	10,398.000	Ft
0635	Guardrail, Type MGS-8, 108 inch Post	8072180	3,388.000	Ft
0640	Guardrail, Type MGS-8D, 72 inch Post	8072181	29.000	Ft
0645	_ Hand Digging Guardrail Post	8077050	20.000	Ea
0650	Fence, Woven Wire with Steel Post	8080002	692.000	Ft
0655	Field Office, CI 1	8090001	8.000	Mo
0660	Field Office, Utility Fees	8090010	2,000.000	Dlr
0665	Delineator Reflector, Red	8100131	300.000	Ea
0670	Delineator Reflector, Yellow	8100132	200.000	Ea
0675	Delineator Reflector, Green	8100133	135.000	Ea
0680	Delineator Reflector, White	8100134	600.000	Ea
0685	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	150.000	Ea
0690	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	200.000	Ea
0695	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	200.000	Ea
0700	Perforated Steel Square Tube Breakaway System	8100330	9.000	Ea
0705	Delineator, Rem	8100349	1,120.000	Ea
0710	Post, Flexible, Delineator	8100360	280.000	Ea
0715	Post, Rigid, Delineator	8100361	875.000	Ea
0720	Post, Steel, 3 pound	8100371	404.000	Ft
0725	Post, Wood, 4 inch by 6 inch	8100380	70.000	Ft
0730	Sign, Type II, Erect, Salv	8100396	5.000	Ea
0735	Sign, Type III, Erect, Salv	8100402	27.000	Ea
0740	Sign, Type V, Erect, Salv	8100422	1.000	Ea
0745	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0750	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1.000	Ea
0755	Sign, Type II, Rem, Salv	8102002	5.000	Ea
0760	Sign, Type III, Rem, Salv	8102003	26.000	Ea
0765	Sign, Type V, Rem, Salv	8102005	1.000	Ea
0770	Ground Mtd Sign Support, Rem	8102010	35.000	Ea
0775	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	3.000	Ea

0780	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0785	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	17.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	13.000	Ea
0795	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	593.000	Ft
0800	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	101.000	Ft
0805	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	63.000	Ft
0810	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	364.000	Ft
0815	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	6,546.000	Ft
0820	Rem Spec Mrkg	8110343	120.000	Sft
0825	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0830	Pavt Mrkg, Ovly Cold Plastic, Exit	8110376	1.000	Ea
0835	Recessing Pavt Mrkg, Longit	8110450	213,042.000	Ft
0840	Recessing Pavt Mrkg, Transv	8110451	3,103.000	Sft
0845	Recessing Pavt Mrkg, Guide Line	8110453	123.000	Ft
0850	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	56.000	Ft
0855	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Thru Guide Line, White	8110566	68.000	Ft
0860	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	117,556.000	Ft
0865	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	7,979.000	Ft
0870	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	94,611.000	Ft
0875	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	38.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	38.000	Ea
0885	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0890	Pedestrian Type II Channelizer, Temp	8120027	50.000	Ft
0895	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0900	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
0905	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
0910	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0915	Conc Barrier, Temp, Adj	8120080	2,940.000	Ft
0920	Conc Barrier, Temp, Furn	8120081	3,060.000	Ft
0925	Conc Barrier, Temp, Oper	8120082	3,060.000	Ft
0930	Conc Barrier, Temp, Relocated	8120083	80.000	Ft
0935	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	40.000	Ea
0940	Culv, Temp	8120090	1.000	Ea
0945	Delineator, Flexible, Temp, Furn	8120091	400.000	Ea
0950	Delineator, Flexible, Temp, Oper	8120092	400.000	Ea
0955	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0960	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0965	Ltg for Night Work	8120160	1.000	LSUM
0970	Minor Traf Devices	8120170	1.000	LSUM
0975	Mobile Attenuator	8120180	4.000	Ea
0980	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	310,000.000	Ft
0985	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	8,000.000	Ft

0990	Plastic Drum, Fluorescent, Furn	8120252	2,100.000	Ea
0995	Plastic Drum, Fluorescent, Oper	8120253	2,100.000	Ea
1000	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	500.000	Ft
1005	Sign Cover	8120310	30.000	Ea
1010	Sign Cover, Type I	8120320	25.000	Ea
1015	Sign, Portable, Changeable Message, Furn	8120330	10.000	Ea
1020	Sign, Portable, Changeable Message, Oper	8120331	10.000	Ea
1025	Sign, Type B, Temp, Prismatic, Furn	8120350	5,700.000	Sft
1030	Sign, Type B, Temp, Prismatic, Oper	8120351	5,700.000	Sft
1035	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	500.000	Sft
1040	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	500.000	Sft
1045	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	680.000	Ft
1050	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	680.000	Ft
1055	Conc Barrier, Temp, Limited Deflection, Det 4A, Furn	8121300	280.000	Ft
1060	Conc Barrier, Temp, Limited Deflection, Det 4A, Oper	8121301	280.000	Ft
1065	Conc Barrier, Temp, Limited Deflection, Det 4B, Furn	8121320	280.000	Ft
1070	Conc Barrier, Temp, Limited Deflection, Det 4B, Oper	8121321	280.000	Ft
1075	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	83,000.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	95,000.000	Ft
1085	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	228,000.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	86,000.000	Ft
1095	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	1,200.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	3,400.000	Ft
1105	Speed Radar Trailer, Temp	8122028	4.000	Ea
1110	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,800.000	Ft
1115	Pedestrian Path, Temp	8122250	50.000	Ft
1120	Pedestrian Ramp, Temp	8122251	1.000	Ea
1125	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	6.000	Ea
1130	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	6.000	Ea
1135	Riprap, Plain	8130010	229.000	Syd
1140	_ Turf Establishment, Performance	8167011	227,180.000	Syd
1145	Conduit, Rem	8182000	400.000	Ft
1150	Conduit, Directional Bore, 2, 3 inch	8182037	2,365.000	Ft
1155	Conduit, DB, 1, 1 1/4 inch	8182047	50.000	Ft
1160	Conduit, DB, 1, 1 1/2 inch	8182048	305.000	Ft
1165	Conduit, DB, 1, 3 inch	8182050	50.000	Ft
1170	Conduit, DB, 3, 3 inch	8182056	170.000	Ft
1175	Conduit, DB, 4, 3 inch	8182059	60.000	Ft
1180	Cable, Rem	8182196	1,300.000	Ft

1185	Cable, Sec, 600V, 1, 3/C#6	8182238	1,159.000	Ft
1190	Hh, Polymer Conc	8182309	8.000	Ea
1195	Hh, Round	8182310	13.000	Ea
1200	Hh, Round, 3 foot dia	8182319	8.000	Ea
1205	Hh, Adj	8182328	38.000	Ea
1210	Hh, Rem	8182330	8.000	Ea
1215	Wood Pole, Cl 4, 40 foot	8182351	4.000	Ea
1220	Wood Pole, Rem	8182363	13.000	Ea
1225	Serv Disconnect	8182366	5.000	Ea
1230	Serv Disconnect, Rem	8182367	5.000	Ea
1235	Case Sign, Two Way, 24 inch by 30 inch, Salv	8200008	1.000	Ea
1240	Case Sign, Rem	8200020	10.000	Ea
1245	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	5.000	Ea
1250	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	6.000	Ea
1255	Controller and Cabinet, Rem	8200030	5.000	Ea
1260	Controller Fdn, Base Mtd	8200045	5.000	Ea
1265	Controller Fdn, Rem	8200046	3.000	Ea
1270	Global Positioning System Module, Rem	8200053	1.000	Ea
1275	Fdn, Rem	8200065	3.000	Ea
1280	TS, Managed Field Ethernet Switch, Rem	8200087	1.000	Ea
1285	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	4.000	Ea
1290	Pedestal, Alum	8200100	6.000	Ea
1295	Pedestal, Fdn	8200105	6.000	Ea
1300	Pedestal Fdn, Rem	8200106	4.000	Ea
1305	Pedestal, Rem	8200110	4.000	Ea
1310	Power Co. (Est. Cost to Contractor)	8200116	5,000.000	Dlr
1315	Pushbutton and Sign	8200121	8.000	Ea
1320	Pushbutton, Rem	8200122	2.000	Ea
1325	Span Wire	8200140	18.000	Ea
1330	Span Wire, Rem	8200141	13.000	Ea
1335	Span Wire Tether	8200142	15.000	Ea
1340	Steel Pole, Rem	8200145	4.000	Ea
1345	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
1350	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
1355	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1360	TS, Span Wire Mtd, Rem	8200182	24.000	Ea
1365	Cabinet, NEMA Type	8200186	5.000	Ea
1370	TS, Wireless Link, 5 Gigahertz, Remote	8200275	7.000	Ea
1375	TS, Wireless Link, Rem	8200280	7.000	Ea
1380	TS, One Way Span Wire Mtd (LED)	8200313	32.000	Ea
1385	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
1390	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1395	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea

1400	TS, Antenna, Rem	8200368	1.000	Ea
1405	Bracket, Truss, With 6 Foot Arm	8200374	1.000	Ea
1410	Bracket, Truss, With 12 Foot Arm	8200376	1.000	Ea
1415	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
1420	Video Traf Detection System, Rem	8200383	4.000	Ea
1425	Video Traf Detection Camera, Rem	8200384	7.000	Ea
1430	Bracket, Truss, Rem	8200388	9.000	Ea
1435	Hemispherical Video Detection Camera	8200444	5.000	Ea
1440	Hemispherical Video Detection System	8200445	5.000	Ea
1445	TS Head, Adj	8200452	47.000	Ea
1450	TS Head, Temp	8200453	6.000	Ea
1455	Junction Box, Span Wire	8200456	15.000	Ea
1460	Junction Box, Rem	8200457	7.000	Ea
1465	TS Face, Bag	8200458	7.000	Ea
1470	TS Face, Bag, Rem	8200459	7.000	Ea
1475	Strain Pole, Steel, 6 bolt, 30 foot	8200460	16.000	Ea
1480	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
1485	Strain Pole Fdn, 6 Bolt	8200470	302.000	Ft
1490	Casing	8200480	117.000	Ft
1495	Cellular Modem, TS, 4th G	8200498	5.000	Ea
1500	Cellular Modem, Salv	8200499	2.000	Ea
1505	Backplate, TS	8200501	34.000	Ea
1510	Backplate, TS, Rem	8200502	6.000	Ea
1515	_ Controller, NEMA, ATC Type	8207050	5.000	Ea
1520	Monument Box Adj	8210005	5.000	Ea
1525	Protect Corners	8210020	5.000	Ea
1530	Freeway Shld Corrugations, Milled, HMA	8222001	137,950.000	Ft
1535	Contractor Staking	8240001	1.000	LSUM
1540	Staking Plan Errors and Extras, Max \$180/hour	8240002	296.000	Hr
1545	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1550	Lightning Protection, Pole	8260021	4.000	Ea
1555	Fiber Optic, Cable, Single Mode Fiber, 24 Strand	8260048	8,900.000	Ft
1560	Fiber Optic, Cable, Single Mode Fiber, 60 Strand	8260051	4,500.000	Ft
1565	Fiber Optic, Marker, Above Ground	8260069	7.000	Ea
1570	Tracer Wire	8260070	4,030.000	Ft
1575	Fiber Optic, Pigtail	8260071	20.000	Ea
1580	Fiber Optic, Jumper	8260072	6.000	Ea

Section: 2

1585	Excavation, Fdn	2060010	1,838.000	Cyd
1590	Erosion Control, Turbidity Curtain, Deep	2080042	332.000	Ft
1595	_ Articulating Conc Block System, 6 inch	2087011	277.000	Syd
1600	Bridge Ltg, Furn and Rem (B01-3 of 50112)	7060001	1.000	LSUM
1605	Bridge Ltg, Furn and Rem (B01-4 of 50112)	7060001	1.000	LSUM
1610	Bridge Ltg, Furn and Rem (S04 of 50112)	7060001	1.000	LSUM

1615	Bridge Ltg, Oper and Maintain	7060002	135.000	Cyd
1620	Expansion Joint Device	7060050	206.000	Ft
1625	False Decking	7060060	21,117.000	Sft
1630	Reinforcement, Steel, Epoxy Coated	7060092	38,000.000	Lb
1635	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01-3 of 50112)	7060112	1.000	LSUM
1640	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01-4 of 50112)	7060112	1.000	LSUM
1645	Superstructure Conc, Night Casting, High Performance	7060117	48.000	Cyd
1650	Sealing Localized Cracks	7060220	1.000	LSUM
1655	Sealing Localized Cracks (B01-3 of 50112)	7060220	1.000	LSUM
1660	Sealing Localized Cracks (B01-4 of 50112)	7060220	1.000	LSUM
1665	Conc, Grade 4500HP	7062004	32.000	Cyd
1670	_ Mesh Panels, Rem, Salv, and Install	7077010	3,291.000	Sft
1675	_ Shear Developer, Rem	7077050	752.000	Ea
1680	_ Shear Developer, Spec	7077050	76.000	Ea
1685	_ Structures, Rehabilitation, Rem Portions (B01-3 of 50112), Modified	7077051	1.000	LSUM
1690	_ Structures, Rehabilitation, Rem Portions (B01-4 of 50112), Modified	7077051	1.000	LSUM
1695	Joint Waterproofing	7100001	258.000	Sft
1700	Conc Surface Coating, Warranty (B01-3 of 50112)	7100009	1.000	LSUM
1705	Conc Surface Coating, Warranty (B01-4 of 50112)	7100009	1.000	LSUM
1710	Conc Surface Coating, Warranty (S02 of 50112)	7100009	1.000	LSUM
1715	Conc Surface Coating, Warranty (S03 of 50112)	7100009	1.000	LSUM
1720	Conc Surface Coating, Warranty (S04 of 50112)	7100009	1.000	LSUM
1725	Substructure Horizontal Surface Sealer	7100030	18.000	Syd
1730	Substructure Horizontal Surface Sealer (B01-3 of 50112)	7100030	41.000	Syd
1735	Substructure Horizontal Surface Sealer (B01-4 of 50112)	7100030	41.000	Syd
1740	Substructure Horizontal Surface Sealer (S02 of 50112)	7100030	30.000	Syd
1745	Substructure Horizontal Surface Sealer (S04 of 50112)	7100030	11.000	Syd
1750	_ Silane Treatment	7107010	13,174.000	Sft
1755	Reflective Marker, Permanent Barrier	7110003	12.000	Ea
1760	Bridge Railing, Thrie Beam Retrofit	7110006	1,679.000	Ft
1765	Bridge Barrier Railing, Type 6, High Performance	7110017	496.000	Ft
1770	Hand Chipping, Deep	7120004	51.000	Syd
1775	Hand Chipping, Other Than Deck	7120007	707.000	Cft
1780	Patch, Full Depth	7120010	5.000	Cyd
1785	Patch, Forming	7120017	2,710.000	Sft
1790	Epoxy Ovly, Warranty	7120022	2,916.000	Syd
1795	Bridge Deck Surface Construction	7120025	775.000	Syd
1800	Conc, Silica Fume Modified	7120027	87.000	Cyd
1805	Structures, Rehabilitation, Rem Portions (S02 of 50112)	7120070	1.000	LSUM
1810	Structures, Rehabilitation, Rem Portions (S03 of	7120070	1.000	LSUM

	50112)			
1815	Structures, Rehabilitation, Rem Portions (S04 of 50112)	7120070	1.000	LSUM
1820	Deck Joint, Rem	7120071	212.000	Ft
1825	Latex Conc Surface, Rem	7120072	775.000	Syd
1830	Hydrodemolition, First Pass	7120076	775.000	Syd
1835	Hydrodemolition, 2nd Pass	7120077	78.000	Syd
1840	Flushing Cracks, Water	7120098	112.000	Ft
1845	Structural Crack, Repr	7120099	404.000	Ft
1850	Top Flanges and Beam Ends, Clean and Coat	7120100	54.000	Syd
1855	Patching Conc, C-L	7120112	35.000	Cyd
1860	Embedded Galvanic Anode	7120120	1,347.000	Ea
1865	Hand Chipping, Full Depth	7122000	109.000	Cft
1870	Bridge Joint, Strip Seal Gland Replacement	7122005	269.000	Ft
1875	_ Bridge Joints, Clean and Seal	7127001	258.000	Ft
1880	_ Deck, Scaling	7127010	104.000	Sft
1885	Beam Plate, Seal Perimeter	7130010	678.000	Ft
1890	Cutting Beam Ends, Simple Span	7130020	12.000	Ea
1895	Support, Column, Temp	7130080	11.000	Ea
1900	Steel Structure, Cleaning, Type 4 (B01-3 of 50112)	7150045	1.000	LSUM
1905	Steel Structure, Cleaning, Type 4 (B01-4 of 50112)	7150045	1.000	LSUM
1910	Steel Structure, Coating, Type 4 (B01-3 of 50112)	7150046	1.000	LSUM
1915	Steel Structure, Coating, Partial, Type 4 (B01-4 of 50112)	7150048	1.000	LSUM
1920	Field Repr of Damaged Coating (B01-3 of 50112)	7160001	1.000	LSUM
1925	Field Repr of Damaged Coating (B01-4 of 50112)	7160001	1.000	LSUM
1930	Drain Casting Assembly, Type 1	7172020	24.000	Ea
1935	_ Slope Protection, Replace	8137011	40.000	Syd
1940	_ Riprap, Spec, Class II	8137031	4,641.000	Ton
1945	_ Riprap, Under Structures, Class II	8137031	366.000	Ton



9/30/2022 7:04 AM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 004**Letting Date:** November 4, 2022**Contract ID:** 25092-132779

Description: 6.91 mi of hot mix asphalt cold milling and resurfacing, intersection safety improvement, culvert replacement, center left turn lane extensions, guardrail upgrades, signing, water main and sanitary sewer relocation, scour protection on 2 structures and pavement markings on M-15 from Potter Road to Dodge Road and on M-54 over the Flint River and M-25 over Dixie Park Plat Drain, St. Clair and Genesee Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132779A	22A0975	N/A	HIPB 25092
201938A	22A0976	N/A	ST 25092
203154A	20A0300	N/A	ST 25072
203155A	N/A	N/A	M 77033
203424A	20A0302	N/A	ST 25092
209392A	22A0978	N/A	HSIP 25092

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$761,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.060	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	16.000	Ea
0025	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0030	_ Debris, Rem	2027050	2.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	111.000	Ft
0045	Curb and Gutter, Rem	2040020	2,785.000	Ft
0050	Guardrail, Rem	2040035	815.000	Ft
0055	Pavt, Rem	2040050	3,675.000	Syd
0060	Exploratory Investigation, Vertical	2040080	200.000	Ft
0065	Ditch Cleanout	2050006	73.000	Sta
0070	Berm Grading	2050008	73.000	Sta
0075	Embankment, CIP	2050010	1,570.000	Cyd
0080	Excavation, Earth	2050016	18,368.000	Cyd
0085	Non Haz Contaminated Material Handling and Disposal, LM	2050031	160.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0095	Subgrade Undercutting, Type III	2050042	200.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	100.000	Ft

0105	Erosion Control, Filter Bag	2080014	5.000	Ea
0110	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0115	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0120	Erosion Control, Inlet Protection, Sediment Trap	2080024	20.000	Ea
0125	Erosion Control, Maintenance, Sediment Rem	2080026	30.000	Cyd
0130	Erosion Control, Silt Fence	2080036	8,891.000	Ft
0135	Erosion Control, Turbidity Curtain, Deep	2080042	70.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0145	Subbase, CIP	3010002	12,392.000	Cyd
0150	Aggregate Base, 6 inch	3020016	30,550.000	Syd
0155	Aggregate Base, 12 inch	3020030	1,667.000	Syd
0160	_ Aggregate Base, 18 inch	3027011	2,000.000	Syd
0165	Approach, CI II	3070021	491.000	Ton
0170	Approach, CI II, 6 inch	3070028	302.000	Syd
0175	_ Shld, CI II, Modified	3077031	7,531.000	Ton
0180	Road Grade Biaxial Geogrid	3082002	578.000	Syd
0185	Culv End Sect, 12 inch	4010012	17.000	Ea
0190	Culv End Sect, Footing	4010072	11.000	Ea
0195	Culv, CI A, 12 inch	4010131	92.000	Ft
0200	Culv, CI F, 12 inch	4010607	504.000	Ft
0205	Culv, Downspout, 12 inch	4010795	32.000	Ft
0210	Dr Marker Post	4011109	20.000	Ea
0215	Steel Casing Pipe, 20 inch, Jacked in Place	4011123	23.000	Ft
0220	_ Steel Casing Pipe, 20 inch, Tr Det F	4017001	111.000	Ft
0225	Sewer, CI A, 12 inch, Tr Det A	4020004	54.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0235	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0240	Dr Structure Cover, Type J	4030045	3.000	Ea
0245	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	1,500.000	Ft
0255	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0260	Underdrain, Outlet Ending, 6 inch	4040113	15.000	Ea
0265	Cold Milling HMA Surface	5010002	127,605.000	Syd
0270	Bump Grinding	5010004	125.000	Syd
0275	HMA Surface, Rem	5010005	23,345.000	Syd
0280	HMA Quality Initiative	5010007	74,908.000	Dlr
0285	Longit Joint Density Quality Initiative	5010018	230,115.000	Dlr
0290	Hand Patching	5010025	4,157.000	Ton
0295	HMA Approach	5010061	2,696.000	Ton
0300	HMA Approach, High Stress	5010520	142.000	Ton
0305	HMA, 3EML	5012013	4,232.000	Ton
0310	HMA, 4EML	5012025	13,768.000	Ton
0315	HMA, 5EML	5012037	11,521.000	Ton
0320	HMA, 4EML, High Stress	5012073	775.000	Ton
0325	HMA, 5EML, High Stress	5012085	800.000	Ton

0330	HMA, Temp Pavt (4EL)	5012102	115.000	Ton
0335	HMA, Temp Pavt (5EL)	5012104	115.000	Ton
0340	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	1,600.000	Ft
0345	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	3,700.000	Ft
0350	_ Ride Incentive	5017060	43,943.000	Dlr
0355	_ Pavt, Rem, Modified	6037011	1,200.000	Syd
0360	Reinforcement, Steel, Culv and Headwall	7060091	80.000	Lb
0365	Driveway, Nonreinf Conc, 6 inch	8010005	343.000	Syd
0370	Curb and Gutter, Conc, Det B1	8020015	80.000	Ft
0375	Curb and Gutter, Conc, Det B2	8020016	2,598.000	Ft
0380	Curb and Gutter, Conc, Det D2	8020031	1,972.000	Ft
0385	Driveway Opening, Conc, Det M	8020050	673.000	Ft
0390	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0395	Downspout Header, Conc	8020070	2.000	Ea
0400	Spillway, Conc	8020075	12.000	Ft
0405	Guardrail Approach Terminal, Type 2M	8070044	22.000	Ea
0410	Guardrail Departing Terminal, Type B	8070050	10.000	Ea
0415	Guardrail Post, Culv	8070070	4.000	Ea
0420	Guardrail, Salv	8070075	6,835.000	Ft
0425	Guardrail Reflector	8070080	276.000	Ea
0430	Post, Mailbox	8070095	26.000	Ea
0435	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0440	Guardrail, Long Span, Det MGS-3	8072123	2.000	Ea
0445	Guardrail, Curved, Type B-CRT	8072154	190.000	Ft
0450	Guardrail, Type MGS-8, 72 inch Post	8072179	4,931.000	Ft
0455	Guardrail, Type MGS-8, 108 inch Post	8072180	626.000	Ft
0460	Delineator Reflector, Green	8100133	28.000	Ea
0465	Fdn, Wood Support, Rem	8100280	2.000	Ea
0470	Post, Rigid, Delineator	8100361	28.000	Ea
0475	Post, Steel, 3 pound	8100371	280.000	Ft
0480	Post, Wood, 4 inch by 6 inch	8100380	30.000	Ft
0485	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0490	Sign, Type III, Erect, Salv	8100402	14.000	Ea
0495	Sign, Type III, Rem	8100403	9.000	Ea
0500	Sign, Type IIIB	8100405	55.000	Sft
0505	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0510	Sign, Type III, Rem, Salv	8102003	13.000	Ea
0515	Ground Mtd Sign Support, Rem	8102010	16.000	Ea
0520	_ Enhanced Delineation, Unidirectional, Guardrail, Channel Mtd	8107001	513.000	Ft
0525	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
0530	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	12.000	Ea
0535	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	7.000	Ea
0540	Pavt Mrkg, Polyurea, 6 inch, White	8110094	88,682.000	Ft
0545	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	56,551.000	Ft

0550	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	200.000	Ft
0555	Witness, Log, \$1,250.00	8110351	1.000	Dlr
0560	Recessing Pavt Mrkg, Longit	8110450	145,233.000	Ft
0565	Recessing Pavt Mrkg, Transv	8110451	1,188.000	Sft
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	36.000	Ea
0575	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	36.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0585	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0595	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	6,660.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	113,102.000	Ft
0605	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0615	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0620	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0625	Sign Cover	8120310	10.000	Ea
0630	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0635	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	2,822.000	Sft
0645	Sign, Type B, Temp, Prismatic, Oper	8120351	2,822.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0655	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	171,000.000	Ft
0660	Riprap, Plain	8130010	146.000	Syd
0665	_ Geotextile Containers	8137011	470.000	Syd
0670	_ Riprap, Spec, Class 1	8137031	751.000	Ton
0675	Slope Restoration, Non-Freeway, Type B	8162002	11,734.000	Syd
0680	Slope Restoration, Non-Freeway, Type E	8162005	2,220.000	Syd
0685	_ Turf Establishment, Performance	8167011	1,445.000	Syd
0690	Monument Box	8210001	1.000	Ea
0695	Monument Box Adj	8210005	6.000	Ea
0700	Monument Preservation	8210010	1.000	Ea
0705	Protect Corners	8210020	6.000	Ea
0710	Centerline Corrugations, Milled, HMA	8220013	36,432.000	Ft
0715	Gate Valve and Box, 12 inch	8230054	2.000	Ea
0720	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0725	Hydrant, Relocate, Case 2	8230096	1.000	Ea
0730	Water Main, DI, 12 inch, Tr Det F	8230165	175.000	Ft
0735	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0740	Gate Box, Adj, Case 1	8230431	2.000	Ea

0745	Polyethylene Encasement	8230440	198.000	Ft
0750	Water Main, DI, 12 inch	8232008	23.000	Ft
0755	Sanitary Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	8252081	8.000	Ft
0760	_ Sanitary Sewer, Conc, 12 inch	8257001	111.000	Ft
0765	_ Sanitary Structure Cover, Type Q, Modified	8257050	2.000	Ea
0770	_ Sanitary Structure, 60 inch dia, Modified	8257050	2.000	Ea

Section: 2

0775	Structures, Rem (C02 of 25092)	2040060	1.000	LSUM
0780	Structures, Rem Portions (C04 of 77033)	2040061	1.000	LSUM
0785	Flowable Fill, Non-Structural	2050148	20.000	Cyd
0790	Backfill, Structure, CIP	2060002	489.000	Cyd
0795	Excavation, Fdn	2060010	1,060.000	Cyd
0800	_ Dewatering System, Excavation	2067050	1.000	Ea
0805	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0810	Erosion Control, Gravel Filter Berm	2080018	270.000	Ft
0815	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0820	Erosion Control, Sediment Trap	2080034	1.000	Ea
0825	Geotextile, Separator	3080005	407.000	Syd
0830	Underdrain, Fdn, 6 inch	4040033	202.000	Ft
0835	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0840	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0845	Culv Bedding, Box Culv	4060005	100.000	Cyd
0850	_ Culv, Precast Conc Box, 16 foot by 8 foot	4067001	75.000	Ft
0855	Steel Sheet Piling, Permanent	7040001	2,190.000	Sft
0860	_ Bypass Pumping	7047050	1.000	Ea
0865	_ Construction Dam	7047050	1.000	Ea
0870	Reinforcement, Steel, Epoxy Coated	7060092	3,767.000	Lb
0875	Liner, PVC, 30 mil	7060209	311.000	Syd
0880	Conc, Grade 3500	7062001	24.000	Cyd
0885	Joint Waterproofing	7100001	174.000	Sft

Schedule of Pay Items

Report v1

Letting Call: 221104 005

Letting Date: November 4, 2022

Contract ID: 23071-208759

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

Project Information

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	__ Railroad Protection, at Grade Crossing, CSX Transportation	1027060	10,000.000	Dlr
0010	Mobilization, Max \$258,000.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	1,122.000	Ft
0020	Pavt, Rem	2040050	251.000	Syd
0025	Sidewalk, Rem	2040055	458.000	Syd
0030	Exploratory Investigation, Vertical	2040080	40.000	Ft
0035	Embankment, CIP	2050010	130.000	Cyd
0040	Excavation, Earth	2050016	633.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0050	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0055	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0060	Erosion Control, Silt Fence	2080036	814.000	Ft
0065	Project Cleanup	2090001	1.000	LSUM
0070	Subbase, CIP	3010002	464.000	Cyd
0075	Aggregate Base, 4 inch	3020010	588.000	Syd
0080	Aggregate Base, 6 inch	3020016	831.000	Syd
0085	Shld, CI II	3070121	2,830.000	Ton
0090	Shld, CI II, 4 inch	3070126	13.000	Syd
0095	Sewer, CI A, 12 inch, Tr Det B	4020033	15.000	Ft
0100	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0105	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0110	Dr Structure Cover, Type B	4030010	4.000	Ea

0115	Dr Structure Cover, Type K	4030050	2.000	Ea
0120	Dr Structure, 24 inch dia	4030200	2.000	Ea
0125	Dr Structure, Cleaning	4030290	1.000	Ea
0130	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0135	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0140	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0145	Underdrain, Subbase, 6 inch	4040063	424.000	Ft
0150	Pavt, Cleaning	5010001	1.000	LSUM
0155	Cold Milling HMA Surface	5010002	111,152.000	Syd
0160	HMA Surface, Rem	5010005	298.000	Syd
0165	HMA Quality Initiative	5010007	20,174.000	Dlr
0170	Longit Joint Density Quality Initiative	5010018	44,324.000	Dlr
0175	Hand Patching	5010025	41.000	Ton
0180	HMA Approach	5010061	367.000	Ton
0185	HMA Approach, High Stress	5010520	147.000	Ton
0190	HMA, 5EML	5012037	8,065.000	Ton
0195	HMA, 5EML, High Stress	5012085	1,467.000	Ton
0200	Overband Crack Fill, Lane	5020003	1.800	Lnmi
0205	Chip Seal, Single, Warranty	5050040	15,681.000	Syd
0210	Conc Pavt, Nonreinf, 10 inch	6020108	50.000	Syd
0215	_ Conc Base Cse, Nonreinf, 5 1/2 inch	6027011	22.000	Syd
0220	Curb and Gutter, Conc, Det C3	8020022	43.000	Ft
0225	Curb and Gutter, Conc, Det F2	8020036	20.000	Ft
0230	Curb and Gutter, Conc, Det F3	8020037	11.000	Ft
0235	Curb and Gutter, Conc, Det F4	8020038	112.000	Ft
0240	Curb and Gutter, Conc, Det F6	8020040	410.000	Ft
0245	Detectable Warning Surface	8030010	418.000	Ft
0250	Curb Ramp Opening, Conc	8030030	686.000	Ft
0255	Sidewalk, Conc, 4 inch	8030044	1,085.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	994.000	Sft
0265	Curb Ramp, Conc, 6 inch	8032002	1,886.000	Sft
0270	_ Brick Pavers, Rem and Salv	8037010	1,125.000	Sft
0275	_ Curb Ramp, Conc, 6 inch, Decorative	8037010	495.000	Sft
0280	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	211.000	Sft
0285	Shared use Path, Conc	8060020	66.000	Syd
0290	Shared use Path, Grading	8060030	34.000	Ft
0295	Band, Sign	8100010	8.000	Ea
0300	Post, Steel, 3 pound	8100371	244.000	Ft
0305	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0310	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0315	Sign, Type IIB	8100399	28.000	Sft
0320	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0325	Sign, Type III, Rem	8100403	10.000	Ea
0330	Sign, Type IIIA	8100404	36.000	Sft
0335	Sign, Type IIIB	8100405	105.000	Sft

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

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

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

Schedule of Pay Items

Report v1

Letting Call: 221104 006

Letting Date: November 4, 2022

Contract ID: 49031-203783

Description: 9.97 mi of hot mix asphalt crushing, shaping and resurfacing, drainage, signal work and pavement markings on M-117 from US-2 to the north Mackinac County line, Mackinac County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203783A	22A0997	N/A	NH 49031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Railroad Protection, at Grade Crossing, Wisconsin Central Railroad	1027060	30,000.000	Dlr
0010	Mobilization, Max \$585,500.00	1100001	1.000	LSUM
0015	Clearing	2010001	4.000	Acre
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	7.000	Ea
0035	Dr Structure, Rem	2030011	17.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	1,123.000	Ft
0045	Curb and Gutter, Rem	2040020	2,523.000	Ft
0050	Guardrail, Rem	2040035	4,610.000	Ft
0055	Sidewalk, Rem	2040055	432.000	Syd
0060	Exploratory Investigation, Vertical	2040080	40.000	Ft
0065	Ditch Cleanout	2050006	10.000	Sta
0070	Embankment, CIP	2050010	917.000	Cyd
0075	Excavation, Earth	2050016	3,439.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0085	Flowable Fill, Non-Structural	2050148	15.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	26.000	Ea
0095	Erosion Control, Inlet Protection, Sediment Trap	2080024	9.000	Ea
0100	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0105	Erosion Control, Sediment Trap	2080034	1.000	Ea
0110	Erosion Control, Silt Fence	2080036	722.000	Ft
0115	Subbase, CIP	3010002	2,273.000	Cyd
0120	Aggregate Base, 6 inch	3020016	4,423.000	Syd
0125	Aggregate Base, 9 inch	3020022	225.000	Syd
0130	HMA Base Crushing and Shaping	3050002	258,800.000	Syd

0135	Material, Surplus and Unsuitable, Rem, LM	3050010	240.000	Cyd
0140	Salv Crushed Material, LM	3050015	161.000	Cyd
0145	Driveway Maintenance, Commercial	3062000	4.000	Ea
0150	Driveway Maintenance, Residential	3062001	7.000	Ea
0155	Intersection Maintenance	3062002	5.000	Ea
0160	Approach, CI I	3070001	293.000	Ton
0165	Approach, CI II	3070021	783.000	Ton
0170	Shld, CI II	3070121	17,007.000	Ton
0175	Trenching	3070200	5.000	Sta
0180	Culv End Sect, 18 inch	4010018	2.000	Ea
0185	Culv End Sect, Footing	4010072	1.000	Ea
0190	Culv, CI A, Conc, 24 inch	4010168	36.000	Ft
0195	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	11.000	Ea
0200	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	72.000	Ea
0205	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	14.000	Ea
0210	Dr Marker Post	4011109	3.000	Ea
0215	Culv End Sect 24 inch, Grate	4012024	1.000	Ea
0220	_ Culv Cleanout	4017001	433.000	Ft
0225	_ Culv, Adj	4017001	12.000	Ft
0230	_ Cured-In-Place Pipe Lining, 18 inch	4017001	56.000	Ft
0235	Sewer, CI A, 12 inch, Tr Det B	4020033	434.000	Ft
0240	Sewer, CI A, 15 inch, Tr Det B	4020034	323.000	Ft
0245	Sewer, CI A, 18 inch, Tr Det B	4020035	458.000	Ft
0250	Sewer, CI E, 12 inch, Tr Det B	4020600	120.000	Ft
0255	Sewer Bulkhead, 18 inch	4021232	5.000	Ea
0260	Video Taping Sewer and Culv Pipe	4021275	1,335.000	Ft
0265	Dr Structure Cover, Type B	4030010	5.000	Ea
0270	Dr Structure Cover, Type J	4030045	1.000	Ea
0275	Dr Structure Cover, Type K	4030050	18.000	Ea
0280	Dr Structure, 24 inch dia	4030200	7.000	Ea
0285	Dr Structure, 48 inch dia	4030210	16.000	Ea
0290	Dr Structure, 72 inch dia	4030230	1.000	Ea
0295	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	19.000	Ft
0300	Underdrain, Subbase, 6 inch	4040063	1,785.000	Ft
0305	Underdrain Outlet, 6 inch	4040093	126.000	Ft
0310	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0315	Video Inspection of Underdrain	4040200	1,785.000	Ft
0320	Cold Milling HMA Surface	5010002	745.000	Syd
0325	Bump Grinding	5010004	100.000	Syd
0330	HMA Surface, Rem	5010005	6,016.000	Syd
0335	HMA Quality Initiative	5010007	73,288.000	Dlr
0340	Longit Joint Density Quality Initiative	5010018	111,000.000	Dlr
0345	HMA Approach	5010061	1,057.000	Ton
0350	HMA, 3EML	5012013	622.000	Ton

0355	HMA, 4EML	5012025	19,980.000	Ton
0360	HMA, 5EML	5012037	14,985.000	Ton
0365	_ Ride Incentive	5017060	62,141.000	Dlr
0370	Membrane, Preformed Waterproofing	7100008	900.000	Sft
0375	Bridge Railing, Thrie Beam Retrofit	7110006	26.000	Ft
0380	Driveway, Nonreinf Conc, 6 inch	8010005	133.000	Syd
0385	Curb and Gutter, Conc, Det B2	8020016	1,207.000	Ft
0390	Curb and Gutter, Conc, Det F4	8020038	1,575.000	Ft
0395	Driveway Opening, Conc, Det M	8020050	199.000	Ft
0400	Detectable Warning Surface	8030010	47.000	Ft
0405	Curb Ramp Opening, Conc	8030030	125.000	Ft
0410	Sidewalk, Conc, 4 inch	8030044	3,982.000	Sft
0415	Sidewalk, Conc, 6 inch	8030046	690.000	Sft
0420	Curb Ramp, Conc, 6 inch	8032002	900.000	Sft
0425	Guardrail Approach Terminal, Type 2M	8070044	19.000	Ea
0430	Guardrail Departing Terminal, Type B	8070050	5.000	Ea
0435	Guardrail Reflector	8070080	224.000	Ea
0440	Guardrail Anch, Bridge, Det A3	8070150	3.000	Ea
0445	Guardrail Anch, Bridge, Det A5	8070152	1.000	Ea
0450	Guardrail, Curved, Type B-CRT	8072154	151.000	Ft
0455	Guardrail, Type B, 96 inch Post	8072172	13.000	Ft
0460	Guardrail, Type MGS-8, 108 inch Post	8072180	4,141.000	Ft
0465	Delineator Reflector, Green	8100133	24.000	Ea
0470	Delineator Reflector, White	8100134	584.000	Ea
0475	Post, Rigid, Delineator	8100361	316.000	Ea
0480	Post, Steel, 3 pound	8100371	694.000	Ft
0485	Sign, Type IIA	8100398	9.000	Sft
0490	Sign, Type III, Erect, Salv	8100402	17.000	Ea
0495	Sign, Type III, Rem	8100403	32.000	Ea
0500	Sign, Type IIIA	8100404	36.000	Sft
0505	Sign, Type IIIB	8100405	127.000	Sft
0510	Sign, Type VB	8100425	64.000	Sft
0515	Sign, Type III, Rem, Salv	8102003	17.000	Ea
0520	Ground Mtd Sign Support, Rem	8102010	13.000	Ea
0525	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	132.000	Ft
0530	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	124.000	Ft
0535	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0540	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0545	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0550	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0555	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0560	Recessing Pavt Mrkg, Longit	8110450	125,190.000	Ft
0565	Recessing Pavt Mrkg, Transv	8110451	912.000	Sft
0570	Protective Ovly, Snowmobile Trail Crossing	8110550	60.000	Syd
0575	Pavt Mrkg, Modified Epoxy, 6 inch, Crosswalk	8112230	280.000	Ft

0580	Pavt Mrkg, Modified Epoxy, 12 inch, Crosswalk	8112231	102.000	Ft
0585	Pavt Mrkg, Modified Epoxy, 6 inch, White	8112238	103,260.000	Ft
0590	Pavt Mrkg, Modified Epoxy, 6 inch, Yellow	8112242	21,930.000	Ft
0595	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0605	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0610	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	900.000	Ea
0615	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	900.000	Ea
0620	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0625	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0635	Pavt Mrkg Cover, Type R, Black	8120200	175.000	Ft
0640	Sign Cover	8120310	2.000	Ea
0645	Sign, Type B, Temp, Prismatic, Furn	8120350	1,178.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	1,178.000	Sft
0655	Traf Regulator Control	8120370	1.000	LSUM
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	8,426.000	Ft
0665	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	6,931.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	7,102.000	Ft
0675	Rumble Strip, Temp, Portable, Furn	8122188	18.000	Ea
0680	Rumble Strip, Temp, Portable, Oper	8122189	18.000	Ea
0685	Pedestrian Path, Temp	8122250	75.000	Ft
0690	Pedestrian Ramp, Temp	8122251	4.000	Ea
0695	Riprap, Plain	8130010	10.000	Syd
0700	Slope Restoration, Non-Freeway, Type A	8162001	20,725.000	Syd
0705	Slope Restoration, Non-Freeway, Type B	8162002	600.000	Syd
0710	Slope Restoration, Non-Freeway, Type C	8162003	50.000	Syd
0715	Conduit, DB, 1, 1 1/2 inch	8182048	20.000	Ft
0720	Conduit, DB, 3, 3 inch	8182056	20.000	Ft
0725	Cable Pole, TS, Dismant	8182210	2.000	Ea
0730	Hh, Round	8182310	2.000	Ea
0735	Metered Serv	8182338	1.000	Ea
0740	Metered Serv, Rem	8182339	1.000	Ea
0745	Serv Disconnect	8182366	1.000	Ea
0750	Serv Disconnect, Rem	8182367	1.000	Ea
0755	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0760	Controller and Cabinet, Rem	8200030	1.000	Ea
0765	Flash Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0770	Span Wire	8200140	1.000	Ea
0775	Span Wire, Rem	8200141	1.000	Ea
0780	TS, Span Wire Mtd, Rem	8200182	1.000	Ea
0785	TS, Two Way Span Wire Mtd, One Sect (LED)	8200291	4.000	Ea

0790	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0795	Strain Pole Fdn, 6 Bolt	8200470	25.000	Ft
0800	Casing	8200480	18.000	Ft
0805	Monument Box	8210001	24.000	Ea
0810	Monument Preservation	8210010	24.000	Ea
0815	Centerline Corrugations, Milled, HMA	8220013	50,578.000	Ft
0820	Contractor Staking	8240001	1.000	LSUM
0825	Staking Plan Errors and Extras, Max \$180/hour	8240002	62.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 221104 007

Letting Date: November 4, 2022

Contract ID: 17072-201214

Description: 8.10 mi of hot mix asphalt base crushing, shaping and resurfacing, culverts, storm sewer improvements, guardrail, signal improvements, signing and pavement markings on M-129 from north of 10 Mile Road northerly to 18th Avenue in the city of Sault Ste Marie, Chippewa County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201214A	22A1007	N/A	ST 17072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Critical Path Method Schedule	1080005	15,000.000	Dlr
0010	Mobilization, Max \$615,100.00	1100001	1.000	LSUM
0015	Clearing	2010001	1.000	Acre
0020	Culv, Rem, Less than 24 inch	2030001	27.000	Ea
0025	Dr Structure, Rem	2030011	11.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	220.000	Ft
0035	Curb and Gutter, Rem	2040020	2,522.000	Ft
0040	Fence, Rem	2040025	21.000	Ft
0045	Guardrail, Rem	2040035	3,281.000	Ft
0050	Pavt, Rem	2040050	90.000	Syd
0055	Exploratory Investigation, Vertical	2040080	50.000	Ft
0060	Ditch Cleanout	2050006	34.000	Sta
0065	Embankment, CIP	2050010	1,239.000	Cyd
0070	Excavation, Earth	2050016	5,853.000	Cyd
0075	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0085	Flowable Fill, Non-Structural	2050148	75.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	351.000	Ft
0095	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0105	Erosion Control, Inlet Protection, Sediment Trap	2080024	15.000	Ea
0110	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0115	Erosion Control, Sediment Basin	2080032	10.000	Cyd
0120	Erosion Control, Sediment Trap	2080034	25.000	Ea
0125	Erosion Control, Silt Fence	2080036	4,000.000	Ft
0130	Subbase, CIP	3010002	3,982.000	Cyd

0135	Aggregate Base	3020001	2,307.000	Ton
0140	HMA Base Crushing and Shaping	3050002	202,619.000	Syd
0145	Material, Surplus and Unsuitable, Rem, LM	3050010	2,000.000	Cyd
0150	Salv Crushed Material, LM	3050015	2,000.000	Cyd
0155	Driveway Maintenance, Commercial	3062000	6.000	Ea
0160	Driveway Maintenance, Residential	3062001	1.000	Ea
0165	Intersection Maintenance	3062002	5.000	Ea
0170	Approach, CI I	3070001	488.000	Ton
0175	Approach, CI II	3070021	1,155.000	Ton
0180	Shld, CI II	3070121	8,550.000	Ton
0185	Culv End Sect, 24 inch	4010024	1.000	Ea
0190	Culv, CI F, 18 inch	4010609	309.000	Ft
0195	Culv, CI F, 24 inch	4010610	141.000	Ft
0200	Culv, Reinf Conc Ellip, HE CI A, 14 inch by 23 inch	4010809	277.000	Ft
0205	Culv, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch	4010813	94.000	Ft
0210	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	14.000	Ea
0215	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	10.000	Ea
0220	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Longit	4011049	10.000	Ea
0225	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Longit	4011059	6.000	Ea
0230	_ Culv Cleanout	4017001	7,132.000	Ft
0235	_ Cured-In-Place Pipe Lining, 24 inch	4017001	71.000	Ft
0240	Sewer, CI A, 24 inch, Tr Det A	4020007	821.000	Ft
0245	Sewer, CI A, 12 inch, Tr Det B	4020033	543.000	Ft
0250	Sewer, CI A, 18 inch, Tr Det B	4020035	301.000	Ft
0255	Sewer, CI A, 24 inch, Tr Det B	4020036	288.000	Ft
0260	Sewer, CI E, 15 inch, Tr Det B	4020601	82.000	Ft
0265	Video Taping Sewer and Culv Pipe	4021275	2,102.000	Ft
0270	_ Storm Sewer Cleanout	4027001	400.000	Ft
0275	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0280	Dr Structure Cover, Type B	4030010	12.000	Ea
0285	Dr Structure Cover, Type G	4030040	2.000	Ea
0290	Dr Structure Cover, Type K	4030050	12.000	Ea
0295	Dr Structure, 48 inch dia	4030210	22.000	Ea
0300	Dr Structure, 60 inch dia	4030220	2.000	Ea
0305	Dr Structure, 72 inch dia	4030230	1.000	Ea
0310	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	1.000	Ft
0315	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0320	Underdrain, Subbase, 6 inch	4040063	2,056.000	Ft
0325	Video Inspection of Underdrain	4040200	1,722.000	Ft
0330	Bump Grinding	5010004	433.000	Syd
0335	HMA Surface, Rem	5010005	5,243.000	Syd
0340	HMA Quality Initiative	5010007	59,380.000	Dlr
0345	Longit Joint Density Quality Initiative	5010018	90,300.000	Dlr

0350	Hand Patching	5010025	50.000	Ton
0355	HMA Approach	5010061	2,253.000	Ton
0360	HMA Approach, High Stress	5010520	282.000	Ton
0365	HMA, 3EML	5012013	585.000	Ton
0370	HMA, 4EML	5012025	14,449.000	Ton
0375	HMA, 5EML	5012037	10,836.000	Ton
0380	HMA, 4EML, High Stress	5012073	722.000	Ton
0385	HMA, 5EML, High Stress	5012085	542.000	Ton
0390	HMA, Temp Pavt (4EML)	5012103	104.000	Ton
0395	_ Ride Incentive	5017060	47,200.000	Dlr
0400	Driveway, Nonreinf Conc, 6 inch	8010005	47.000	Syd
0405	Curb and Gutter, Conc, Det B2	8020016	1,249.000	Ft
0410	Curb and Gutter, Conc, Det F3	8020037	35.000	Ft
0415	Curb and Gutter, Conc, Det F4	8020038	2,361.000	Ft
0420	Driveway Opening, Conc, Det M	8020050	570.000	Ft
0425	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0430	Spillway, Conc	8020075	6.000	Ft
0435	Detectable Warning Surface	8030010	25.000	Ft
0440	Curb Ramp Opening, Conc	8030030	30.000	Ft
0445	Curb Ramp, Conc, 6 inch	8032002	460.000	Sft
0450	Guardrail Anch, Bridge, Det T1	8070022	3.000	Ea
0455	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0460	Guardrail Approach Terminal, Type 2M	8070044	12.000	Ea
0465	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0470	Guardrail Reflector	8070080	123.000	Ea
0475	Post, Mailbox	8070095	19.000	Ea
0480	Guardrail, Curved, Type B-CRT	8072154	88.000	Ft
0485	Guardrail, Type B, 72 inch Post	8072171	13.000	Ft
0490	Guardrail, Type MGS-8, 72 inch Post	8072179	2,116.000	Ft
0495	_ Guardrail Long Span, Det MGS-2, Modified	8077050	2.000	Ea
0500	_ Hand Digging Guardrail Post	8077050	20.000	Ea
0505	Fence, Protective	8080007	500.000	Ft
0510	Delineator Reflector, Green	8100133	76.000	Ea
0515	Fdn, Wood Support, Rem	8100280	21.000	Ea
0520	Delineator, Rem	8100349	76.000	Ea
0525	Post, Rigid, Delineator	8100361	76.000	Ea
0530	Post, Steel, 3 pound	8100371	45.000	Ft
0535	Post, Wood, 4 inch by 6 inch	8100380	499.000	Ft
0540	Sign, Type III, Erect, Salv	8100402	27.000	Ea
0545	Sign, Type III, Rem	8100403	28.000	Ea
0550	Sign, Type V, Rem	8100421	4.000	Ea
0555	Sign, Type V, Erect, Salv	8100422	4.000	Ea
0560	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
0565	Ground Mtd Sign Support, Rem	8102010	27.000	Ea
0570	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	150.000	Ft

0575	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	210.000	Ft
0580	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0585	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0590	Recessing Pavt Mrkg, Longit	8110450	105,550.000	Ft
0595	Recessing Pavt Mrkg, Transv	8110451	570.000	Sft
0600	Protective Ovly, Snowmobile Trail Crossing	8110550	40.000	Syd
0605	Pavt Mrkg, Wet Reflective Modified Epoxy, 6 inch, White	8112100	83,117.000	Ft
0610	Pavt Mrkg, Wet Reflective Modified Epoxy, 6 inch, Yellow	8112103	22,100.000	Ft
0615	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
0625	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	550.000	Ea
0630	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	550.000	Ea
0635	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0640	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0645	Minor Traf Devices	8120170	1.000	LSUM
0650	Mobile Attenuator	8120180	1.000	Ea
0655	Sign Cover	8120310	20.000	Ea
0660	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0665	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	1,819.000	Sft
0675	Sign, Type B, Temp, Prismatic, Oper	8120351	1,819.000	Sft
0680	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	106.000	Sft
0685	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	106.000	Sft
0690	Traf Regulator Control	8120370	1.000	LSUM
0695	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,650.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	1,650.000	Ft
0705	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0710	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0715	Riprap, Plain	8130010	119.000	Syd
0720	Slope Restoration, Non-Freeway, Type A	8162001	1,742.000	Syd
0725	Slope Restoration, Non-Freeway, Type B	8162002	28,530.000	Syd
0730	Slope Restoration, Non-Freeway, Type C	8162003	4,202.000	Syd
0735	_ Emergent Wetland Seed Mixture	8167011	250.000	Syd
0740	Conduit, DB, 1, 1 1/2 inch	8182048	10.000	Ft
0745	Pedestal, Alum	8200100	1.000	Ea
0750	Pedestal, Fdn	8200105	1.000	Ea
0755	Pushbutton and Sign	8200121	2.000	Ea
0760	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0765	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0770	Hemispherical Video Detection Camera, Salv	8200448	1.000	Ea

0775	TS Face, Bag	8200458	2.000	Ea
0780	TS Face, Bag, Rem	8200459	2.000	Ea
0785	Multi-Sensor Vehicle Detection System	8200532	1.000	Ea
0790	Multi-Sensor Vehicle Detection Sensor	8200535	2.000	Ea
0795	Monument Box	8210001	16.000	Ea
0800	Monument Preservation	8210010	16.000	Ea
0805	Protect Corners	8210020	4.000	Ea
0810	Centerline Corrugations, Milled, HMA	8220013	37,715.000	Ft
0815	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	75,430.000	Ft
0820	Fire Hydrant	8230040	3.000	Ea
0825	Gate Valve and Box, 4 inch	8230050	1.000	Ea
0830	Gate Valve and Box, 6 inch	8230051	3.000	Ea
0835	Gate Valve and Box, 8 inch	8230052	5.000	Ea
0840	Gate Valve and Box, 12 inch	8230054	4.000	Ea
0845	Hydrant, Rem	8230091	3.000	Ea
0850	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
0855	Water Main, 10 inch, Cut and Plug	8230133	1.000	Ea
0860	Water Main, DI, 6 inch, Tr Det F	8230150	30.000	Ft
0865	Water Main, DI, 6 inch, Tr Det G	8230151	100.000	Ft
0870	Water Main, DI, 8 inch, Tr Det G	8230156	810.000	Ft
0875	Water Serv	8230240	2.000	Ea
0880	Water Serv, Long	8230245	11.000	Ea
0885	Gate Box, Adj, Case 1	8230431	6.000	Ea
0890	Gate Box, Adj, Case 2	8230432	13.000	Ea
0895	Polyethylene Encasement	8230440	1,070.000	Ft
0900	_ Water Main, DI, 4 inch, Tr Det G	8237001	70.000	Ft
0905	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	380.000	Ft
0910	_ Water Main, HDPE, 8 inch, Directional Bore	8237001	675.000	Ft
0915	_ Water Main, Rem	8237001	50.000	Ft
0920	Contractor Staking	8240001	1.000	LSUM
0925	Staking Plan Errors and Extras, Max \$180/hour	8240002	64.000	Hr
0930	Sanitary Structure Cover, Adj, Case 1	8252145	4.000	Ea
0935	Sanitary Structure Cover, Adj, Case 2	8252146	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 221104 008

Letting Date: November 4, 2022

Contract ID: 56051-210348

Description: 0.23 mi of construction of thru/right turn lane on US-10BR northbound and a right turn lane on westbound Wackerly Street, concrete curb and gutter, sidewalk and sidewalk ramps, sewer, drainage, signal modernization and pavement markings in the city of Midland, Midland County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210348A	22A1028	N/A	NH 56051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio-Visual Filming	1047051	1.000	LSUM
0010	Mobilization, Max \$111,100.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	35.000	Ft
0025	Sewer, Rem, 24 inch to 48 inch	2030016	5.000	Ft
0030	_ Abandoned Utility, Rem	2037001	1,000.000	Ft
0035	_ Monitoring Well, Abandon	2037050	23.000	Ea
0040	Curb and Gutter, Rem	2040020	1,391.000	Ft
0045	Curb, Rem	2040021	219.000	Ft
0050	Fence, Rem	2040025	20.000	Ft
0055	Pavt, Rem	2040050	376.000	Syd
0060	Sidewalk, Rem	2040055	551.000	Syd
0065	Exploratory Investigation, Vertical	2040080	20.000	Ft
0070	Embankment, CIP	2050010	177.000	Cyd
0075	Excavation, Earth	2050016	2,054.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	2,400.000	Cyd
0085	_ Geosynthetic Clay Liner	2057001	105.000	Ft
0090	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0095	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0100	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0105	Erosion Control, Maintenance, Sediment Rem	2080026	1.000	Cyd
0110	Erosion Control, Silt Fence	2080036	450.000	Ft
0115	Project Cleanup	2090001	1.000	LSUM
0120	Subbase, CIP	3010002	1,586.000	Cyd
0125	Aggregate Base, 4 inch	3020010	141.000	Syd
0130	Aggregate Base, 6 inch	3020016	4,169.000	Syd

0135	Driveway Maintenance, Commercial	3062000	7.000	Ea
0140	Sewer, CI A, 12 inch, Tr Det B	4020033	247.000	Ft
0145	Sewer, CI A, 18 inch, Tr Det B	4020035	28.000	Ft
0150	Sewer, CI A, 24 inch, Tr Det B	4020036	13.000	Ft
0155	Sewer Tap, 24 inch	4021207	3.000	Ea
0160	Video Taping Sewer and Culv Pipe	4021275	388.000	Ft
0165	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0170	Dr Structure Cover, Type B	4030010	2.000	Ea
0175	Dr Structure Cover, Type D	4030025	1.000	Ea
0180	Dr Structure Cover, Type K	4030050	14.000	Ea
0185	Dr Structure, 48 inch dia	4030210	12.000	Ea
0190	Dr Structure, 72 inch dia	4030230	2.000	Ea
0195	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0200	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0205	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0210	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0215	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0220	Underdrain, Subbase, 6 inch	4040063	982.000	Ft
0225	Video Inspection of Underdrain	4040200	954.000	Ft
0230	HMA Surface, Rem	5010005	1,309.000	Syd
0235	HMA Quality Initiative	5010007	2,380.000	Dlr
0240	Longit Joint Density Quality Initiative	5010018	606.000	Dlr
0245	Hand Patching	5010025	52.000	Ton
0250	HMA Approach	5010061	180.000	Ton
0255	HMA, 2EML	5012001	431.000	Ton
0260	HMA, 4EML, High Stress	5012073	232.000	Ton
0265	HMA, 5EML, High Stress	5012085	193.000	Ton
0270	_ Bentonite Plugs	8007050	4.000	Ea
0275	_ Restricted Excavation Marker, Relocate	8007050	2.000	Ea
0280	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8007051	1.000	LSUM
0285	Driveway, Reinf Conc, 6 inch	8010001	268.000	Syd
0290	Curb and Gutter, Conc, Det F4	8020038	1,070.000	Ft
0295	Driveway Opening, Conc, Det M	8020050	422.000	Ft
0300	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0305	Spillway, Conc	8020075	13.000	Ft
0310	_ Curb and Gutter, Conc, Det F4, Modified	8027001	87.000	Ft
0315	Detectable Warning Surface	8030010	62.000	Ft
0320	Curb Ramp Opening, Conc	8030030	217.000	Ft
0325	Sidewalk, Conc, 4 inch	8030044	2,691.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	1,748.000	Sft
0335	Curb Ramp, Conc, 6 inch	8032002	1,847.000	Sft
0340	Fence, Chain Link, 72 inch	8080013	10.000	Ft
0345	Band, Sign	8100010	6.000	Ea
0350	Bridge Sign Connection, Steel, Type H	8100067	1.000	Ea

0355	Fdn, Wood Support, Rem	8100280	8.000	Ea
0360	Post, Steel, 3 pound	8100371	160.000	Ft
0365	Post, Wood, 4 inch by 6 inch	8100380	48.000	Ft
0370	Post, Wood, 6 inch by 8 inch	8100382	36.000	Ft
0375	Sign, Type I, Rem	8100391	1.000	Ea
0380	Sign, Type IA	8100392	194.000	Sft
0385	Sign, Type II, Erect, Salv	8100396	5.000	Ea
0390	Sign, Type II, Rem	8100397	3.000	Ea
0395	Sign, Type IIA	8100398	62.000	Sft
0400	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0405	Sign, Type III, Rem	8100403	9.000	Ea
0410	Sign, Type IIIA	8100404	8.000	Sft
0415	Sign, Type IIIB	8100405	56.000	Sft
0420	Sign, Type II, Rem, Salv	8102002	3.000	Ea
0425	Sign, Type III, Rem, Salv	8102003	4.000	Ea
0430	Ground Mtd Sign Support, Rem	8102010	14.000	Ea
0435	_ Post, Steel, 3 pound, Modified	8107001	48.000	Ft
0440	_ Hand Digging Sign Post	8107050	10.000	Ea
0445	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	854.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	100.000	Ft
0455	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	188.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0465	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0475	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0485	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,407.000	Ft
0490	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,428.000	Ft
0495	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	550.000	Ft
0500	Rem Spec Mrkg	8110343	500.000	Sft
0505	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0515	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0520	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0525	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0535	Minor Traf Devices	8120170	1.000	LSUM
0540	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,500.000	Ft
0545	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0550	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0555	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	260.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn	8120257	4.000	Ea

	Arrow			
0565	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
0575	Sign Cover	8120310	25.000	Ea
0580	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0585	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0590	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0595	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	1,560.000	Sft
0605	Sign, Type B, Temp, Prismatic, Oper	8120351	1,560.000	Sft
0610	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	180.000	Sft
0615	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	180.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0625	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	800.000	Ft
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,500.000	Ft
0635	Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8122111	2.000	Ea
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt, Thru and Lt Turn Arrow	8122146	1.000	Ea
0645	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Lt Turn Arrow Sym	8122147	3.000	Ea
0650	Riprap, Plain	8130010	4.000	Syd
0655	Site Preparation, Max 1,100	8150001	1.000	LSUM
0660	Malus 'Sugar Tyme', 2 inch	8152336	3.000	Ea
0665	Quercus robur, 2 inch	8153113	4.000	Ea
0670	Topsoil Surface, Furn, 7 inch	8160065	51.000	Syd
0675	_ Turf Establishment, Performance	8167011	646.000	Syd
0680	Conduit, Rem	8182000	145.000	Ft
0685	Conduit, Directional Bore, 1, 3 inch	8182035	85.000	Ft
0690	Conduit, Directional Bore, 2, 3 inch	8182037	150.000	Ft
0695	Conduit, DB, 1, 1 1/2 inch	8182048	135.000	Ft
0700	Conduit, DB, 1, 3 inch	8182050	835.000	Ft
0705	Conduit, DB, 3, 3 inch	8182056	40.000	Ft
0710	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0715	Cable, Rem	8182196	850.000	Ft
0720	Cable, Sec, 600V, 1, 3/C#6	8182238	175.000	Ft
0725	Hh, Heavy Duty Cover	8182308	4.000	Ea
0730	Hh, Polymer Conc	8182309	2.000	Ea
0735	Hh, Round	8182310	3.000	Ea
0740	Hh, Round, 3 foot dia	8182319	1.000	Ea
0745	Hh, Rem	8182330	8.000	Ea
0750	Serv Disconnect	8182366	1.000	Ea
0755	Serv Disconnect, Rem	8182367	1.000	Ea

0760	_ Cable, Equipment Grounding Wire, 1/C#4, Aluminum	8187001	835.000	Ft
0765	_ Conduit, DB, 1, 1 inch	8187001	20.000	Ft
0770	_ DB Cable, in Conduit, 600V, 1/C#4, Aluminum	8187001	2,505.000	Ft
0775	_ Gas Station Sign, Rem and Salv	8187050	1.000	Ea
0780	_ Decorative Light, Install Salv	8197050	2.000	Ea
0785	_ Decorative Light, Rem and Salv	8197050	2.000	Ea
0790	Case Sign, Rem	8200020	1.000	Ea
0795	Controller and Cabinet, Rem	8200030	1.000	Ea
0800	Controller Fdn, Base Mtd	8200045	1.000	Ea
0805	Controller Fdn, Rem	8200046	1.000	Ea
0810	Fdn, Rem	8200065	2.000	Ea
0815	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0820	Pedestal, Alum	8200100	4.000	Ea
0825	Pedestal, Fdn	8200105	5.000	Ea
0830	Pedestal Fdn, Rem	8200106	2.000	Ea
0835	Pedestal, Rem	8200110	2.000	Ea
0840	Power Co. (Est. Cost to Contractor)	8200116	4,076.000	Dlr
0845	Pushbutton and Sign	8200121	8.000	Ea
0850	Pushbutton, Pedestal, Alum	8200123	1.000	Ea
0855	Span Wire	8200140	4.000	Ea
0860	Span Wire, Rem	8200141	1.000	Ea
0865	Steel Pole, Rem	8200145	2.000	Ea
0870	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0875	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0880	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0885	Cabinet, NEMA Type	8200186	1.000	Ea
0890	TS, 4th Level, LTGA	8200215	1.000	Ea
0895	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0900	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0905	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
0910	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0915	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0920	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0925	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0930	Hemispherical Video Detection Camera	8200444	2.000	Ea
0935	Hemispherical Video Detection System	8200445	1.000	Ea
0940	TS Face, Bag	8200458	4.000	Ea
0945	TS Face, Bag, Rem	8200459	4.000	Ea
0950	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
0955	Strain Pole Fdn, 6 Bolt	8200470	63.000	Ft
0960	Casing	8200480	49.000	Ft
0965	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0970	Backplate, TS	8200501	7.000	Ea

0975	TS, One Way Span Wire Mtd, One Sect (LED) Retrofit Assembly	8202070	2.000	Ea
0980	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0985	Monument Box Adj	8210005	7.000	Ea
0990	Monument Preservation	8210010	7.000	Ea
0995	Protect Corners	8210020	5.000	Ea
1000	Gate Box, Adj, Case 1	8230431	2.000	Ea
1005	Gate Box, Adj, Case 2	8230432	2.000	Ea
1010	_ Water Main, 2 inch, Cut and Plug	8237050	1.000	Ea
1015	_ Water Serv, Excavate and Backfill	8237050	1.000	Ea
1020	Sanitary Structure, Adj, Add Depth	8252140	1.000	Ft
1025	Sanitary Structure Cover, Adj, Case 1	8252145	1.000	Ea
1030	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1035	Lightning Protection, Pole	8260021	1.000	Ea



9/30/2022 7:04 AM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 009**Letting Date:** November 4, 2022**Contract ID:** 80000-207091-2

Description: 0.30 mi of hot mix asphalt shared-use path, earthwork, concrete curb, gutter and ramps, signal work and pavement markings on Aylworth Avenue from Kalamazoo Street to Le Grange Street in the city of South Haven, Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207091A	22A0690	N/A	CM 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$30,600.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	500.000	Ft
0015	Fence, Rem	2040025	100.000	Ft
0020	Pavt, Rem	2040050	190.000	Syd
0025	Sidewalk, Rem	2040055	75.000	Syd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0040	Subbase, CIP	3010002	760.000	Cyd
0045	Aggregate Base, 6 inch	3020016	3,000.000	Syd
0050	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0055	Dr Structure, Tap, 4 inch	4030304	4.000	Ea
0060	Underdrain, Subbase, 4 inch	4040061	1,710.000	Ft
0065	HMA Surface, Rem	5010005	525.000	Syd
0070	Hand Patching	5010025	18.000	Ton
0075	HMA Approach	5010061	105.000	Ton
0080	Driveway, Nonreinf Conc, 6 inch	8010005	80.000	Syd
0085	Driveway, Nonreinf Conc, 8 inch	8010007	200.000	Syd
0090	Curb and Gutter, Conc, Det F4	8020038	175.000	Ft
0095	Driveway Opening, Conc, Det M	8020050	100.000	Ft
0100	Curb Ramp Opening, Conc	8030030	325.000	Ft
0105	Sidewalk, Conc, 6 inch	8030046	1,000.000	Sft
0110	Curb Ramp, Conc, 6 inch	8032002	1,100.000	Sft
0115	_ Detectable Warning Surface, Cast Iron	8037001	125.000	Ft
0120	Shared use Path, Grading	8060030	1,750.000	Ft
0125	Shared use Path, HMA	8060040	305.000	Ton
0130	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	1.000	Ea
0135	_ Fence, Chain Link, 72 inch, with 3 Strand of Barbed	8087001	90.000	Ft

	Wire, Modified			
0140	_ Bollard, Relocate	8087050	2.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	530.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	70.000	Ft
0155	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	1.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	400.000	Ft
0165	Rem Spec Mrkg	8110343	150.000	Sft
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0175	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0180	Pedestrian Type II Barricade, Temp	8120026	3.000	Ea
0185	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	300.000	Ft
0215	Sign Cover	8120310	4.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	406.000	Sft
0225	Sign, Type B, Temp, Prismatic, Oper	8120351	406.000	Sft
0230	Slope Restoration, Non-Freeway, Type A	8162001	2,250.000	Syd
0235	Conduit Repr, Under Pavt	8200027	20.000	Ft
0240	Conduit Repr, Under Sidewalk or Earth	8200028	20.000	Ft
0245	Pushbutton and Sign	8200121	2.000	Ea
0250	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0255	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0260	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0265	Hydrant, Relocate, Case 1	8230095	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 221104 010

Letting Date: November 4, 2022

Contract ID: 45000-205809

Description: 3.44 mi of hot mix asphalt resurfacing and pavement markings on County Road 641 (Bugai Road) from Lincoln Road to County Road 614 (Fouch Road) and County Road 641 (Lake Leelanau Drive) from Lakeview Hills Road to County Road 618 (Bingham Road), Leelanau County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205809A	22A0920	N/A	STL 45000
205818A	22A0916	N/A	STL 45000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$60,600.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	463.000	Ft
0015	Approach, CI II	3070021	72.000	Ton
0020	Shld, CI II	3070121	224.000	Ton
0025	HMA Surface, Rem	5010005	217.000	Syd
0030	Pavt for Butt Joints, Rem	5010008	1,930.000	Syd
0035	HMA Approach	5010061	64.000	Ton
0040	HMA, 5EL	5012036	6,090.000	Ton
0045	Guardrail, Type B	8070000	375.000	Ft
0050	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0055	Guardrail Height, Adj	8070100	2,374.000	Ft
0060	Guardrail Post, Furn and Install, 72 inch	8070101	1.000	Ea
0065	Pavt Mrkg, Waterborne, 4 inch, White	8110231	36,158.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	36,158.000	Ft
0075	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0085	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	2,900.000	Ft
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	704.000	Sft
0115	Sign, Type B, Temp, Prismatic, Oper	8120351	704.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0125	Monument Box Adj	8210005	6.000	Ea



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 011**Letting Date:** November 4, 2022**Contract ID:** 38000-216585**Description:** 0.01 mi of signal modernization and concrete sidewalk on Greenwood Avenue at High Street 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
216585A	22A0900	N/A	ST 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$28,300.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0015	Sidewalk, Rem	2040055	45.000	Syd
0020	Erosion Control, Silt Fence	2080036	50.000	Ft
0025	_ Erosion Control, Inlet Protection, Grate Filter, Rectangular	2087050	8.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0035	Hand Patching	5010025	5.000	Ton
0040	Coating Galvanized Support Structures	7160010	8.000	Ea
0045	Detectable Warning Surface	8030010	20.000	Ft
0050	Sidewalk, Conc, 4 inch	8030044	300.000	Sft
0055	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0060	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0065	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0075	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0095	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0105	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0110	Traf Regulator Control	8120370	1.000	LSUM
0115	_ Turf Establishment, Performance	8167011	30.000	Syd
0120	Conduit, Directional Bore, 3, 3 inch	8182039	250.000	Ft
0125	Conduit, DB, 1, 1 1/2 inch	8182048	30.000	Ft
0130	Conduit, DB, 3, 3 inch	8182056	20.000	Ft
0135	Conduit, DB, 4, 3 inch	8182059	10.000	Ft

0140	Cable, Sec, 600V, 1, 3/C#6	8182238	100.000	Ft
0145	Hh, Round	8182310	3.000	Ea
0150	Hh, Round, 3 foot dia	8182319	1.000	Ea
0155	Wood Pole, Rem	8182363	2.000	Ea
0160	Serv Disconnect	8182366	1.000	Ea
0165	Wood Pole, Fit Up, Sec Serv Pole	8182382	1.000	Ea
0170	Luminaire, Rem	8190360	1.000	Ea
0175	_ Conductor, THWN, in Conduit, 600V, 1C, #4 AWG	8197001	540.000	Ft
0180	_ Equipment Grounding Conductor, in Conduit, 1C, #4 AWG	8197001	270.000	Ft
0185	_ Control Cabinet, Fdn	8197050	1.000	Ea
0190	_ Control Cabinet, Furnish	8197050	1.000	Ea
0195	_ Control Cabinet, Install	8197050	1.000	Ea
0200	_ Hand Hole, Polymer Conc, 11 inch x 18 inch (Open Bottom)	8197050	1.000	Ea
0205	_ Luminaire, Street	8197050	2.000	Ea
0210	_ Luminaire, Upswing Bracket	8197050	2.000	Ea
0215	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0220	Controller and Cabinet, Rem	8200030	1.000	Ea
0225	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
0230	Span Wire, Rem	8200141	1.000	Ea
0235	Guy, Rem	8200167	3.000	Ea
0240	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0245	Cabinet, NEMA Type	8200186	1.000	Ea
0250	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
0255	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0260	Casing	8200480	64.000	Ft
0265	Backplate, TS	8200501	8.000	Ea
0270	Mast Arm Pole, Cat I	8202010	4.000	Ea
0275	Mast Arm, 25 foot, Cat I	8202014	2.000	Ea
0280	Mast Arm, 35 foot, Cat I	8202016	1.000	Ea
0285	Mast Arm, 40 foot, Cat I	8202017	1.000	Ea
0290	Mast Arm Pole Fdn, 6 Bolt	8202034	78.000	Ft
0295	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0300	_ Optical Priority Control System	8207050	4.000	Ea
0305	_ St Name Sign, Two Way, (LED), 6 foot	8207050	2.000	Ea
0310	_ St Name Sign, Two Way, (LED), 8 foot	8207050	2.000	Ea
0315	Safety Switch, Non-Fusible	8260108	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 012**Letting Date:** November 4, 2022**Contract ID:** 39000-212289

Description: Bridge rehabilitation including hot mix asphalt overlay, concrete surface coating and guardrail replacement on North Sprinkle Road over Spring Brook, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212289A	22A0890	N/A	BFP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$19,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.050	Acre
0015	_ Guardrail, Rem, Modified	2047001	232.000	Ft
0020	Erosion Control, Silt Fence	2080036	200.000	Ft
0025	Cold Milling HMA Surface	5010002	2,600.000	Syd
0030	HMA, 4EML	5012025	300.000	Ton
0035	Guardrail, Type MGS-8	8070004	138.000	Ft
0040	Guardrail, Curved, Type MGS-8	8070012	13.000	Ft
0045	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0050	Guardrail Reflector	8070080	12.000	Ea
0055	_ Guardrail Anch, Bridge, Nested Type	8077050	4.000	Ea
0060	_ Guardrail Approach Terminal, Type 2M, Modified	8077050	3.000	Ea
0065	Post, Steel, 3 pound	8100371	15.000	Ft
0070	Sign, Type IIB	8100399	3.000	Sft
0075	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0080	Sign, Type III, Rem	8100403	2.000	Ea
0085	Sign, Type IIIB	8100405	7.000	Sft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,200.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,200.000	Ft
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0115	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	600.000	Ft
0120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,200.000	Ft
0125	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea

0135	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0140	PTS System, Temp, Furn	8120270	1.000	Ea
0145	PTS System, Temp, Oper	8120271	1.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	240.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	240.000	Sft
0160	_ Turf Establishment	8167011	200.000	Syd

Section: 2

0165	Conc Surface Coating	7100011	60.000	Syd
0170	_ Bridge Railing, Guardrail Type	7117001	63.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 221104 013

Letting Date: November 4, 2022

Contract ID: 80111-200641

Description: 3.51 mi of hot mix asphalt cold milling, resurfacing and reconstruction, concrete curb and gutter, storm sewer, water main and culvert replacement, ditching, sanitary sewer relocation, streetscaping, lighting, signing and pavement markings on M-40 from 72nd Avenue to south of Lagrave Street, Van Buren County. This project includes a 5 year materials and workmanship warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200641A	22A1005	N/A	ST 80111
213171A	22A1034	N/A	TAU 80111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Amtrak	1027060	50,000.000	Dlr
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0015	Mobilization, Max \$914,400.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.110	Acre
0025	Tree, Rem, 19 inch to 36 inch	2020002	9.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	30.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0045	Dr Structure, Rem	2030011	38.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	2,340.000	Ft
0055	Sewer, Rem, 24 inch to 48 inch	2030016	175.000	Ft
0060	Curb and Gutter, Rem	2040020	5,688.000	Ft
0065	Fence, Rem	2040025	434.000	Ft
0070	Guardrail, Rem	2040035	287.000	Ft
0075	Pavt, Rem	2040050	3,215.000	Syd
0080	Sidewalk, Rem	2040055	2,715.000	Syd
0085	Track, Rem	2040065	20.000	Ft
0090	Exploratory Investigation, Vertical	2040080	100.000	Ft
0095	Embankment, CIP	2050010	2,085.000	Cyd
0100	Excavation, Earth	2050016	18,520.000	Cyd
0105	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0115	Flowable Fill, Non-Structural	2050148	68.000	Cyd
0120	Aggregate	2060005	15.000	Cyd
0125	Erosion Control, Check Dam, Stone	2080012	418.000	Ft

0130	Erosion Control, Filter Bag	2080014	4.000	Ea
0135	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0140	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0145	Erosion Control, Inlet Protection, Fabric Drop	2080020	99.000	Ea
0150	Erosion Control, Inlet Protection, Sediment Trap	2080024	43.000	Ea
0155	Erosion Control, Maintenance, Sediment Rem	2080026	25.000	Cyd
0160	Erosion Control, Sediment Basin	2080032	10.000	Cyd
0165	Erosion Control, Sediment Trap	2080034	49.000	Ea
0170	Erosion Control, Silt Fence	2080036	1,480.000	Ft
0175	_ Erosion Control, Check Dam, Stone, Spec	2087001	418.000	Ft
0180	Subbase, CIP	3010002	10,834.000	Cyd
0185	Aggregate Base	3020001	50.000	Ton
0190	Aggregate Base, 6 inch	3020016	42,095.000	Syd
0195	Aggregate Base, 9 inch	3020022	1,039.000	Syd
0200	Driveway Maintenance, Commercial	3062000	14.000	Ea
0205	Driveway Maintenance, Residential	3062001	8.000	Ea
0210	Intersection Maintenance	3062002	7.000	Ea
0215	Approach, CI II, 4 inch	3070026	51.000	Syd
0220	Shld, CI II, 4 inch	3070126	5,032.000	Syd
0225	Trenching	3070200	33.000	Sta
0230	_ Trenching, Spec	3077002	212.000	Sta
0235	_ Open Graded Dr Cse, 4 inch, Modified	3077011	24.000	Syd
0240	Geotextile, Separator	3080005	50.000	Syd
0245	Geotextile, Separator, Non-Woven	3082000	590.000	Syd
0250	Culv End Sect, 12 inch	4010012	47.000	Ea
0255	Culv End Sect, 15 inch	4010015	2.000	Ea
0260	Culv End Sect, 24 inch	4010024	2.000	Ea
0265	Culv, CI A, 12 inch	4010131	437.000	Ft
0270	Culv, CI A, 15 inch	4010132	16.000	Ft
0275	Culv, CI A, 24 inch	4010134	66.000	Ft
0280	Culv, CI F, 12 inch	4010607	940.000	Ft
0285	Dr Marker Post	4011109	47.000	Ea
0290	Sewer, CI A, 12 inch, Tr Det B	4020033	2,349.000	Ft
0295	Sewer, CI A, 15 inch, Tr Det B	4020034	202.000	Ft
0300	Sewer, CI A, 18 inch, Tr Det B	4020035	19.000	Ft
0305	Sewer, CI A, 24 inch, Tr Det B	4020036	109.000	Ft
0310	Sewer, CI A, 30 inch, Tr Det B	4020037	587.000	Ft
0315	Sewer, CI A, 36 inch, Tr Det B	4020038	448.000	Ft
0320	Sewer, CI A, 42 inch, Tr Det B	4020039	1,298.000	Ft
0325	Sewer, CI E, 12 inch, Tr Det B	4020600	96.000	Ft
0330	Sewer Tap, 8 inch	4021202	1.000	Ea
0335	Sewer Tap, 10 inch	4021203	1.000	Ea
0340	Sewer Tap, 12 inch	4021204	7.000	Ea
0345	Sewer Tap, 15 inch	4021205	3.000	Ea
0350	Sewer Tap, 24 inch	4021207	1.000	Ea

0355	Sewer Tap, 36 inch	4021209	1.000	Ea
0360	Sewer Tap, 42 inch	4021210	2.000	Ea
0365	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0370	Sewer Bulkhead, 36 inch	4021237	1.000	Ea
0375	Video Taping Sewer and Culv Pipe	4021275	6,567.000	Ft
0380	Dr Structure Cover, Adj, Case 1	4030005	34.000	Ea
0385	Dr Structure Cover, Type B	4030010	36.000	Ea
0390	Dr Structure Cover, Type D	4030025	6.000	Ea
0395	Dr Structure Cover, Type G	4030040	4.000	Ea
0400	Dr Structure Cover, Type J	4030045	1.000	Ea
0405	Dr Structure Cover, Type K	4030050	62.000	Ea
0410	Dr Structure Cover, Type Q	4030065	21.000	Ea
0415	Dr Structure, 24 inch dia	4030200	48.000	Ea
0420	Dr Structure, 48 inch dia	4030210	28.000	Ea
0425	Dr Structure, 60 inch dia	4030220	7.000	Ea
0430	Dr Structure, 72 inch dia	4030230	12.000	Ea
0435	Dr Structure, 84 inch dia	4030231	2.000	Ea
0440	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	6.000	Ft
0445	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	4.000	Ft
0450	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	15.000	Ft
0455	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	35.000	Ft
0460	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0465	Underdrain, Subbase, 6 inch	4040063	4,406.000	Ft
0470	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0475	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0480	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0485	Video Inspection of Underdrain	4040200	4,406.000	Ft
0490	Cold Milling HMA Surface	5010002	57,226.000	Syd
0495	Bump Grinding	5010004	200.000	Syd
0500	HMA Surface, Rem	5010005	25,571.000	Syd
0505	HMA Quality Initiative	5010007	56,536.000	Dlr
0510	Longit Joint Density Quality Initiative	5010018	55,000.000	Dlr
0515	Hand Patching	5010025	15.000	Ton
0520	HMA Approach	5010061	7,105.000	Ton
0525	HMA, 3EML	5012013	2,432.000	Ton
0530	HMA, 4EML	5012025	18,142.000	Ton
0535	HMA, 5EML	5012037	574.000	Ton
0540	HMA, Temp Pavt (4EML)	5012103	19.000	Ton
0545	_ Ride Incentive	5017060	18,361.000	Dlr
0550	Conc Base Cse, Nonreinf, 6 inch	6020015	47.000	Syd
0555	Driveway, Nonreinf Conc, 6 inch	8010005	66.000	Syd
0560	Driveway, Nonreinf Conc, 8 inch	8010007	831.000	Syd

0565	Curb and Gutter, Conc, Det B1	8020015	164.000	Ft
0570	Curb and Gutter, Conc, Det B2	8020016	3,578.000	Ft
0575	Curb and Gutter, Conc, Det C6	8020025	136.000	Ft
0580	Curb and Gutter, Conc, Det F3	8020037	175.000	Ft
0585	Curb and Gutter, Conc, Det F4	8020038	5,710.000	Ft
0590	Curb and Gutter, Conc, Det F6	8020040	581.000	Ft
0595	Driveway Opening, Conc, Det M	8020050	844.000	Ft
0600	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0605	_ Curb and Gutter, Conc, Det F6, Modified	8027001	416.000	Ft
0610	_ Curb and Gutter, Conc, Det F6, Modified, Island Nosing	8027001	39.000	Ft
0615	Detectable Warning Surface	8030010	386.000	Ft
0620	Curb Ramp Opening, Conc	8030030	685.000	Ft
0625	Sidewalk, Conc, 4 inch	8030044	54,196.000	Sft
0630	Sidewalk, Conc, 6 inch	8030046	3,543.000	Sft
0635	Sidewalk, Conc, 8 inch	8030048	2,413.000	Sft
0640	Curb Ramp, Conc, 6 inch	8032002	5,119.000	Sft
0645	_ Curb, Conc, Det E2 Modified	8037001	507.000	Ft
0650	_ Decorative Conc, Surface, 4 inch	8037010	380.000	Sft
0655	_ Sidewalk, Conc, 6 inch, Spec	8037010	5,813.000	Sft
0660	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0665	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0670	Guardrail Reflector	8070080	21.000	Ea
0675	Post, Mailbox	8070095	74.000	Ea
0680	Guardrail Anch, Bridge, Det A3	8070150	2.000	Ea
0685	Guardrail Anch, Bridge, Det A5	8070152	2.000	Ea
0690	Guardrail, Curved, Type B-CRT	8072154	34.000	Ft
0695	Guardrail, Type MGS-8, 72 inch Post	8072179	538.000	Ft
0700	Fence, Chain Link, 48 inch, Vinyl Coated	8082001	254.000	Ft
0705	_ Gate, Rem, Salv, and Install	8087050	2.000	Ea
0710	Delineator Reflector, Green	8100133	30.000	Ea
0715	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	90.000	Ea
0720	Post Hole Through Conc for Steel Post	8100340	23.000	Ea
0725	Delineator, Rem	8100349	20.000	Ea
0730	Post, Flexible, Delineator	8100360	45.000	Ea
0735	Post, Rigid, Delineator	8100361	30.000	Ea
0740	Post, Steel, 3 pound	8100371	3,471.000	Ft
0745	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0750	Post, Wood, 6 inch by 8 inch	8100382	164.000	Ft
0755	Sign, Type IA	8100392	80.000	Sft
0760	Sign, Type II, Erect, Salv	8100396	10.000	Ea
0765	Sign, Type III, Erect, Salv	8100402	102.000	Ea
0770	Sign, Type III, Rem	8100403	37.000	Ea
0775	Sign, Type IIIA	8100404	115.000	Sft

0780	Sign, Type IIIB	8100405	621.000	Sft
0785	Sign, Type VB	8100425	46.000	Sft
0790	Reflective Panel for Permanent Sign Support, 3 foot	8100613	76.000	Ea
0795	Reflective Panel for Permanent Sign Support, 6 foot	8100616	92.000	Ea
0800	Sign, Type II, Rem, Salv	8102002	11.000	Ea
0805	Sign, Type III, Rem, Salv	8102003	97.000	Ea
0810	Ground Mtd Sign Support, Rem	8102010	141.000	Ea
0815	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	978.000	Ft
0820	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,350.000	Ft
0825	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	151.000	Ft
0830	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0835	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	3.000	Ea
0840	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	2.000	Ea
0845	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0850	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0855	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0860	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0865	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	1.000	Ea
0870	Pavt Mrkg, Waterborne, 4 inch, White	8110231	50,230.000	Ft
0875	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,603.000	Ft
0880	Pavt Mrkg, Waterborne, 6 inch, White	8110233	31,961.000	Ft
0885	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	34,318.000	Ft
0890	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	1,848.000	Ft
0895	Recessing Pavt Mrkg, Longit	8110450	67,757.000	Ft
0900	Recessing Pavt Mrkg, Transv	8110451	2,125.000	Sft
0905	Recessing Pavt Mrkg, Guide Line	8110453	23.000	Ft
0910	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Thru Guide Line, White	8110566	23.000	Ft
0915	_ Pavt Mrkg, Ovly Cold Plastic, 12 inch, Yellow, Curb Painting	8117001	71.000	Ft
0920	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	84.000	Ea
0925	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	84.000	Ea
0930	Pedestrian Type II Barricade, Temp	8120026	80.000	Ea
0935	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0940	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0945	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	3.000	Ea
0950	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0955	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0960	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0965	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0970	Minor Traf Devices	8120170	1.000	LSUM

0975	Part Width Intersection Construction	8120190	3.000	Ea
0980	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,175.000	Ft
0985	Plastic Drum, Fluorescent, Furn	8120252	408.000	Ea
0990	Plastic Drum, Fluorescent, Oper	8120253	408.000	Ea
0995	Sign Cover	8120310	20.000	Ea
1000	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1005	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1010	Sign, Type A, Temp, Prismatic, Furn	8120340	303.000	Sft
1015	Sign, Type A, Temp, Prismatic, Oper	8120341	303.000	Sft
1020	Sign, Type B, Temp, Prismatic, Furn	8120350	4,818.000	Sft
1025	Sign, Type B, Temp, Prismatic, Oper	8120351	4,818.000	Sft
1030	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	353.000	Sft
1035	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	353.000	Sft
1040	Traf Regulator Control	8120370	1.000	LSUM
1045	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	250.000	Ft
1050	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	250.000	Ft
1055	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,255.000	Ft
1060	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	3,516.000	Ft
1065	Speed Radar Trailer, Temp	8122028	2.000	Ea
1070	Pavt Mrkg, Type NR, Paint, Wrong Way Arrow Sym	8122065	2.000	Ea
1075	Temp Rumble Strips (Orange), Stop Condition	8122186	3,300.000	Ft
1080	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
1085	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
1090	Reflective Panel for Temp Sign Support, Furn	8122198	32.000	Ea
1095	Reflective Panel for Temp Sign Support, Oper	8122199	32.000	Ea
1100	Pedestrian Path, Temp	8122250	335.000	Ft
1105	Pedestrian Ramp, Temp	8122251	5.000	Ea
1110	Riprap, Plain	8130010	180.000	Syd
1115	Site Preparation, Max 14938	8150001	1.000	LSUM
1120	Watering and Cultivating, First Season, Min 7256	8150002	1.000	LSUM
1125	Watering and Cultivating, 2nd Season, Min 8963	8150003	1.000	LSUM
1130	Juniperus chinensis 'Sea Green', #3 cont.	8151941	27.000	Ea
1135	Picea glauca, 8 foot	8152760	11.000	Ea
1140	_ Landscape Edging, Alum	8157001	125.000	Ft
1145	_ Pour-In-Place Permeable Surface	8157010	388.000	Sft
1150	_ Planter Potting Mix	8157021	32.000	Cyd
1155	_ Prepared Soil	8157021	522.000	Cyd
1160	_ Arboricultural Work	8157040	84.000	Hr
1165	_ Acer Rubrum 'Red Sunset', 2 1/2 inch	8157050	11.000	Ea
1170	_ Acer x freemanii 'Celebration', 2 1/2 inch	8157050	5.000	Ea
1175	_ Achillea millefolium 'Oertel's Rose', #1 pot	8157050	12.000	Ea
1180	_ Allium senescens subsp. 'Montanum', #1 pot	8157050	110.000	Ea

1185	_ Amsonia 'Blue Ice', #1 pot	8157050	27.000	Ea
1190	_ Bench, Backed	8157050	6.000	Ea
1195	_ Bench, Backless	8157050	10.000	Ea
1200	_ Bike Loop	8157050	9.000	Ea
1205	_ Calamagrotus Acutiflora 'Karl Foerster', #2 pot	8157050	18.000	Ea
1210	_ Celtis occidentalis, 2 1/2 inch	8157050	10.000	Ea
1215	_ Coreopsis Verticillata 'Zagreb', #1 pot	8157050	32.000	Ea
1220	_ Galium odoratum, 4 1/2 inch pot	8157050	40.000	Ea
1225	_ Gleditsia triacanthos inermis 'Skyline', 2 1/2 inch	8157050	10.000	Ea
1230	_ Hemerocallis 'Happy Returns', #1 pot	8157050	176.000	Ea
1235	_ Hemerocallis 'Strawberry Candy', #1 Cont	8157050	30.000	Ea
1240	_ Leucanthemum x superbum 'Daisy Duke', 4 1/2 inch pot	8157050	60.000	Ea
1245	_ Litter Receptacle	8157050	9.000	Ea
1250	_ Lysimachia nummularia 'Aurea', 4 1/2 inch pot	8157050	80.000	Ea
1255	_ Malus 'Purple Prince', 2 inch	8157050	9.000	Ea
1260	_ Nepata x Faassenii 'Walker's Low', #1 pot	8157050	23.000	Ea
1265	_ Pennisetum alopecuroides 'Burgundy Bunny', #1 pot	8157050	10.000	Ea
1270	_ Pennisetum alopecuroides 'Hameln', #2 pot	8157050	24.000	Ea
1275	_ Pennisetum Setaceum 'Red Riding Hood', No. 1 pot	8157050	6.000	Ea
1280	_ Perovskia atriplicifolia 'Little Spire', #1 pot	8157050	20.000	Ea
1285	_ Picea Abies 'Nidiformis', #3 cont	8157050	10.000	Ea
1290	_ Planter Pot	8157050	10.000	Ea
1295	_ Potentilla fruticosa 'Goldfinger', #3 cont.	8157050	9.000	Ea
1300	_ Rudbeckia Fulgida 'Early Bird Gold', #1 pot	8157050	54.000	Ea
1305	_ Sedum Spectabile 'Neon', #1 pot	8157050	37.000	Ea
1310	_ Taxus x media 'Densiformis', #3 cont.	8157050	16.000	Ea
1315	_ Tilia americana 'Redmond', 2 1/2 inch	8157050	5.000	Ea
1320	_ Ulmus x 'Frontier', 2 1/2 inch	8157050	2.000	Ea
1325	_ Viburnum Opulus 'Nanum', #3 cont	8157050	12.000	Ea
1330	Topsoil Surface, Furn, 4 inch	8160062	1,986.000	Syd
1335	Slope Restoration, Non-Freeway, Type E	8162005	19,757.000	Syd
1340	_ Turf Establishment, Performance	8167011	24,234.000	Syd
1345	_ Mulch, Shredded Bark	8167021	33.000	Cyd
1350	_ Seeding, Mixture Class A	8167030	93.000	Lb
1355	_ Automated Irrigation System	8167051	1.000	LSUM
1360	Conduit, Rem	8182000	675.000	Ft
1365	Conduit, Schedule 80, 1 inch	8182144	609.000	Ft
1370	Conduit, Schedule 80, 2 inch	8182146	3,722.000	Ft
1375	Conduit, Schedule 80, 3 inch	8182148	300.000	Ft
1380	Cable, Rem	8182196	700.000	Ft
1385	Cable, Equipment Grounding Wire, 1/C#6	8182291	3,640.000	Ft
1390	Cable, Equipment Grounding Wire, 1/C#10	8182293	280.000	Ft
1395	Hh, Polymer Conc	8182309	48.000	Ea
1400	Hh, Rem	8182330	9.000	Ea

1405	_ Cable, Sec 600V 1/C#10	8187001	620.000	Ft
1410	_ Cable, Sec 600V 1/C#6	8187001	23,260.000	Ft
1415	_ Cable, Sec 600V 1/C#8	8187001	3,200.000	Ft
1420	_ Elec Receptacle in Tree Planting Area	8187050	11.000	Ea
1425	Light Std Fdn	8190279	44.000	Ea
1430	_ Elec Service Panel	8197050	2.000	Ea
1435	_ Ornamental Light Fixture	8197050	44.000	Ea
1440	Power Co. (Est. Cost to Contractor)	8200116	1,120.000	Dlr
1445	Sign Optical, Rem	8200372	2.000	Ea
1450	Protect Corners	8210020	1.000	Ea
1455	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	28,200.000	Ft
1460	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	14,100.000	Ft
1465	Fire Hydrant	8230040	7.000	Ea
1470	Gate Valve and Box, 6 inch	8230051	7.000	Ea
1475	Gate Valve and Box, 8 inch	8230052	26.000	Ea
1480	Hydrant, Rem	8230091	6.000	Ea
1485	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
1490	Water Main, 8 inch, Cut and Plug	8230132	11.000	Ea
1495	Water Main, DI, 6 inch, Tr Det G	8230151	136.000	Ft
1500	Water Main, DI, 8 inch, Tr Det G	8230156	3,420.000	Ft
1505	Water Serv	8230240	26.000	Ea
1510	Water Serv, Long	8230245	12.000	Ea
1515	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
1520	Water Shutoff, Adj, Case 2	8230422	5.000	Ea
1525	Gate Box, Adj, Case 1	8230431	8.000	Ea
1530	Gate Box, Adj, Case 2	8230432	2.000	Ea
1535	Contractor Staking	8240001	1.000	LSUM
1540	Staking Plan Errors and Extras, Max \$180/hour	8240002	100.000	Hr
1545	Sanitary Sewer, PVC, 10 inch, Tr Det B2	8252038	315.000	Ft
1550	Sanitary Structure, 48 inch dia	8252072	2.000	Ea
1555	Sanitary Structure Cover, Type Q	8252098	6.000	Ea
1560	Sanitary Structure, Tap, 10 inch	8252112	1.000	Ea
1565	Sanitary Structure, Adj, Add Depth	8252140	2.000	Ft
1570	Sanitary Structure Cover, Adj, Case 1	8252145	4.000	Ea

Section: 2

1575	Structures, Rem (C02 of 80111)	2040060	1.000	LSUM
1580	Backfill, Structure, CIP	2060002	250.000	Cyd
1585	Excavation, Fdn	2060010	750.000	Cyd
1590	_ Liner, PVC, 30 mil, Spec	2087011	210.000	Syd
1595	Underdrain, Fdn, 6 inch	4040033	150.000	Ft
1600	Culv Bedding, Box Culv	4060005	90.000	Cyd
1605	Culv, Precast Conc Box, 12 foot by 7 foot	4060148	48.000	Ft
1610	Cofferdams, Left in Place (C02 of 80111)	7040009	1.000	LSUM

1615	Reinforcement, Steel, Epoxy Coated	7060092	866.000	Lb
1620	Conc, Grade 3500	7062001	275.000	Cyd
1625	Joint Waterproofing	7100001	115.000	Sft
1630	_ Silane Treatment	7107010	740.000	Sft

Schedule of Pay Items

Report v1

Letting Call: 221104 014

Letting Date: November 4, 2022

Contract ID: 52032-204069

Description: 0.66 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk ramps, storm sewer, drainage repairs, bridge approaches, water main, sanitary sewer and pavement markings on M-35 from Smith Street to the east branch of the Escanaba River, Marquette County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204069A	22A1070	N/A	ST 52032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$337,000.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0015	Dr Structure, Rem	2030011	16.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	2,086.000	Ft
0025	Sewer, Rem, 24 inch to 48 inch	2030016	153.000	Ft
0030	Curb and Gutter, Rem	2040020	2,115.000	Ft
0035	Curb, Rem	2040021	38.000	Ft
0040	Guardrail, Rem	2040035	181.000	Ft
0045	Pavt, Rem	2040050	210.000	Syd
0050	Sidewalk, Rem	2040055	915.000	Syd
0055	Exploratory Investigation, Vertical	2040080	200.000	Ft
0060	Embankment, CIP	2050010	1,040.000	Cyd
0065	Excavation, Earth	2050016	7,100.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	120.000	Cyd
0075	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	8.000	Ft
0085	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	79.000	Ea
0095	Erosion Control, Inlet Protection, Sediment Trap	2080024	14.000	Ea
0100	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0105	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0110	Erosion Control, Silt Fence	2080036	600.000	Ft
0115	Erosion Control, Turbidity Curtain, Deep	2080042	50.000	Ft
0120	Subbase, CIP	3010002	1,485.000	Cyd
0125	Aggregate Base	3020001	1,190.000	Ton
0130	Aggregate Base, 6 inch	3020016	11,380.000	Syd

0135	Aggregate Base, 9 inch	3020022	133.000	Syd
0140	HMA Base Crushing and Shaping	3050002	25,970.000	Syd
0145	Salv Crushed Material, LM	3050015	113.000	Cyd
0150	Driveway Maintenance, Commercial	3062000	21.000	Ea
0155	Driveway Maintenance, Residential	3062001	10.000	Ea
0160	Intersection Maintenance	3062002	12.000	Ea
0165	Approach, CI I, 6 inch	3070008	3,122.000	Syd
0170	Approach, CI II	3070021	25.000	Ton
0175	Shld, CI II	3070121	1,136.000	Ton
0180	Shld, CI II, 4 inch	3070126	85.000	Syd
0185	Culv, Slp End Sect, 1 on 4, 30 inch, Longit	4010927	1.000	Ea
0190	Sewer, CI A, 12 inch, Tr Det B	4020033	2,064.000	Ft
0195	Sewer, CI A, 15 inch, Tr Det B	4020034	8.000	Ft
0200	Sewer, CI A, 30 inch, Tr Det B	4020037	128.000	Ft
0205	Sewer Tap, 12 inch	4021204	1.000	Ea
0210	Sewer Tap, 15 inch	4021205	6.000	Ea
0215	Sewer Tap, 18 inch	4021206	2.000	Ea
0220	Sewer Tap, 24 inch	4021207	1.000	Ea
0225	Sewer Tap, 30 inch	4021208	2.000	Ea
0230	Video Taping Sewer and Culv Pipe	4021275	2,055.000	Ft
0235	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0240	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0245	Dr Structure Cover, Type B	4030010	14.000	Ea
0250	Dr Structure Cover, Type E	4030035	4.000	Ea
0255	Dr Structure Cover, Type K	4030050	70.000	Ea
0260	Dr Structure, 24 inch dia	4030200	6.000	Ea
0265	Dr Structure, 48 inch dia	4030210	62.000	Ea
0270	Dr Structure, 60 inch dia	4030220	10.000	Ea
0275	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	2.000	Ft
0280	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	32.000	Ft
0285	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	24.000	Ft
0290	Dr Structure, Tap, 12 inch	4030312	8.000	Ea
0295	_ Polyurethane Foam, Dr Structures, Add Depth	4037001	15.000	Ft
0300	_ Polyurethane Foam, External Void Fill	4037030	14.000	Lb
0305	_ Polyurethane Foam, Dr Structures	4037050	6.000	Ea
0310	HMA Surface, Rem	5010005	19,730.000	Syd
0315	HMA Quality Initiative	5010007	15,738.000	Dlr
0320	Longit Joint Density Quality Initiative	5010018	18,207.000	Dlr
0325	Hand Patching	5010025	19.000	Ton
0330	HMA Approach	5010061	750.000	Ton
0335	HMA, 3EML	5012013	1,835.000	Ton
0340	HMA, 4EML	5012025	4,377.000	Ton
0345	HMA, 5EML	5012037	929.000	Ton

0350	HMA, Temp Pavt (4EML)	5012103	230.000	Ton
0355	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	7.000	Syd
0360	Joint, Expansion, E3	6020208	126.000	Ft
0365	Conc Pavt, Bridge Approach, Reinf	6020600	259.000	Syd
0370	Driveway, Nonreinf Conc, 6 inch	8010005	170.000	Syd
0375	Curb and Gutter, Conc, Det B2	8020016	140.000	Ft
0380	Curb and Gutter, Conc, Det C2	8020021	90.000	Ft
0385	Curb and Gutter, Conc, Det F4	8020038	5,831.000	Ft
0390	Driveway Opening, Conc, Det M	8020050	1,124.000	Ft
0395	Shld Gutter, Conc, Det 1	8020055	1.000	Ea
0400	Curb and Gutter, Bridge Approach, Det 5	8022016	133.000	Ft
0405	_ Curb and Gutter, Conc, Det F4, Modified	8027001	271.000	Ft
0410	_ Driveway Opening, Conc, Det M, Modified	8027001	192.000	Ft
0415	Detectable Warning Surface	8030010	91.000	Ft
0420	Curb Ramp Opening, Conc	8030030	155.000	Ft
0425	Sidewalk, Conc, 4 inch	8030044	13,551.000	Sft
0430	Sidewalk, Conc, 6 inch	8030046	419.000	Sft
0435	Curb Ramp, Conc, 4 inch	8032001	1,301.000	Sft
0440	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0445	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0450	Guardrail Reflector	8070080	10.000	Ea
0455	Post, Mailbox	8070095	8.000	Ea
0460	Guardrail, Reconst, Type B	8070105	42.000	Ft
0465	Guardrail, Reconst, Type T	8070109	67.000	Ft
0470	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0475	Guardrail Anch, Bridge, Det M3	8070132	1.000	Ea
0480	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0485	Fence, Protective	8080007	500.000	Ft
0490	Delineator Reflector, Green	8100133	2.000	Ea
0495	Post, Rigid, Delineator	8100361	2.000	Ea
0500	Post, Steel, 3 pound	8100371	653.000	Ft
0505	Post, Wood, 4 inch by 6 inch	8100380	28.000	Ft
0510	Sign, Type III, Erect, Salv	8100402	26.000	Ea
0515	Sign, Type III, Rem	8100403	15.000	Ea
0520	Sign, Type IIIA	8100404	13.000	Sft
0525	Sign, Type IIIB	8100405	85.000	Sft
0530	Reflective Panel for Permanent Sign Support, 6 foot	8100616	20.000	Ea
0535	Sign, Type III, Rem, Salv	8102003	26.000	Ea
0540	Ground Mtd Sign Support, Rem	8102010	42.000	Ea
0545	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,440.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,440.000	Ft
0555	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,217.000	Ft
0560	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	6,036.000	Ft
0565	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,217.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	6,036.000	Ft

0575	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0580	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0585	Recessing Pavt Mrkg, Longit	8110450	12,253.000	Ft
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0595	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0600	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0605	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0615	Minor Traf Devices	8120170	1.000	LSUM
0620	Sign Cover	8120310	7.000	Ea
0625	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0630	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0635	Sign, Type B, Temp, Prismatic, Furn	8120350	1,670.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	1,670.000	Sft
0645	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0655	Traf Regulator Control	8120370	1.000	LSUM
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,560.000	Ft
0665	_ Riprap, Spec, Class II	8137011	65.000	Syd
0670	Slope Restoration, Non-Freeway, Type A	8162001	12,840.000	Syd
0675	Slope Restoration, Non-Freeway, Type B	8162002	167.000	Syd
0680	Slope Restoration, Non-Freeway, Type C	8162003	200.000	Syd
0685	Monument Box	8210001	16.000	Ea
0690	Fire Hydrant	8230040	9.000	Ea
0695	Gate Valve and Box, 6 inch	8230051	9.000	Ea
0700	Gate Valve and Box, 8 inch	8230052	6.000	Ea
0705	Hydrant, Rem	8230091	3.000	Ea
0710	Water Main, DI, 6 inch, Tr Det G	8230151	297.000	Ft
0715	Water Main, DI, 8 inch, Tr Det G	8230156	3,197.000	Ft
0720	Water Serv	8230240	19.000	Ea
0725	Water Serv, Long	8230245	14.000	Ea
0730	Water Shutoff, Adj, Case 1	8230421	13.000	Ea
0735	Contractor Staking	8240001	1.000	LSUM
0740	Staking Plan Errors and Extras, Max \$180/hour	8240002	29.000	Hr
0745	Sanitary Sewer, PVC, 8 inch, Tr Det B2	8252037	95.000	Ft
0750	Sanitary Sewer, PVC, 10 inch, Tr Det B2	8252038	66.000	Ft
0755	Sanitary Structure, 48 inch dia	8252072	6.000	Ea
0760	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	13.000	Ft
0765	Sanitary Structure Cover, Type Q	8252098	6.000	Ea
0770	Sanitary Structure, Rem	8252105	5.000	Ea
0775	Sanitary Sewer, Serv Lead, PVC, 6 inch	8252122	865.000	Ft
0780	Sanitary Sewer Cleanout, 6 inch	8252130	14.000	Ft

0785	_ Sanitary Sewer, PVC, 15 inch, Tr Det B2	8257001	1,570.000	Ft
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Schedule of Pay Items

Report v1

Letting Call: 221104 015

Letting Date: November 4, 2022

Contract ID: 51011-202982

Description: Bridge rehabilitation including partial deck replacement, substructure patching, full paint, pack rust removal, structural, mechanical and electrical and approach work on US-31 over Manistee River in the city of Manistee, Manistee County. This project includes a 2 year Bridge Coating Warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202982A	22A0945	N/A	HIPB 51011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0010	Dispute Review Board, Progress Meeting	1040050	28,000.000	Dlr
0015	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$1,154,100.00	1100001	1.000	LSUM
0025	Curb and Gutter, Rem	2040020	23.000	Ft
0030	Pavt, Rem	2040050	115.000	Syd
0035	Sidewalk, Rem	2040055	71.000	Syd
0040	Excavation, Earth	2050016	114.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	5.000	Cyd
0055	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0065	Erosion Control, Silt Fence	2080036	300.000	Ft
0070	Subbase, CIP	3010002	86.000	Cyd
0075	Aggregate Base, 6 inch	3020016	180.000	Syd
0080	HMA Surface, Rem	5010005	73.000	Syd
0085	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	166.000	Syd
0090	Joint, Expansion, Erg	6030021	42.000	Ft
0095	Curb, Conc, Det E4	8020004	76.000	Ft
0100	Sidewalk, Conc, 4 inch	8030044	667.000	Sft
0105	Guardrail, Reconst, Type T	8070109	164.000	Ft
0110	_ Fence, Spec	8087001	72.000	Ft
0115	Pavt Mrkg, Polyurea, 6 inch, White	8110094	480.000	Ft
0120	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	480.000	Ft
0125	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	960.000	Ft
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea

0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0140	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0145	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0155	Ltg for Night Work	8120160	1.000	LSUM
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0175	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	200.000	Ft
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	96.000	Ft
0185	Sign Cover	8120310	90.000	Ea
0190	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
0195	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0200	Sign, Type A, Temp, Prismatic, Furn	8120340	270.000	Sft
0205	Sign, Type A, Temp, Prismatic, Oper	8120341	270.000	Sft
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	3,041.000	Sft
0215	Sign, Type B, Temp, Prismatic, Oper	8120351	3,041.000	Sft
0220	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	878.000	Sft
0225	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	878.000	Sft
0230	Pedestrian Ramp, Temp	8122251	2.000	Ea
0235	Slope Restoration, Non-Freeway, Type B	8162002	111.000	Syd
0240	Contractor Staking	8240001	1.000	LSUM
0245	Staking Plan Errors and Extras, Max \$180/hour	8240002	123.000	Hr
0250	Structure Survey During Construction	8240020	1.000	LSUM

Section: 2

0255	_ Maintaining Navigation (B01 of 51011)	1077051	1.000	LSUM
0260	Joint, Expansion, E3	6020208	85.000	Ft
0265	Bridge Ltg, Furn and Rem (B01 of 51011)	7060001	1.000	LSUM
0270	Bridge Ltg, Oper and Maintain	7060002	304.000	Cyd
0275	Conc, Low Temperature Protection	7060020	4.000	Cyd
0280	Elec Grounding System	7060040	4.000	Ea
0285	Expansion Joint Device	7060050	308.000	Ft
0290	Expansion Joint Device, Cover Plate	7060051	48.000	Ft
0295	False Decking	7060060	9,147.000	Sft
0300	Reinforcement, Steel, Epoxy Coated	7060092	68,231.000	Lb
0305	Superstructure Conc, Form, Finish, and Cure (B01 of 51011)	7060111	1.000	LSUM
0310	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 51011)	7060112	1.000	LSUM
0315	Superstructure Conc, High Performance	7060116	78.000	Cyd
0320	Superstructure Conc, Night Casting, High Performance	7060117	304.000	Cyd

0325	Sealing Localized Cracks (B01 of 51011)	7060220	1.000	LSUM
0330	Conc, Grade 4500HP	7062004	4.000	Cyd
0335	_ Traffic Gate Pedestal	7067050	2.000	Ea
0340	Shear Developers (B01 of 51011)	7070040	1.000	LSUM
0345	Structural Steel, Mixed, Erect	7070050	13,224.000	Lb
0350	Structural Steel, Mixed, Furn and Fab	7070051	13,224.000	Lb
0355	_ Segmental Treads and Tracks	7077030	46,250.000	Lb
0360	_ Precast Conc Fascia Panels, Erect (B01 of 51011)	7087051	1.000	LSUM
0365	_ Precast Conc Fascia Panels, Furn (B01 of 51011)	7087051	1.000	LSUM
0370	Substructure Horizontal Surface Sealer	7100030	25.000	Syd
0375	Bridge Railing, 4 Tube	7110010	266.000	Ft
0380	_ Bridge Railing Panel, Rem, Salv, and Erect	7117001	261.000	Ft
0385	_ Railing, Architectural, Historic	7117001	231.000	Ft
0390	Hand Chipping, Other Than Deck	7120007	1,280.000	Cft
0395	Patch, Forming	7120017	1,880.000	Sft
0400	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	36.000	Ea
0405	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	725.000	Ea
0410	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	54.000	Ea
0415	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	517.000	Ea
0420	Bolt, Adhesive Anchored, 1/2 inch	7120040	962.000	Ea
0425	Bolt, Adhesive Anchored, 3/4 inch	7120042	4.000	Ea
0430	Structures, Rehabilitation, Rem Portions (B01 of 51011)	7120070	1.000	LSUM
0435	Masonry Plate, Grout	7120090	11.000	Ea
0440	Top Flanges and Beam Ends, Clean and Coat	7120100	327.000	Syd
0445	Embedded Galvanic Anode	7120120	1,440.000	Ea
0450	_ Structural Crack, Historic, Repr	7127001	75.000	Ft
0455	_ Cleaning Conc Surfaces, Soda Blasting	7127011	2,000.000	Syd
0460	_ Patching Conc, Historic	7127021	44.000	Cyd
0465	_ Alum Grille Screen Replacement	7127050	16.000	Ea
0470	_ Conc Testing, Historic (B01 of 51011)	7127051	1.000	LSUM
0475	Beam Plate, Seal Perimeter	7130010	27,900.000	Ft
0480	Support, Column, Temp	7130080	2.000	Ea
0485	Support, Diaphragm, Temp	7130081	8.000	Ea
0490	Protective Shield, Utility Pipe	7150025	70.000	Ft
0495	Steel Structure, Cleaning, Type 4 (B01 of 51011)	7150045	1.000	LSUM
0500	Steel Structure, Coating, Type 4 (B01 of 51011)	7150046	1.000	LSUM
0505	_ Adjustment of Counterweight Balance (B01 of 51011)	7157051	1.000	LSUM
0510	_ Counterweight Balance Calculations (B01 of 51011)	7157051	1.000	LSUM
0515	_ Heating and Housing (B01 of 51011)	7157051	1.000	LSUM
0520	Field Repr of Damaged Coating (B01 of 51011)	7160001	1.000	LSUM
0525	_ Bascule Span Elec Work (B01 of 51011)	8007051	1.000	LSUM
0530	_ Bascule Span Mechanical Work (B01 of 51011)	8007051	1.000	LSUM
0535	_ Operator House Misc Work (B01 of 51011)	8007051	1.000	LSUM

0540	_ Windows and Doors (B01 of 51011)	8007051	1.000	LSUM
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Schedule of Pay Items

Report v1

Letting Call: 221104 016**Letting Date:** November 4, 2022**Contract ID:** 66012-211554

Description: Bridge rehabilitation of 3 structures including deep overlay, epoxy overlay, joint replacement, deck patching, brush block and railing patching, substructure patching, curb and gutter, guardrail and approach work on US-45 over the east branch of the Ontonagon River, M-64 over Mineral River and M-69 over Paint River. This project includes a 5 year performance warranty for the thin epoxy polymer bridge deck overlay.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211554A	22A0968	N/A	ST 66012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$184,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	113.000	Ft
0015	Guardrail, Rem	2040035	2,563.000	Ft
0020	Pavt, Rem	2040050	539.000	Syd
0025	Sidewalk, Rem	2040055	75.000	Syd
0030	Embankment, CIP	2050010	27.000	Cyd
0035	Excavation, Earth	2050016	1,218.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	21.000	Ea
0045	Erosion Control, Silt Fence	2080036	500.000	Ft
0050	Subbase, CIP	3010002	873.000	Cyd
0055	Aggregate Base	3020001	486.000	Ton
0060	Shld, CI II	3070121	73.000	Ton
0065	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0070	Dr Structure Cover, Type D	4030025	8.000	Ea
0075	Dr Structure Cover, Type K	4030050	4.000	Ea
0080	Cold Milling HMA Surface	5010002	4,120.000	Syd
0085	HMA Surface, Rem	5010005	1,322.000	Syd
0090	HMA Quality Initiative	5010007	1,676.000	Dlr
0095	Longit Joint Density Quality Initiative	5010018	1,395.000	Dlr
0100	Hand Patching	5010025	4.000	Ton
0105	HMA, 4EML	5012025	268.000	Ton
0110	HMA, 5EML	5012037	566.000	Ton
0115	Joint, Expansion, E3	6020208	150.000	Ft
0120	Conc Pavt, Bridge Approach, Reinf	6020600	464.000	Syd
0125	_ Geotextile Retaining Wall	8007011	16.000	Syd
0130	Curb and Gutter, Conc, Det F4	8020038	111.000	Ft

0135	Curb and Gutter, Bridge Approach, Det 5	8022016	381.000	Ft
0140	Sidewalk, Conc, 4 inch	8030044	672.000	Sft
0145	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
0150	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0155	Guardrail Reflector	8070080	108.000	Ea
0160	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0165	Guardrail Anch, Bridge, Det A3	8070150	4.000	Ea
0170	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0175	Guardrail, Type MGS-8, 108 inch Post	8072180	1,999.000	Ft
0180	Fence, Temp	8080004	1,615.000	Ft
0185	Delineator Reflector, Green	8100133	8.000	Ea
0190	Post, Rigid, Delineator	8100361	8.000	Ea
0195	Post, Steel, 3 pound	8100371	120.000	Ft
0200	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0205	Sign, Type III, Rem, Salv	8102003	10.000	Ea
0210	Ground Mtd Sign Support, Rem	8102010	10.000	Ea
0215	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,400.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,798.000	Ft
0225	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,027.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,798.000	Ft
0235	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,027.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,306.000	Ft
0245	Protective Ovly, Snowmobile Trail Crossing	8110550	758.000	Syd
0250	_ Delineation, Bidirectional, Guardrail, Offset Block Mtd	8117050	32.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0265	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0270	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
0275	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0280	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0285	Conc Barrier Ending, Temp, Det 5, Adj	8120060	1.000	Ea
0290	Conc Barrier Ending, Temp, Det 5, Furn	8120061	1.000	Ea
0295	Conc Barrier Ending, Temp, Det 5, Oper	8120062	1.000	Ea
0300	Conc Barrier, Temp, Adj	8120080	362.000	Ft
0305	Conc Barrier, Temp, Furn	8120081	362.000	Ft
0310	Conc Barrier, Temp, Oper	8120082	362.000	Ft
0315	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	10.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0325	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0335	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,450.000	Ft
0340	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea

0345	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	72.000	Ft
0355	PTS System, Temp, Furn	8120270	1.000	Ea
0360	PTS System, Temp, Oper	8120271	1.000	Ea
0365	Sign Cover	8120310	10.000	Ea
0370	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
0375	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0385	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	68.000	Sft
0395	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	68.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0405	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	480.000	Ft
0410	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	480.000	Ft
0415	Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8121002	480.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	4,130.000	Ft
0425	Rumble Strip, Temp, Portable, Furn	8122188	8.000	Ea
0430	Rumble Strip, Temp, Portable, Oper	8122189	8.000	Ea
0435	Slope Restoration, Non-Freeway, Type B	8162002	1,070.000	Syd
0440	Slope Restoration, Non-Freeway, Type C	8162003	870.000	Syd
0445	Centerline Corrugations, Milled, HMA	8220013	342.000	Ft
0450	Contractor Staking	8240001	1.000	LSUM
0455	Staking Plan Errors and Extras, Max \$180/hour	8240002	15.000	Hr

Section: 2

0460	Bridge Ltg, Furn and Rem (B03 of 66012)	7060001	1.000	LSUM
0465	Bridge Ltg, Oper and Maintain	7060002	78.000	Cyd
0470	Expansion Joint Device	7060050	254.000	Ft
0475	Expansion Joint Device, Cover Plate	7060051	17.000	Ft
0480	False Decking	7060060	6,743.000	Sft
0485	Sealing Localized Cracks	7060220	1.000	LSUM
0490	Conc, Grade 4500	7062003	64.000	Cyd
0495	_ Expansion Joint, Type E3, Modified	7067001	80.000	Ft
0500	Structural Steel, Mixed, Erect	7070050	71.000	Lb
0505	Structural Steel, Mixed, Furn and Fab	7070051	71.000	Lb
0510	Structural Steel, Plate, Erect	7070060	9.000	Lb
0515	Structural Steel, Plate, Furn and Fab	7070061	9.000	Lb
0520	Joint Waterproofing	7100001	262.000	Sft
0525	Bridge Railing, Thrie Beam Retrofit	7110006	340.000	Ft
0530	Hand Chipping, Deep	7120004	95.000	Syd
0535	Hand Chipping, Other Than Deck	7120007	333.000	Cft
0540	Patch, Full Depth	7120010	7.000	Cyd
0545	Patch, Forming	7120017	1,332.000	Sft

0550	Epoxy Ovly, Rem	7120021	1,493.000	Syd
0555	Epoxy Ovly, Warranty	7120022	3,112.000	Syd
0560	Bridge Deck Surface Construction	7120025	529.000	Syd
0565	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	3.000	Ea
0570	Structures, Rehabilitation, Rem Portions (B01 of 36023)	7120070	1.000	LSUM
0575	Structures, Rehabilitation, Rem Portions (B02 of 66032)	7120070	1.000	LSUM
0580	Structures, Rehabilitation, Rem Portions (B03 of 66012)	7120070	1.000	LSUM
0585	Deck Joint, Rem	7120071	176.000	Ft
0590	Latex Conc Surface, Rem	7120072	529.000	Syd
0595	Hydrodemolition, First Pass	7120076	529.000	Syd
0600	Hydrodemolition, 2nd Pass	7120077	53.000	Syd
0605	Reinforcement, Mechanical Splice	7120084	40.000	Ea
0610	Patching Conc, C-L	7120112	20.000	Cyd
0615	Embedded Galvanic Anode	7120120	873.000	Ea
0620	Hand Chipping, Full Depth	7122000	169.000	Cft
0625	_ Structural Crack, Historic, Repr	7127001	100.000	Ft
0630	_ Conc, Deep Bridge Deck Ovly	7127021	78.000	Cyd
0635	_ Patching Conc, Historic	7127021	12.000	Cyd
0640	_ Conc Testing, Historic (B01 of 36023)	7127051	1.000	LSUM
0645	Drain Casting Assembly, Type 1	7172020	6.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 017**Letting Date:** November 4, 2022**Contract ID:** 37000-215932

Description: 0.98 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps and pavement markings on Broomfield Road from Mission Road to Isabella Road in the city of Mt. Pleasant, Isabella County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215932A	22A0951	N/A	STUL 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$46,200.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	406.000	Ft
0015	Sidewalk, Rem	2040055	288.000	Syd
0020	Excavation, Earth	2050016	133.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0030	Erosion Control, Silt Fence	2080036	100.000	Ft
0035	Subbase, CIP	3010002	45.000	Cyd
0040	Aggregate Base	3020001	77.000	Ton
0045	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0050	_ Polyurethane Foam, Dr Structures, Add Depth	4037001	40.000	Ft
0055	_ Polyurethane Foam, External Void Fill	4037030	30.000	Lb
0060	_ Polyurethane Foam, Dr Structures	4037050	10.000	Ea
0065	Cold Milling HMA Surface	5010002	27,121.000	Syd
0070	HMA Surface, Rem	5010005	101.000	Syd
0075	Hand Patching	5010025	29.000	Ton
0080	HMA Approach	5010061	91.000	Ton
0085	HMA, 5EML	5012037	2,374.000	Ton
0090	Curb and Gutter, Conc, Det F4	8020038	265.000	Ft
0095	Curb Ramp Opening, Conc	8030030	146.000	Ft
0100	Curb Ramp, Conc, 4 inch	8032001	1,419.000	Sft
0105	Curb Ramp, Conc, 6 inch	8032002	821.000	Sft
0110	_ Detectable Warning Surface, Modified	8037001	98.000	Ft
0115	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	580.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	172.000	Ft
0125	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,729.000	Ft
0135	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,857.000	Ft

0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,729.000	Ft
0145	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	11,857.000	Ft
0150	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0165	Pedestrian Type II Barricade, Temp	8120026	23.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	302.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	302.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	778.000	Ft
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	997.000	Ft
0205	Sign Cover	8120310	4.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	582.000	Sft
0215	Sign, Type B, Temp, Prismatic, Oper	8120351	582.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0225	Slope Restoration, Non-Freeway, Type A	8162001	168.000	Syd
0230	Wireless Vehicle Sensor Node, Salv	8200427	6.000	Ea
0235	Monument Box	8210001	1.000	Ea
0240	Monument Box Adj	8210005	1.000	Ea
0245	Gate Box, Adj, Case 1	8230431	21.000	Ea
0250	Sanitary Structure Cover, Adj, Case 1	8252145	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 018**Letting Date:** November 4, 2022**Contract ID:** 14041-214946

Description: 0.17 mi of concrete shared-use path, concrete curb, gutter and sidewalk ramps, traffic signal installation and pavement markings on US-12 from Claire Street easterly to Section Street and on US-12 at the intersection of Section Street in the village of Edwardsburg, Cass County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214946A	N/A	N/A	M 14041
215516A	22A1014	N/A	TAU 14041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$42,800.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0015	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0020	Curb and Gutter, Rem	2040020	108.000	Ft
0025	Pavt, Rem	2040050	37.000	Syd
0030	Sidewalk, Rem	2040055	111.000	Syd
0035	Exploratory Investigation, Vertical	2040080	40.000	Ft
0040	Ditch Cleanout	2050006	1.000	Sta
0045	Embankment, CIP	2050010	5.000	Cyd
0050	Excavation, Earth	2050016	5.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	75.000	Cyd
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0070	Erosion Control, Silt Fence	2080036	225.000	Ft
0075	Subbase, CIP	3010002	115.000	Cyd
0080	Aggregate Base, 3 inch	3020008	25.000	Syd
0085	Aggregate Base, 4 inch	3020010	94.000	Syd
0090	Aggregate Base, 6 inch	3020016	100.000	Syd
0095	Culv End Sect, 12 inch	4010012	3.000	Ea
0100	Culv, CI F, 12 inch	4010607	15.000	Ft
0105	Sewer, CI E, 12 inch, Tr Det B	4020600	54.000	Ft
0110	Dr Structure Cover, Type G	4030040	1.000	Ea
0115	Dr Structure, 24 inch dia	4030200	1.000	Ea
0120	HMA Surface, Rem	5010005	149.000	Syd
0125	Hand Patching	5010025	12.000	Ton
0130	HMA Approach	5010061	13.000	Ton

0135	Conc Base Cse, Nonreinf, 7 inch	6020017	8.000	Syd
0140	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	25.000	Syd
0145	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
0150	Curb and Gutter, Conc, Det F4	8020038	92.000	Ft
0155	Detectable Warning Surface	8030010	52.000	Ft
0160	Curb Ramp Opening, Conc	8030030	44.000	Ft
0165	Sidewalk, Conc, 4 inch	8030044	515.000	Sft
0170	Curb Ramp, Conc, 6 inch	8032002	682.000	Sft
0175	Shared use Path, Conc	8060020	850.000	Syd
0180	Shared use Path, Grading	8060030	744.000	Ft
0185	Post, Steel, 3 pound	8100371	72.000	Ft
0190	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0195	Sign, Type III, Rem	8100403	9.000	Ea
0200	Sign, Type IIIA	8100404	3.000	Sft
0205	Sign, Type IIIB	8100405	16.000	Sft
0210	Sign, Type III, Rem, Salv	8102003	3.000	Ea
0215	Ground Mtd Sign Support, Rem	8102010	9.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	444.000	Ft
0225	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	86.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0235	Pavt Mrkg, Waterborne, 6 inch, White	8110233	105.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	105.000	Ft
0245	Rem Spec Mrkg	8110343	385.000	Sft
0250	Recessing Pavt Mrkg, Transv	8110451	672.000	Sft
0255	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	105.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	105.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0275	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0285	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	188.000	Ft
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0295	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0300	_ Horticultural Work	8157040	10.000	Hr
0305	Slope Restoration, Non-Freeway, Type A	8162001	828.000	Syd
0310	Conduit, DB, 1, 1 1/2 inch	8182048	65.000	Ft
0315	Conduit, DB, 2, 3 inch	8182053	150.000	Ft
0320	Conduit, DB, 3, 3 inch	8182056	20.000	Ft
0325	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0330	Hh, Polymer Conc	8182309	2.000	Ea
0335	Hh, Round	8182310	3.000	Ea
0340	Hh, Round, 3 foot dia	8182319	1.000	Ea
0345	_ Conduit, DB, 1, 1 inch	8187001	10.000	Ft
0350	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0355	Controller Fdn, Base Mtd	8200045	1.000	Ea

0360	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0365	Pedestal, Fdn	8200105	2.000	Ea
0370	Power Co. (Est. Cost to Contractor)	8200116	100.000	Dlr
0375	Pedestal, Pushbutton, Alum	8200118	2.000	Ea
0380	Pushbutton and Sign	8200121	4.000	Ea
0385	Span Wire	8200140	4.000	Ea
0390	Span Wire Tether	8200142	2.000	Ea
0395	Cabinet, NEMA Type	8200186	1.000	Ea
0400	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	1.000	Ea
0405	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0410	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0415	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0420	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0425	Sign Optical, Rem	8200372	1.000	Ea
0430	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0435	Hemispherical Video Detection Camera	8200444	1.000	Ea
0440	Hemispherical Video Detection System	8200445	1.000	Ea
0445	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
0450	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
0455	Strain Pole Fdn, 6 Bolt	8200470	59.000	Ft
0460	Casing	8200480	45.000	Ft
0465	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0470	Backplate, TS	8200501	5.000	Ea
0475	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0480	Contractor Staking	8240001	1.000	LSUM
0485	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr
0490	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0495	Lightning Protection, Pole	8260021	1.000	Ea
0500	Power Serv, Underground, 60AMP, 120/240V	8260101	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 221104 019

Letting Date: November 4, 2022

Contract ID: 03034-201328

Description: Bridge rehabilitation including deck replacement, deep overlay, epoxy overlay, full depth deck patching, railing repairs, expansion joint replacement, end joint resealing, pin and hanger replacement, partial painting, structural steel repairs, PCI beam repairs, partial substructure replacement, substructure repairs, thrie beam retrofit replacement, concrete surface coating, silane treatment, pressure relief joints and approach work on 5 structures along I-196/US-31, Allegan County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201328A	22A0956	N/A	HIPB 03034
204371A	22A0961	N/A	BOI 03033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$546,200.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.350	Acre
0015	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0020	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0025	Curb and Gutter, Rem	2040020	110.000	Ft
0030	Pavt, Rem	2040050	4,475.000	Syd
0035	Excavation, Earth	2050016	2,142.000	Cyd
0040	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0045	_ Embankment, CIP, Spec	2057021	1,311.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	1.000	Ft
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0060	Erosion Control, Maintenance, Sediment Rem	2080026	27.000	Cyd
0065	Erosion Control, Sand Bag	2080028	200.000	Ea
0070	Erosion Control, Silt Fence	2080036	3,650.000	Ft
0075	Open-Graded Dr Cse, 6 inch	3030006	6,397.000	Syd
0080	Shld, CI II	3070121	230.000	Ton
0085	Shld, CI II, 8 inch	3070130	625.000	Syd
0090	Culv, Downspout, 15 inch	4010796	450.000	Ft
0095	Dr Marker Post	4011109	10.000	Ea
0100	_ Culv, Outlet Headwall, 15 Inch	4017050	10.000	Ea
0105	Cold Milling HMA Surface	5010002	1,500.000	Syd
0110	Bump Grinding	5010004	100.000	Syd
0115	HMA Surface, Rem	5010005	2,348.000	Syd
0120	HMA Quality Initiative	5010007	334.000	Dlr

0125	Hand Patching	5010025	5.000	Ton
0130	HMA Approach	5010061	162.000	Ton
0135	Joint, Contraction, Cp	6020200	2,365.000	Ft
0140	Joint, Contraction, C3p	6020201	929.000	Ft
0145	Joint, Expansion, E2	6020207	335.000	Ft
0150	Joint, Expansion, E3	6020208	260.000	Ft
0155	Joint, Expansion, E4	6020209	93.000	Ft
0160	Joint, Pressure Relief	6020213	180.000	Ft
0165	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	3,986.000	Syd
0170	Shld, Nonreinf Conc, High Performance	6020524	1,300.000	Syd
0175	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	655.000	Syd
0180	Curb and Gutter, Conc, Det B2	8020016	200.000	Ft
0185	Downspout Header, Conc	8020070	10.000	Ea
0190	Curb and Gutter, Bridge Approach, Det 1	8022010	34.000	Ft
0195	Curb and Gutter, Bridge Approach, Det 3A	8022015	155.000	Ft
0200	Curb and Gutter, Bridge Approach, Det 7A	8022020	105.000	Ft
0205	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0210	Guardrail, Reconst, Type B	8070105	2,901.000	Ft
0215	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0220	Guardrail, Type MGS-8, 72 inch Post	8072179	113.000	Ft
0225	Post, Steel, 3 pound	8100371	342.000	Ft
0230	Post, Wood, 4 inch by 6 inch	8100380	204.000	Ft
0235	Sign, Type II, Erect, Salv	8100396	16.000	Ea
0240	Sign, Type II, Rem	8100397	5.000	Ea
0245	Sign, Type IIA	8100398	27.000	Sft
0250	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0255	Sign, Type III, Rem	8100403	1.000	Ea
0260	Sign, Type IIIB	8100405	9.000	Sft
0265	Sign, Type VB	8100425	14.000	Sft
0270	Sign, Type II, Rem, Salv	8102002	16.000	Ea
0275	Sign, Type III, Rem, Salv	8102003	7.000	Ea
0280	Ground Mtd Sign Support, Rem	8102010	42.000	Ea
0285	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,900.000	Ft
0290	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,830.000	Ft
0295	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	275.000	Ft
0300	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	54.000	Ft
0305	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,900.000	Ft
0310	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,830.000	Ft
0315	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	275.000	Ft
0320	Rem Curing Compound, for Spec Mrkg	8110321	34.000	Sft
0325	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0330	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0335	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea

0345	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0350	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
0355	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
0360	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0365	Conc Barrier, Temp, Furn	8120081	1,980.000	Ft
0370	Conc Barrier, Temp, Oper	8120082	1,980.000	Ft
0375	Conc Barrier, Temp, Relocated	8120083	1,320.000	Ft
0380	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0385	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0395	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0405	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0410	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0415	Sign Cover	8120310	12.000	Ea
0420	Sign, Portable, Changeable Message, Furn	8120330	10.000	Ea
0425	Sign, Portable, Changeable Message, Oper	8120331	10.000	Ea
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	4,567.000	Sft
0435	Sign, Type B, Temp, Prismatic, Oper	8120351	4,567.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	333.000	Sft
0445	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	333.000	Sft
0450	Riprap, Plain	8130010	80.000	Syd
0455	Slope Restoration, Non-Freeway, Type A	8162001	3,300.000	Syd
0460	Slope Restoration, Non-Freeway, Type F	8162006	8,330.000	Syd
0465	Contractor Staking	8240001	1.000	LSUM
0470	Staking Plan Errors and Extras, Max \$180/hour	8240002	74.000	Hr

Section: 2

0475	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0480	Backfill, Structure, CIP	2060002	177.000	Cyd
0485	Excavation, Fdn	2060010	306.000	Cyd
0490	Underdrain, Fdn, 4 inch	4040031	366.000	Ft
0495	Underdrain Outlet, 4 inch	4040091	200.000	Ft
0500	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0505	Video Inspection of Underdrain	4040200	566.000	Ft
0510	HMA Patch, Rem	5010006	18.000	Syd
0515	Bridge Ltg, Furn and Rem (S01 of 03034)	7060001	1.000	LSUM
0520	Bridge Ltg, Furn and Rem (S03 of 03033)	7060001	1.000	LSUM
0525	Bridge Ltg, Furn and Rem (S04 of 03033)	7060001	1.000	LSUM
0530	Bridge Ltg, Furn and Rem (S04 of 03034)	7060001	1.000	LSUM
0535	Bridge Ltg, Oper and Maintain	7060002	774.000	Cyd
0540	Expansion Joint Device	7060050	523.000	Ft
0545	False Decking	7060060	30,740.000	Sft
0550	Reinforcement, Steel, Epoxy Coated	7060092	120,791.000	Lb

0555	Substructure Conc, High Performance	7060101	39.000	Cyd
0560	Superstructure Conc, Form, Finish, and Cure (S01 of 03034)	7060111	1.000	LSUM
0565	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 03034)	7060112	1.000	LSUM
0570	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03 of 03033)	7060112	1.000	LSUM
0575	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04 of 03033)	7060112	1.000	LSUM
0580	Superstructure Conc, High Performance	7060116	22.000	Cyd
0585	Superstructure Conc, Night Casting, High Performance	7060117	492.000	Cyd
0590	Sealing Localized Cracks (S01 of 03034)	7060220	1.000	LSUM
0595	Sealing Localized Cracks (S04 of 03033)	7060220	1.000	LSUM
0600	Sealing Localized Cracks (S04 of 03034)	7060220	1.000	LSUM
0605	Conc, Grade 4500HP	7062004	27.000	Cyd
0610	_ Fiber Reinf Polymer System for Prest Conc Beam Repr	7067010	128.000	Sft
0615	_ Conc, Michigan Ultra High Performance	7067020	11.000	Cft
0620	Bushing	7070030	48.000	Ea
0625	Shear Developers (S01 of 03034)	7070040	1.000	LSUM
0630	Structural Steel, Plate, Erect	7070060	519.000	Lb
0635	Structural Steel, Plate, Furn and Fab	7070061	519.000	Lb
0640	Metal Mesh Panels	7070120	3,340.000	Sft
0645	_ Structural Steel, Rem, Retrofit and Erect (S01 of 03034)	7077051	1.000	LSUM
0650	Joint Waterproofing	7100001	925.000	Sft
0655	Conc Surface Coating, Warranty (S01 of 03034)	7100009	1.000	LSUM
0660	Conc Surface Coating, Warranty (S03 of 03033)	7100009	1.000	LSUM
0665	Conc Surface Coating, Warranty (S04 of 03033)	7100009	1.000	LSUM
0670	Conc Surface Coating, Warranty (S04 of 03034)	7100009	1.000	LSUM
0675	Substructure Horizontal Surface Sealer (S01 of 03034)	7100030	65.000	Syd
0680	Substructure Horizontal Surface Sealer (S04 of 03033)	7100030	35.000	Syd
0685	Substructure Horizontal Surface Sealer (S04 of 03034)	7100030	43.000	Syd
0690	_ Silane Treatment	7107010	6,763.000	Sft
0695	Reflective Marker, Permanent Barrier	7110003	12.000	Ea
0700	Bridge Railing, Thrie Beam Retrofit	7110006	1,024.000	Ft
0705	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, High Performance	7112062	642.000	Ft
0710	Scarifying	7120001	1,480.000	Syd
0715	Hand Chipping, Shallow	7120003	8.000	Syd
0720	Hand Chipping, Deep	7120004	15.000	Syd
0725	Hand Chipping, Other Than Deck	7120007	1,339.000	Cft
0730	Patch, Full Depth	7120010	4.000	Cyd
0735	Patch, Forming	7120017	4,692.000	Sft
0740	Epoxy Ovly	7120020	616.000	Syd
0745	Bridge Deck Surface Construction	7120025	1,480.000	Syd
0750	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	36.000	Ea

0755	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	16.000	Ea
0760	Structures, Rehabilitation, Rem Portions (S01 of 03034)	7120070	1.000	LSUM
0765	Structures, Rehabilitation, Rem Portions (S03 of 03033)	7120070	1.000	LSUM
0770	Structures, Rehabilitation, Rem Portions (S04 of 03033)	7120070	1.000	LSUM
0775	Structures, Rehabilitation, Rem Portions (S04 of 03034)	7120070	1.000	LSUM
0780	Deck Joint, Rem	7120071	385.000	Ft
0785	Hydrodemolition, First Pass	7120076	1,480.000	Syd
0790	Hydrodemolition, 2nd Pass	7120077	69.000	Syd
0795	Bridge Joint, Revise Expansion Device	7120080	3.000	Ea
0800	Reinforcement, Mechanical Splice	7120084	44.000	Ea
0805	Flushing Cracks, Water	7120098	100.000	Ft
0810	Structural Crack, Repr	7120099	100.000	Ft
0815	Top Flanges and Beam Ends, Clean and Coat	7120100	28.000	Syd
0820	Patching Conc, C-L	7120112	54.000	Cyd
0825	Embedded Galvanic Anode	7120120	1,566.000	Ea
0830	Hand Chipping, Full Depth	7122000	82.000	Cft
0835	Bridge Joint, Strip Seal Gland Replacement	7122005	99.000	Ft
0840	_ Bridge Joints, Clean and Seal	7127001	52.000	Ft
0845	_ Hand Chipping, Spec	7127010	30.000	Sft
0850	_ Conc, Deep Bridge Deck Ovly	7127021	302.000	Cyd
0855	_ Latex Modified Conc, Spec	7127021	2.000	Cyd
0860	Beam Plate, Seal Perimeter	7130010	1,494.000	Ft
0865	Hanger Assembly, Field Measurement	7130030	28.000	Ea
0870	Hanger Assembly, Rem and Erect	7130031	28.000	Ea
0875	Structural Steel, Furn and Fab, Pin and Hanger	7130070	5,229.000	Lb
0880	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	713.000	Lb
0885	Support, Column, Temp	7130080	63.000	Ea
0890	Protective Shield, Utility Pipe	7150025	393.000	Ft
0895	Steel Structure, Cleaning, Partial, Type 4 (S01 of 03034)	7150047	1.000	LSUM
0900	Steel Structure, Cleaning, Partial, Type 4 (S04 of 03033)	7150047	1.000	LSUM
0905	Steel Structure, Cleaning, Partial, Type 4 (S04 of 03034)	7150047	1.000	LSUM
0910	Steel Structure, Coating, Partial, Type 4 (S01 of 03034)	7150048	1.000	LSUM
0915	Steel Structure, Coating, Partial, Type 4 (S04 of 03033)	7150048	1.000	LSUM
0920	Steel Structure, Coating, Partial, Type 4 (S04 of 03034)	7150048	1.000	LSUM
0925	Field Repr of Damaged Coating (S04 of 03033)	7160001	1.000	LSUM
0930	Bridge Sign Connection, Bolt Replacement	8100020	2.000	Ea
0935	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0940	Sign, Type I, Rem	8100391	2.000	Ea
0945	Slope Paving Header	8130015	380.000	Ft

0950	Slope Paving, Conc	8130020	650.000	Syd
0955	_ Slope Protection, Replace	8137011	105.000	Syd
0960	Structure Survey During Construction (S01 of 03034)	8240020	1.000	LSUM



10/6/2022 3:18 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 020**Letting Date:** November 4, 2022**Contract ID:** 25101-204972

Description: Bridge rehabilitation including epoxy overlay, concrete deck, barrier and substructure patching, replacement of expansion joints, PCI beam repairs, riprap placement, guardrail and approach work on M-57 over the Flint River, Genesee County. This project includes a 5 year epoxy overlay performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204972A	22A1015	N/A	NH 25101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Critical Path Method Schedule	1080005	15,000.000	Dlr
0010	Mobilization, Max \$113,200.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.100	Acre
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0025	Guardrail, Rem	2040035	903.000	Ft
0030	Pavt, Rem	2040050	567.000	Syd
0035	Embankment, CIP	2050010	27.000	Cyd
0040	Excavation, Earth	2050016	119.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0050	Erosion Control, Silt Fence	2080036	731.000	Ft
0055	Aggregate Base, 6 inch	3020016	546.000	Syd
0060	Culv, Downspout, 12 inch	4010795	46.000	Ft
0065	Culv, Outlet Headwall, 12 inch	4012000	2.000	Ea
0070	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0075	Cold Milling HMA Surface	5010002	97.000	Syd
0080	HMA Surface, Rem	5010005	5.000	Syd
0085	HMA Approach	5010061	9.000	Ton
0090	Joint, Expansion, E2	6020207	48.000	Ft
0095	Joint, Expansion, E3	6020208	126.000	Ft
0100	Joint, Expansion, E4	6020209	40.000	Ft
0105	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	118.000	Syd
0110	Shld, Nonreinf Conc, High Performance	6020524	91.000	Syd
0115	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	298.000	Syd
0120	_ Temp Haul Road	8007051	1.000	LSUM
0125	Curb and Gutter, Bridge Approach, Det 5	8022016	104.000	Ft
0130	Curb and Gutter, Bridge Approach, Det 7	8022018	56.000	Ft
0135	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea

0140	Guardrail Reflector	8070080	32.000	Ea
0145	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0150	Guardrail, Type MGS-8, 108 inch Post	8072180	514.000	Ft
0155	Delineator Reflector, Green	8100133	4.000	Ea
0160	Fdn, Wood Support, Rem	8100280	2.000	Ea
0165	Post, Rigid, Delineator	8100361	4.000	Ea
0170	Post, Steel, 3 pound	8100371	70.000	Ft
0175	Post, Wood, 4 inch by 6 inch	8100380	29.000	Ft
0180	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0185	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0190	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0195	Sign, Type III, Rem, Salv	8102003	8.000	Ea
0200	Ground Mtd Sign Support, Rem	8102010	5.000	Ea
0205	Pavt Mrkg, Waterborne, 4 inch, White	8110231	70.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,320.000	Ft
0215	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,000.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	70.000	Ft
0225	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,320.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,000.000	Ft
0235	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0250	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0255	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0260	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0265	Conc Barrier, Temp, Adj	8120080	800.000	Ft
0270	Conc Barrier, Temp, Furn	8120081	800.000	Ft
0275	Conc Barrier, Temp, Oper	8120082	800.000	Ft
0280	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0285	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0295	Mobile Attenuator	8120180	2.000	Ea
0300	Pavt Mrkg Cover, Type R, Black	8120200	420.000	Ft
0305	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,600.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,800.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0320	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0325	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0330	Sign Cover	8120310	2.000	Ea
0335	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0340	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea

0345	Sign, Type B, Temp, Prismatic, Furn	8120350	412.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	412.000	Sft
0355	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	32.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	32.000	Sft
0365	Traf Regulator Control	8120370	1.000	LSUM
0370	TS, Temp, Furn	8120400	1.000	Ea
0375	TS, Temp, Oper	8120401	1.000	Ea
0380	Riprap, Plain	8130010	4.000	Syd
0385	Slope Restoration, Non-Freeway, Type B	8162002	150.000	Syd
0390	Slope Restoration, Non-Freeway, Type C	8162003	150.000	Syd
0395	_ Turf Establishment, Performance	8167011	1.000	Syd
0400	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0405	Backplate, TS	8200501	8.000	Ea
0410	Radar Vehicle Presence Stop-Bar Detector System	8200510	1.000	Ea
0415	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	2.000	Ea
0420	Monument Box	8210001	2.000	Ea
0425	Monument Preservation	8210010	2.000	Ea
0430	Contractor Staking	8240001	1.000	LSUM
0435	Staking Plan Errors and Extras, Max \$180/hour	8240002	13.000	Hr

Section: 2

0440	_ Excavation, Under Structures	2057021	250.000	Cyd
0445	Backfill, Structure, CIP	2060002	10.000	Cyd
0450	Excavation, Fdn	2060010	10.000	Cyd
0455	Erosion Control, Turbidity Curtain, Shallow	2080044	275.000	Ft
0460	HMA Patch, Rem	5010006	2.000	Syd
0465	Expansion Joint Device	7060050	260.000	Ft
0470	False Decking	7060060	15,330.000	Sft
0475	Reinforcement, Steel, Epoxy Coated	7060092	4,800.000	Lb
0480	Conc, Grade 4500HP	7062004	23.000	Cyd
0485	_ Fiber Reinf Polymer System for Prest Conc Beam Repr	7067010	47.000	Sft
0490	Joint Waterproofing	7100001	187.000	Sft
0495	Substructure Horizontal Surface Sealer (B01-25101)	7100030	100.000	Syd
0500	_ Bridge Barrier Railing, Reconst Portions	7117001	68.000	Ft
0505	Hand Chipping, Deep	7120004	38.000	Syd
0510	Hand Chipping, Other Than Deck	7120007	485.000	Cft
0515	Patch, Forming	7120017	970.000	Sft
0520	Structures, Rehabilitation, Rem Portions (B01-25101)	7120070	1.000	LSUM
0525	Deck Joint, Rem	7120071	267.000	Ft
0530	Flushing Cracks, Water	7120098	400.000	Ft
0535	Structural Crack, Repr	7120099	400.000	Ft
0540	Patching Conc, C-L	7120112	25.000	Cyd
0545	Embedded Galvanic Anode	7120120	768.000	Ea
0550	_ Hand Chipping, Spec	7127010	35.000	Sft

0555	_ High Friction Epoxy Ovly, Warranty	7127011	1,824.000	Syd
0560	_ Latex Modified Conc, Spec	7127021	1.000	Cyd
0565	_ Riprap, Under Structures, Plain	8137031	103.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 221104 021**Letting Date:** November 4, 2022**Contract ID:** 82123-130174

Description: Bridge rehabilitation on 11 structures including deck replacement, partial pier replacement, partial painting, deck joint replacement, deck patches, substructure and structural steel repairs and approach work on various routes over I-96 in the city of Detroit, Wayne County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130174A	22A1036	N/A	IM 82123

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	9,960.000	Dlr
0010	Mobilization, Max \$805,800.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	436.000	Ft
0020	Curb, Rem	2040021	376.000	Ft
0025	Fence, Rem	2040025	80.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	15.000	Cyd
0035	Pavt, Rem	2040050	2,331.000	Syd
0040	Sidewalk, Rem	2040055	1,373.000	Syd
0045	Exploratory Investigation, Vertical	2040080	48.000	Ft
0050	Embankment, CIP	2050010	204.000	Cyd
0055	Excavation, Earth	2050016	1,897.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0070	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	75.000	Ea
0080	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0085	Erosion Control, Silt Fence	2080036	1,142.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0095	Aggregate Base, 4 inch	3020010	1,145.000	Syd
0100	Aggregate Base, 6 inch	3020016	395.000	Syd
0105	Open-Graded Dr Cse, CIP	3030030	1,905.000	Cyd
0110	Geotextile, Separator	3080005	4,350.000	Syd
0115	Geotextile, Stabilization	3080010	50.000	Syd
0120	Dr Structure Cover, Adj, Case 1, Modified	4030004	35.000	Ea
0125	Dr Structure Lead, Cleaning, 12 inch	4030112	300.000	Ft
0130	Dr Structure, Cleaning	4030290	5.000	Ea

0135	Dr Structure, Tap, 6 inch	4030306	7.000	Ea
0140	Underdrain, Pipe, Open-Graded, 6 inch	4040043	255.000	Ft
0145	Underdrain Outlet, 6 inch	4040093	85.000	Ft
0150	Pavt, Cleaning	5010001	1.000	LSUM
0155	HMA Surface, Rem	5010005	2,199.000	Syd
0160	HMA Quality Initiative	5010007	162.000	Dlr
0165	Hand Patching	5010025	81.000	Ton
0170	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	3,020.000	Syd
0175	Joint, Contraction, Cp	6020200	160.000	Ft
0180	Joint, Expansion, E3	6020208	312.000	Ft
0185	Joint, Contraction, Cp, Intersection	6020250	1,359.000	Ft
0190	Joint, Expansion, E2, Intersection	6020270	367.000	Ft
0195	Conc Pavt, Bridge Approach, Reinf	6020600	781.000	Syd
0200	Cement	6030005	6.000	Ton
0205	Joint, Expansion, Erg	6030021	484.000	Ft
0210	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0215	Curb, Conc, Det E1	8020001	1,367.000	Ft
0220	Curb and Gutter, Conc, Det F3	8020037	211.000	Ft
0225	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0230	Detectable Warning Surface	8030010	195.000	Ft
0235	Curb Ramp Opening, Conc	8030030	369.000	Ft
0240	Sidewalk, Conc, 4 inch	8030044	5,666.000	Sft
0245	Curb Ramp, Conc, 6 inch	8032002	4,487.000	Sft
0250	Guardrail, Type T	8070002	51.000	Ft
0255	Guardrail, Curved, Type T	8070011	50.000	Ft
0260	Guardrail Anch, Bridge, Det T4	8070025	2.000	Ea
0265	Fence, Protective	8080007	50.000	Ft
0270	Fence, Chain Link, 48 inch	8080011	80.000	Ft
0275	Band, Sign	8100010	6.000	Ea
0280	Bridge Sign Connection, Bolt Replacement	8100020	2.000	Ea
0285	Bridge Sign Connection, Conc, Type A1	8100031	5.000	Ea
0290	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
0295	Bridge Sign Connection, Type A, Rem	8100080	9.000	Ea
0300	Bridge Sign Connection, Type C, Rem	8100082	1.000	Ea
0305	Post, Steel, 3 pound	8100371	90.000	Ft
0310	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0315	Sign, Type I, Rem	8100391	1.000	Ea
0320	Sign, Type IA	8100392	152.000	Sft
0325	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0330	Sign, Type II, Rem	8100397	4.000	Ea
0335	Sign, Type IIB	8100399	28.000	Sft
0340	Sign, Type III, Rem	8100403	13.000	Ea
0345	Sign, Type IIIA	8100404	35.000	Sft
0350	Sign, Type IIIB	8100405	17.000	Sft
0355	Sign, Type I, Rem, Salv	8102001	2.000	Ea

0360	Sign, Type II, Rem, Salv	8102002	5.000	Ea
0365	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0370	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	640.000	Ft
0375	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	210.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	670.000	Ft
0385	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,550.000	Ft
0390	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,070.000	Ft
0395	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	18,880.000	Ft
0400	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,250.000	Ft
0405	Rem Curing Compound, for Spec Mrkg	8110321	850.000	Sft
0410	Rem Spec Mrkg	8110343	180.000	Sft
0415	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0420	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0425	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	1.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	132.000	Ea
0435	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	132.000	Ea
0440	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0445	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	45.000	Ea
0450	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	45.000	Ea
0455	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0460	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0465	Conc Barrier Ending, Temp, Det 4, Furn	8120051	10.000	Ea
0470	Conc Barrier Ending, Temp, Det 4, Oper	8120052	10.000	Ea
0475	Conc Barrier Ending, Temp, Det 4, Relocated	8120053	10.000	Ea
0480	Conc Barrier, Temp, Furn	8120081	1,720.000	Ft
0485	Conc Barrier, Temp, Oper	8120082	1,720.000	Ft
0490	Conc Barrier, Temp, Relocated	8120083	1,720.000	Ft
0495	High Intensity Light, Type B, Furn	8120110	11.000	Ea
0500	High Intensity Light, Type B, Oper	8120111	11.000	Ea
0505	Lighted Arrow, Type C, Furn	8120140	16.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	16.000	Ea
0515	Minor Traf Devices	8120170	1.000	LSUM
0520	Mobile Attenuator	8120180	8.000	Ea
0525	Part Width Intersection Construction	8120190	4.000	Ea
0530	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	26,680.000	Ft
0535	Plastic Drum, Fluorescent, Furn	8120252	1,736.000	Ea
0540	Plastic Drum, Fluorescent, Oper	8120253	1,736.000	Ea
0545	Sign Cover	8120310	94.000	Ea
0550	Sign Cover, Type I	8120320	4.000	Ea
0555	Sign, Portable, Changeable Message, Furn	8120330	8.000	Ea
0560	Sign, Portable, Changeable Message, Oper	8120331	8.000	Ea
0565	Sign, Type A, Temp, Prismatic, Furn	8120340	950.000	Sft
0570	Sign, Type A, Temp, Prismatic, Oper	8120341	950.000	Sft

0575	Sign, Type B, Temp, Prismatic, Furn	8120350	8,950.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	8,950.000	Sft
0585	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	780.000	Sft
0590	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	780.000	Sft
0595	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	12,890.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	18,880.000	Ft
0605	Speed Radar Trailer, Temp	8122028	4.000	Ea
0610	Conc Barrier-Mtd Temp Sign System, Furn	8122192	60.000	Ea
0615	Conc Barrier-Mtd Temp Sign System, Oper	8122193	60.000	Ea
0620	Slope Restoration, Non-Freeway, Type B	8162002	857.000	Syd
0625	_ Cable, Install Salv	8187001	690.000	Ft
0630	_ Cable, Rem and Salv	8187001	1,350.000	Ft
0635	Light Std Arm, 6 foot	8190265	2.000	Ea
0640	Light Std Arm, Install Salv	8190276	8.000	Ea
0645	Light Std Arm, Rem and Salv	8190278	10.000	Ea
0650	Light Std Fdn	8190279	10.000	Ea
0655	Light Std Shaft, 30 foot or less	8190285	8.000	Ea
0660	Light Std Shaft, Rem	8190305	8.000	Ea
0665	Luminaire, Install Salv	8190350	10.000	Ea
0670	Luminaire, Rem and Salv	8190365	10.000	Ea
0675	TS Face, Bag	8200458	69.000	Ea
0680	TS Face, Bag, Rem	8200459	69.000	Ea
0685	Monument Box	8210001	1.000	Ea
0690	Monument Box Adj	8210005	1.000	Ea
0695	Monument Preservation	8210010	1.000	Ea
0700	Protect Corners	8210020	1.000	Ea
0705	Contractor Staking	8240001	1.000	LSUM
0710	Staking Plan Errors and Extras, Max \$180/hour	8240002	80.000	Hr

Section: 2

0715	Structures, Rem Portions (P05 of 82123)	2040061	1.000	LSUM
0720	Backfill, Structure, CIP	2060002	6.000	Cyd
0725	Excavation, Fdn	2060010	32.000	Cyd
0730	Bridge Ltg, Furn and Rem (S14 of 82123)	7060001	1.000	LSUM
0735	Bridge Ltg, Oper and Maintain	7060002	709.000	Cyd
0740	Elec Grounding System	7060040	1.000	Ea
0745	Expansion Joint Device	7060050	823.000	Ft
0750	Expansion Joint Device, Cover Plate	7060051	134.000	Ft
0755	False Decking	7060060	32,188.000	Sft
0760	Reinforcement, Steel, Epoxy Coated	7060092	207,716.000	Lb
0765	Substructure Conc, High Performance	7060101	3.000	Cyd
0770	Superstructure Conc, Form, Finish, and Cure (S14 of 82123)	7060111	1.000	LSUM
0775	Superstructure Conc, Form, Finish, and Cure, Night	7060112	1.000	LSUM

	Casting (S14 of 82123)			
0780	Superstructure Conc, High Performance	7060116	186.000	Cyd
0785	Superstructure Conc, Night Casting, High Performance	7060117	709.000	Cyd
0790	Sealing Localized Cracks (S14 of 82123)	7060220	1.000	LSUM
0795	Conc, Grade 4500HP	7062004	148.000	Cyd
0800	Aesthetic Texturing	7062005	15.000	Syd
0805	Shear Developers (S14 of 82123)	7070040	1.000	LSUM
0810	Metal Mesh Panels	7070120	20,924.000	Sft
0815	Joint Waterproofing	7100001	275.000	Sft
0820	Conc Surface Coating, Warranty (S14 of 82123)	7100009	1.000	LSUM
0825	Conc Surface Coating, Warranty (S17 of 82123)	7100009	1.000	LSUM
0830	Conc Surface Coating, Warranty (S18 of 82123)	7100009	1.000	LSUM
0835	Conc Surface Coating, Warranty (S21 of 82123)	7100009	1.000	LSUM
0840	Conc Surface Coating, Warranty (S29 of 82123)	7100009	1.000	LSUM
0845	Conc Surface Coating, Warranty (S36 of 82123)	7100009	1.000	LSUM
0850	Conc Surface Coating, Warranty (S37 of 82123)	7100009	1.000	LSUM
0855	Penetrating Healer/Sealer, Bridge Deck	7100025	487.000	Syd
0860	Substructure Horizontal Surface Sealer (S14 of 82123)	7100030	26.000	Syd
0865	Substructure Horizontal Surface Sealer (S15 of 82123)	7100030	39.000	Syd
0870	Substructure Horizontal Surface Sealer (S17 of 82123)	7100030	20.000	Syd
0875	_ Silane Treatment	7107010	5,222.000	Sft
0880	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	573.000	Ft
0885	Hand Chipping, Shallow	7120003	57.000	Syd
0890	Hand Chipping, Deep	7120004	144.000	Syd
0895	Hand Chipping, Other Than Deck	7120007	3,651.000	Cft
0900	Patch, Full Depth	7120010	103.000	Cyd
0905	Patch, Forming	7120017	11,036.000	Sft
0910	Epoxy Ovly	7120020	9,990.000	Syd
0915	Epoxy Ovly, Rem	7120021	1,075.000	Syd
0920	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	12.000	Ea
0925	Structures, Rehabilitation, Rem Portions (S14 of 82123)	7120070	1.000	LSUM
0930	Structures, Rehabilitation, Rem Portions (S17 of 82123)	7120070	1.000	LSUM
0935	Deck Joint, Rem	7120071	578.000	Ft
0940	Flushing Cracks, Water	7120098	215.000	Ft
0945	Structural Crack, Repr	7120099	215.000	Ft
0950	Top Flanges and Beam Ends, Clean and Coat	7120100	317.000	Syd
0955	Patching Conc, C-L	7120112	145.000	Cyd
0960	Embedded Galvanic Anode	7120120	5,022.000	Ea
0965	Hand Chipping, Full Depth	7122000	2,703.000	Cft
0970	Bridge Joint, Strip Seal Gland Replacement	7122005	446.000	Ft
0975	Beam Plate, Seal Perimeter	7130010	1,371.000	Ft
0980	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	23,797.000	Lb

0985	Support, Column, Temp	7130080	34.000	Ea
0990	Protective Shield, Utility Pipe	7150025	838.000	Ft
0995	Fence, Structure	8080110	7,697.000	Sft
1000	Conduit, Fiberglass, 4 inch, Structure	8182071	3,436.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 221104 022**Letting Date:** November 4, 2022**Contract ID:** 56021-211731**Description:** 16.79 mi of sinusoidal corrugations on hot mix asphalt shoulders on M-20 from Greencrest Drive to Meridian Road, Isabella and Midland Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211731A	22A0970	N/A	HSIP 56021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$7,400.00	1100001	1.000	LSUM
0010	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0015	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0020	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0025	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0030	Minor Traf Devices	8120170	1.000	LSUM
0035	Sign, Type B, Temp, Prismatic, Furn	8120350	376.000	Sft
0040	Sign, Type B, Temp, Prismatic, Oper	8120351	376.000	Sft
0045	Traf Regulator Control	8120370	1.000	LSUM
0050	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	177,300.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 221104 023**Letting Date:** November 4, 2022**Contract ID:** 4100-211739**Description:** 299.06 mi of non-freeway intersection signing improvements on various routes, Allegan, Barry, Ionia, Kent, and Montcalm Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211739A	22A0991	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$43,900.00	1100001	1.000	LSUM
0010	Post, Steel, 3 pound	8100371	18,720.000	Ft
0015	Sign, Type III, Rem	8100403	5.000	Ea
0020	Sign, Type IIIA	8100404	3,001.000	Sft
0025	Sign, Type IIIB	8100405	7,912.000	Sft
0030	Reflective Panel for Permanent Sign Support, 3 foot	8100613	1,266.000	Ea
0035	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1,246.000	Ea
0040	Ground Mtd Sign Support, Rem	8102010	5.000	Ea
0045	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0055	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Mobile Attenuator	8120180	2.000	Ea
0075	Sign Cover	8120310	5.000	Ea
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0085	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0090	Contractor Staking	8240001	1.000	LSUM
0095	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 221104 024**Letting Date:** November 4, 2022**Contract ID:** 27023-202914**Description:** 76.44 mi of non-freeway signing along M-28 and US-2 in the cities of Bessemer, Ironwood and Wakefield, Gogebic County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202914A	22A1068	N/A	HSIP 27023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$72,500.00	1100001	1.000	LSUM
0010	Band, Sign	8100010	6.000	Ea
0015	Fdn, Wood Support, Rem	8100280	705.000	Ea
0020	Installing MDOT Supplied Sign, Type II	8100301	3.000	Ea
0025	Installing MDOT Supplied Sign, Type III	8100302	128.000	Ea
0030	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
0035	Post Hole Through Conc for Wood Post	8100341	5.000	Ea
0040	Post, Steel, 3 pound	8100371	20,696.000	Ft
0045	Post, Wood, 4 inch by 6 inch	8100380	4,094.000	Ft
0050	Post, Wood, 6 inch by 8 inch	8100382	1,124.000	Ft
0055	Sign, Type I, Rem	8100391	5.000	Ea
0060	Sign, Type II, Erect, Salv	8100396	6.000	Ea
0065	Sign, Type II, Rem	8100397	240.000	Ea
0070	Sign, Type IIA	8100398	1,796.000	Sft
0075	Sign, Type IIB	8100399	91.000	Sft
0080	Sign, Type III, Erect, Salv	8100402	90.000	Ea
0085	Sign, Type III, Rem	8100403	819.000	Ea
0090	Sign, Type IIIA	8100404	2,077.000	Sft
0095	Sign, Type IIIB	8100405	2,818.000	Sft
0100	Sign, Type V, Rem	8100421	23.000	Ea
0105	Sign, Type VA	8100424	115.000	Sft
0110	Sign, Type VB	8100425	2,103.000	Sft
0115	Reflective Panel for Permanent Sign Support, 3 foot	8100613	92.000	Ea
0120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	422.000	Ea
0125	Sign, Type II, Rem, Salv	8102002	6.000	Ea
0130	Sign, Type III, Rem, Salv	8102003	90.000	Ea
0135	Ground Mtd Sign Support, Rem	8102010	970.000	Ea
0140	_ Post Hole Through Rock for Steel Post	8107050	40.000	Ea

0145	_ Post Hole Through Rock for Wood Post	8107050	40.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0155	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0165	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0175	Sign Cover	8120310	10.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	1,690.000	Sft
0185	Sign, Type B, Temp, Prismatic, Oper	8120351	1,690.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	Contractor Staking	8240001	1.000	LSUM
0200	Staking Plan Errors and Extras, Max \$180/hour	8240002	9.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 221104 025**Letting Date:** November 4, 2022**Contract ID:** 25031-204921

Description: 5.77 mi of tree clearing and windscreen planting along US-23 from I-75 to Owen Road and from Thompson Road to Baldwin Road and along I-75 from Dodge Road to Dixie Highway, Genesee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204921A	22A0984	N/A	HSIP 25031
204923A	22A0985	N/A	HSIP 25031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$25,700.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.700	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	18.000	Ea
0025	Erosion Control, Silt Fence	2080036	1,220.000	Ft
0030	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0035	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0040	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0045	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0055	Mobile Attenuator	8120180	1.000	Ea
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	1,192.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	1,192.000	Sft
0070	Site Preparation, Max \$26,500.00	8150001	1.000	LSUM
0075	Watering and Cultivating, First Season, Min \$12,900.00	8150002	1.000	LSUM
0080	Watering and Cultivating, 2nd Season, Min \$15,900.00	8150003	1.000	LSUM
0085	Picea abies, 5 foot	8152741	55.000	Ea
0090	Picea glauca, 6 foot	8152759	55.000	Ea
0095	Picea omorika, 5 foot	8152787	55.000	Ea
0100	Pinus heldreichii, 4 foot	8152814	55.000	Ea
0105	Pinus nigra, 5 foot	8152842	55.000	Ea
0110	Slope Restoration, Freeway, Type F	8162018	9,680.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 221104 026

Letting Date: November 4, 2022

Contract ID: 41025-200816

Description: 3.02 mi of hot mix asphalt cold milling and resurfacing and pavement markings and bridge rehabilitation including concrete deep overlay, bearing repairs, substructure patching and zone painting and approach work on I-96 from Cascade Road east to M-11 (28th Street); includes M-11 interchange ramps and Burton Street over I-96 in the city of Kentwood, Kent County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200816A	22A0996	N/A	IM 41025
201253A	22A1008	N/A	BOI 41025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$506,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	98.000	Ft
0015	Guardrail, Rem	2040035	532.000	Ft
0020	Exploratory Investigation, Vertical	2040080	50.000	Ft
0025	Excavation, Earth	2050016	329.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	150.000	Cyd
0040	_ Embankment, CIP, Spec	2057021	490.000	Cyd
0045	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0055	Erosion Control, Maintenance, Sediment Rem	2080026	4.000	Cyd
0060	Erosion Control, Sand Bag	2080028	20.000	Ea
0065	Erosion Control, Sediment Trap	2080034	2.000	Ea
0070	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0075	Project Cleanup	2090001	1.000	LSUM
0080	Subbase, CIP	3010002	1,748.000	Cyd
0085	Aggregate Base, 6 inch	3020016	2,200.000	Syd
0090	Shld, CI II	3070121	3,153.000	Ton
0095	Shld, CI II, 4 inch	3070126	332.000	Syd
0100	Shld, CI II, 6 inch	3070128	137.000	Syd
0105	Trenching	3070200	15.000	Sta
0110	Dr Marker Post	4011109	122.000	Ea
0115	_ Storm Sewer Cleanout	4027001	188.000	Ft
0120	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea

0125	Dr Structure Cover, Type D	4030025	4.000	Ea
0130	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0135	Underdrain Outlet, 6 inch	4040093	70.000	Ft
0140	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
0145	_ Underdrain Outlet Cleanout	4047050	243.000	Ea
0150	Cold Milling HMA Surface	5010002	174,855.000	Syd
0155	Bump Grinding	5010004	240.000	Syd
0160	HMA Surface, Rem	5010005	1,461.000	Syd
0165	HMA Quality Initiative	5010007	57,736.000	Dlr
0170	Longit Joint Density Quality Initiative	5010018	111,265.000	Dlr
0175	Pavt Joint and Crack Repr, Det 7	5010020	2,500.000	Ft
0180	Pavt Joint and Crack Repr, Det 8	5010021	2,500.000	Ft
0185	Hand Patching	5010025	585.000	Ton
0190	HMA Approach	5010061	643.000	Ton
0195	HMA, 4EML	5012025	243.000	Ton
0200	HMA, 4EMH	5012026	12,618.000	Ton
0205	HMA, 5EML	5012037	5,029.000	Ton
0210	HMA, 5EMH	5012038	9,750.000	Ton
0215	_ Ride Incentive	5017060	41,250.000	Dlr
0220	Joint, Expansion, E3	6020208	82.000	Ft
0225	Conc Pavt, Bridge Approach, Reinf	6020600	152.000	Syd
0230	Cold Milling Conc Pavt	6030014	2,000.000	Syd
0235	Curb and Gutter, Bridge Approach, Det 4A	8022021	122.000	Ft
0240	Curb Slp, HMA	8050010	1,968.000	Ft
0245	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0250	Guardrail Reflector	8070080	10.000	Ea
0255	Cable Barrier, High Tension, Salv	8070201	900.000	Ft
0260	Cable Barrier, High Tension, Reconst	8070202	900.000	Ft
0265	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	75.000	Ea
0270	Cable Barrier, High Tension, Line Post Fdn	8070221	75.000	Ea
0275	Guardrail, Type B, 96 inch Post	8072172	400.000	Ft
0280	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
0285	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
0290	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0295	Sign, Type II, Rem, Salv	8102002	2.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	2.000	Ea
0305	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,250.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,250.000	Ft
0315	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	800.000	Ft
0320	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	800.000	Ft
0325	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0330	Recessing Pavt Mrkg, Longit	8110450	83,305.000	Ft
0335	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	44,718.000	Ft
0340	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	3,199.000	Ft
0345	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	35,388.000	Ft

0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0360	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0365	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0370	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0375	Conc Barrier Ending, Temp, Det 4, Furn	8120051	2.000	Ea
0380	Conc Barrier Ending, Temp, Det 4, Oper	8120052	2.000	Ea
0385	Conc Barrier, Temp, Adj	8120080	900.000	Ft
0390	Conc Barrier, Temp, Furn	8120081	900.000	Ft
0395	Conc Barrier, Temp, Oper	8120082	900.000	Ft
0400	Delineator, Flexible, Temp, Furn	8120091	20.000	Ea
0405	Delineator, Flexible, Temp, Oper	8120092	20.000	Ea
0410	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0415	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0425	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0430	Ltg for Night Work	8120160	1.000	LSUM
0435	Minor Traf Devices	8120170	1.000	LSUM
0440	Mobile Attenuator	8120180	2.000	Ea
0445	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,200.000	Ft
0450	Plastic Drum, Fluorescent, Furn	8120252	1,550.000	Ea
0455	Plastic Drum, Fluorescent, Oper	8120253	1,550.000	Ea
0460	Sign Cover	8120310	14.000	Ea
0465	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	12.000	Ea
0470	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	12.000	Ea
0475	Sign, Type A, Temp, Prismatic, Furn	8120340	15.000	Sft
0480	Sign, Type A, Temp, Prismatic, Oper	8120341	15.000	Sft
0485	Sign, Type B, Temp, Prismatic, Furn	8120350	3,970.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	3,970.000	Sft
0495	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	159.000	Sft
0500	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	159.000	Sft
0505	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	14,300.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	10,100.000	Ft
0515	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	37,000.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	37,000.000	Ft
0525	Rumble Strip, Temp, Portable, Furn	8122188	6.000	Ea
0530	Rumble Strip, Temp, Portable, Oper	8122189	6.000	Ea
0535	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
0540	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM

0545	Riprap, Plain	8130010	55.000	Syd
0550	_ HMA Spillway	8147011	16.000	Syd
0555	Slope Restoration, Non-Freeway, Type C	8162003	1,100.000	Syd
0560	Slope Restoration, Freeway, Type A	8162013	5,743.000	Syd
0565	TS Face, Bag	8200458	2.000	Ea
0570	TS Face, Bag, Rem	8200459	2.000	Ea
0575	Freeway Shld Corrugations, Milled, HMA	8222001	63,898.000	Ft
0580	Contractor Staking	8240001	1.000	LSUM
0585	Staking Plan Errors and Extras, Max \$180/hour	8240002	47.000	Hr

Section: 2

0590	Structures, Rem Portions (S16 of 41025)	2040061	1.000	LSUM
0595	HMA Patch, Rem	5010006	47.000	Syd
0600	Bridge Ltg, Furn and Rem (S16 of 41025)	7060001	1.000	LSUM
0605	Bridge Ltg, Oper and Maintain	7060002	160.000	Cyd
0610	Expansion Joint Device	7060050	129.000	Ft
0615	False Decking	7060060	9,250.000	Sft
0620	Reinforcement, Steel, Epoxy Coated	7060092	5,271.000	Lb
0625	Sealing Localized Cracks (S16 of 41025)	7060220	1.000	LSUM
0630	Conc, Grade 4500HP	7062004	30.000	Cyd
0635	Joint Waterproofing	7100001	123.000	Sft
0640	Substructure Horizontal Surface Sealer (S16 of 41025)	7100030	55.000	Syd
0645	Scarifying	7120001	934.000	Syd
0650	Hand Chipping, Other Than Deck	7120007	557.000	Cft
0655	Patch, Full Depth	7120010	2.000	Cyd
0660	Patch, Forming	7120017	2,228.000	Sft
0665	Bridge Deck Surface Construction	7120025	934.000	Syd
0670	Conc, Silica Fume Modified	7120027	160.000	Cyd
0675	Deck Joint, Rem	7120071	138.000	Ft
0680	Hydrodemolition, First Pass	7120076	934.000	Syd
0685	Hydrodemolition, 2nd Pass	7120077	94.000	Syd
0690	Patching Conc, C-L	7120112	21.000	Cyd
0695	Embedded Galvanic Anode	7120120	191.000	Ea
0700	Hand Chipping, Full Depth	7122000	54.000	Cft
0705	Beam Plate, Seal Perimeter	7130010	2,204.000	Ft
0710	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,276.000	Lb
0715	Support, Column, Temp	7130080	5.000	Ea
0720	_ Pack Rust Repr	7137001	221.000	Ft
0725	Steel Structure, Cleaning, Partial, Type 4 (S16 of 41025)	7150047	1.000	LSUM
0730	Steel Structure, Coating, Partial, Type 4 (S16 of 41025)	7150048	1.000	LSUM
0735	Field Repr of Damaged Coating (S16 of 41025)	7160001	1.000	LSUM
0740	_ Utility Protection	8007001	292.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 221104 027**Letting Date:** November 4, 2022**Contract ID:** 12021-201964

Description: 0.75 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, guardrail, concrete sidewalk, signing, pavement markings and bridge rehabilitation including epoxy overlay, railing and deck fascia replacement, abutment repair, joint replacement, concrete surface coating and approach work on US-12 from east of the Coldwater River to west of Western Avenue and US-12 over the Coldwater River in the city of Coldwater, Branch County. This project includes two 5 year materials and workmanship pavement warranties and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201964A	22A0982	N/A	NH 12021
204322A	22A0983	N/A	NH 12021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	7,456.000	Dlr
0010	Mobilization, Max \$162,800.00	1100001	1.000	LSUM
0015	Sewer, Rem, Less than 24 inch	2030015	12.000	Ft
0020	Curb and Gutter, Rem	2040020	2,643.000	Ft
0025	Fence, Rem	2040025	698.000	Ft
0030	Guardrail, Rem	2040035	756.000	Ft
0035	Pavt, Rem	2040050	1,800.000	Syd
0040	Sidewalk, Rem	2040055	429.000	Syd
0045	Exploratory Investigation, Vertical	2040080	50.000	Ft
0050	Embankment, CIP	2050010	71.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	260.000	Cyd
0060	Obliterate Old Road	2070002	0.050	Acre
0065	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0075	Erosion Control, Inlet Protection, Sediment Trap	2080024	6.000	Ea
0080	Erosion Control, Maintenance, Sediment Rem	2080026	3.000	Cyd
0085	Aggregate Base, 4 inch	3020010	1,479.000	Syd
0090	Aggregate Base, 5 inch	3020012	8.000	Syd
0095	Aggregate Base, 6 inch	3020016	1,963.000	Syd
0100	Driveway Maintenance, Commercial	3062000	15.000	Ea
0105	Driveway Maintenance, Residential	3062001	8.000	Ea
0110	Intersection Maintenance	3062002	4.000	Ea
0115	Culv, Downspout, 12 inch	4010795	35.000	Ft
0120	Dr Structure Cover, Adj, Case 1, Modified	4030004	23.000	Ea

0125	Dr Structure Cover, Type B	4030010	1.000	Ea
0130	Dr Structure Cover, Type C	4030015	1.000	Ea
0135	Dr Structure Cover, Type K	4030050	14.000	Ea
0140	Dr Structure Cover, Type Q	4030065	5.000	Ea
0145	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0150	Cold Milling HMA Surface	5010002	9,414.000	Syd
0155	HMA Surface, Rem	5010005	584.000	Syd
0160	HMA Quality Initiative	5010007	6,366.000	Dlr
0165	Longit Joint Density Quality Initiative	5010018	8,550.000	Dlr
0170	Pavt Joint and Crack Repr, Det 7	5010020	1,087.000	Ft
0175	Pavt Joint and Crack Repr, Det 8	5010021	725.000	Ft
0180	Hand Patching	5010025	539.000	Ton
0185	HMA Approach	5010061	574.000	Ton
0190	HMA, 5EML	5012037	2,070.000	Ton
0195	Conc Base Cse, Nonreinf, 8 inch	6020019	8.000	Syd
0200	Joint, Expansion, E3	6020208	97.000	Ft
0205	Conc Pavt, Bridge Approach, Reinf	6020600	257.000	Syd
0210	Cold Milling Conc Pavt	6030014	5,526.000	Syd
0215	Lane Tie, Epoxy Anchored	6030030	537.000	Ea
0220	Driveway, Nonreinf Conc, 6 inch	8010005	163.000	Syd
0225	Driveway, Nonreinf Conc, 7 inch	8010006	71.000	Syd
0230	Driveway, Nonreinf Conc, 8 inch	8010007	155.000	Syd
0235	Curb and Gutter, Conc, Det B2	8020016	73.000	Ft
0240	Curb and Gutter, Conc, Det F1	8020035	513.000	Ft
0245	Curb and Gutter, Conc, Det F3	8020037	772.000	Ft
0250	Curb and Gutter, Conc, Det F4	8020038	938.000	Ft
0255	Driveway Opening, Conc, Det M	8020050	459.000	Ft
0260	Downspout Header, Conc	8020070	1.000	Ea
0265	_ Curb and Gutter, Bridge Approach, Det 5, Modified	8027001	114.000	Ft
0270	_ Curb and Gutter, Conc, Det D1, Modified	8027001	26.000	Ft
0275	_ Curb and Gutter, Conc, Det F4, Modified	8027001	179.000	Ft
0280	Detectable Warning Surface	8030010	32.000	Ft
0285	Curb Ramp Opening, Conc	8030030	15.000	Ft
0290	Sidewalk, Conc, 4 inch	8030044	849.000	Sft
0295	Sidewalk, Conc, 6 inch	8030046	43.000	Sft
0300	Sidewalk, Conc, 8 inch	8030048	52.000	Sft
0305	Curb Ramp, Conc, 6 inch	8032002	235.000	Sft
0310	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0315	Guardrail Reflector	8070080	36.000	Ea
0320	Post, Mailbox	8070095	10.000	Ea
0325	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0330	Guardrail, Type MGS-8, 72 inch Post	8072179	510.000	Ft
0335	_ Timber Rub Rail	8077001	645.000	Ft
0340	_ Fence, Ornamental Aluminum, 48 inch	8087001	1,032.000	Ft
0345	Delineator Reflector, Green	8100133	3.000	Ea

0350	Post, Rigid, Delineator	8100361	3.000	Ea
0355	Post, Steel, 3 pound	8100371	456.000	Ft
0360	Post, Wood, 4 inch by 6 inch	8100380	15.000	Ft
0365	Sign, Type IIB	8100399	64.000	Sft
0370	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0375	Sign, Type III, Rem	8100403	4.000	Ea
0380	Sign, Type IIIA	8100404	7.000	Sft
0385	Sign, Type IIIB	8100405	51.000	Sft
0390	Sign, Type V, Rem	8100421	1.000	Ea
0395	Sign, Type VB	8100425	16.000	Sft
0400	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0405	Sign, Type III, Rem, Salv	8102003	11.000	Ea
0410	Ground Mtd Sign Support, Rem	8102010	12.000	Ea
0415	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	548.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	604.000	Ft
0425	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	91.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	47.000	Ft
0435	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	74.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0445	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,930.000	Ft
0455	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	9,809.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	7,930.000	Ft
0465	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	9,809.000	Ft
0470	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	798.000	Ft
0475	Recessing Pavt Mrkg, Longit	8110450	18,503.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0485	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0495	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	145.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	145.000	Ea
0505	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0510	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0515	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0520	Conc Barrier, Temp, Adj	8120080	385.000	Ft
0525	Conc Barrier, Temp, Furn	8120081	645.000	Ft
0530	Conc Barrier, Temp, Oper	8120082	645.000	Ft
0535	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0540	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0545	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,503.000	Ft
0555	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	622.000	Ft

0560	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,950.000	Ft
0565	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,975.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	15,520.000	Ft
0575	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	13,920.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	105.000	Ft
0585	PTS System, Temp, Furn	8120270	1.000	Ea
0590	PTS System, Temp, Oper	8120271	1.000	Ea
0595	Sign Cover	8120310	22.000	Ea
0600	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0605	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	641.000	Sft
0615	Sign, Type B, Temp, Prismatic, Oper	8120351	641.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0625	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0630	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0635	_ Driveway Assistance Device, Portable, Temp	8127050	1.000	Ea
0640	Fertilizer, Chemical Nutrient, CI A	8160020	69.000	Lb
0645	Mulch	8160025	1,883.000	Syd
0650	Mulch Anchoring	8160026	1,883.000	Syd
0655	Mulch Blanket	8160027	1,883.000	Syd
0660	Mulch Blanket, High Velocity	8160028	1,883.000	Syd
0665	Seeding, Mixture THV	8160040	86.000	Lb
0670	Topsoil Surface, Furn, 4 inch	8160062	1,883.000	Syd
0675	Topsoil Surface, Salv, 4 inch	8160077	1,883.000	Syd
0680	Water, Sodding/Seeding	8160090	66.000	Unit
0685	Monument Box	8210001	11.000	Ea
0690	Monument Preservation	8210010	11.000	Ea
0695	Gate Box, Adj, Case 1	8230431	2.000	Ea
0700	Contractor Staking	8240001	1.000	LSUM
0705	Staking Plan Errors and Extras, Max \$180/hour	8240002	19.000	Hr

Section: 2

0710	Bridge Ltg, Furn and Rem (B03 of 12021)	7060001	1.000	LSUM
0715	Bridge Ltg, Oper and Maintain	7060002	49.000	Cyd
0720	Elec Grounding System	7060040	1.000	Ea
0725	False Decking	7060060	1,970.000	Sft
0730	Reinforcement, Steel, Epoxy Coated	7060092	15,687.000	Lb
0735	Superstructure Conc, Form, Finish, and Cure (B03 of 12021)	7060111	1.000	LSUM
0740	Superstructure Conc, Form, Finish, and Cure, Night Casting (B03 of 12021)	7060112	1.000	LSUM
0745	Superstructure Conc, High Performance	7060116	4.000	Cyd
0750	Superstructure Conc, Night Casting, High	7060117	49.000	Cyd

	Performance			
0755	Sealing Localized Cracks (B03 of 12012)	7060220	1.000	LSUM
0760	Aesthetic Texturing	7062005	18.000	Syd
0765	Joint Waterproofing	7100001	196.000	Sft
0770	Conc Surface Coating, Warranty (B03 of 12021)	7100009	1.000	LSUM
0775	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
0780	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	154.000	Ft
0785	Hand Chipping, Other Than Deck	7120007	15.000	Cft
0790	Patch, Forming	7120017	45.000	Sft
0795	Epoxy Ovly	7120020	380.000	Syd
0800	Epoxy Ovly, Rem	7120021	427.000	Syd
0805	Structures, Rehabilitation, Rem Portions (B03 of 12021)	7120070	1.000	LSUM
0810	Patching Conc, C-L	7120112	1.000	Cyd
0815	Embedded Galvanic Anode	7120120	23.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 028**Letting Date:** November 4, 2022**Contract ID:** 59032-216888**Description:** 1.08 mi of hot mix asphalt shoulder widening and guardrail work on M-91 from East Dickerson Lake Road to Stanton Road, Montcalm County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216888A	22A0995	N/A	HSIP 59032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$38,700.00	1100001	1.000	LSUM
0010	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0015	Guardrail, Rem	2040035	442.000	Ft
0020	Excavation, Earth	2050016	13.000	Cyd
0025	_ Embankment, CIP, Spec	2057021	1,668.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0035	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0040	Aggregate Base, 6 inch	3020016	5,004.000	Syd
0045	Driveway Maintenance, Commercial	3062000	1.000	Ea
0050	Driveway Maintenance, Residential	3062001	15.000	Ea
0055	Approach, CI II, 6 inch	3070028	226.000	Syd
0060	Trenching	3070200	110.000	Sta
0065	_ Shld, CI II, Modified	3077031	221.000	Ton
0070	Culv, Downspout, 12 inch	4010795	10.000	Ft
0075	Dr Marker Post	4011109	7.000	Ea
0080	HMA Surface, Rem	5010005	2,511.000	Syd
0085	HMA Quality Initiative	5010007	2,462.000	Dlr
0090	HMA Approach	5010061	18.000	Ton
0095	HMA, 4EL	5012024	701.000	Ton
0100	HMA, 5EL	5012036	434.000	Ton
0105	Curb Slp, HMA	8050010	2,443.000	Ft
0110	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0115	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0120	Guardrail Reflector	8070080	8.000	Ea
0125	Post, Mailbox	8070095	14.000	Ea
0130	Guardrail, Curved, Type B-CRT	8072154	16.000	Ft
0135	Guardrail, Type MGS-8, 72 inch Post	8072179	38.000	Ft
0140	Guardrail, Type MGS-8, 108 inch Post	8072180	338.000	Ft

0145	Delineator Reflector, Green	8100133	11.000	Ea
0150	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	10.000	Ea
0155	Delineator, Rem	8100349	2.000	Ea
0160	Post, Flexible, Delineator	8100360	10.000	Ea
0165	Post, Rigid, Delineator	8100361	4.000	Ea
0170	Post, Steel, 3 pound	8100371	216.000	Ft
0175	Sign, Type III, Erect, Salv	8100402	16.000	Ea
0180	Sign, Type III, Rem, Salv	8102003	16.000	Ea
0185	Ground Mtd Sign Support, Rem	8102010	16.000	Ea
0190	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,002.000	Ft
0195	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,002.000	Ft
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	266.000	Ea
0205	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	266.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0215	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0225	Sign Cover	8120310	4.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0235	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0255	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0260	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0265	_ Automated Flagger Assistance Device	8127050	1.000	Ea
0270	Riprap, Plain	8130010	5.000	Syd
0275	Paved Ditch, HMA	8140010	1.000	Syd
0280	_ HMA Spillway	8147011	30.000	Syd
0285	Slope Restoration, Non-Freeway, Type F	8162006	3,567.000	Syd
0290	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	2,002.000	Ft
0295	Contractor Staking	8240001	1.000	LSUM
0300	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 221104 029**Letting Date:** November 4, 2022**Contract ID:** 24012-202909**Description:** 72.00 mi of non-freeway signing upgrades on various routes in the cities of Cheboygan, Grayling and Petosky, villages of Alanson, Mackinaw City and Pellston, Cheboygan, Crawford and Emmet Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202909A	22A1055	N/A	HSIP 24012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$113,900.00	1100001	1.000	LSUM
0010	Band, Sign	8100010	51.000	Ea
0015	Delineator Reflector, White	8100134	208.000	Ea
0020	Fdn, Wood Support, Rem	8100280	432.000	Ea
0025	Installing MDOT Supplied Sign, Type III	8100302	201.000	Ea
0030	Perforated Steel Square Tube Breakaway System	8100330	12.000	Ea
0035	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	8.000	Ea
0040	Post Hole Through Conc for Steel Post	8100340	17.000	Ea
0045	Post Hole Through Conc for Wood Post	8100341	5.000	Ea
0050	Delineator, Rem	8100349	100.000	Ea
0055	Post, Rigid, Delineator	8100361	104.000	Ea
0060	Post, Steel, 3 pound	8100371	37,345.000	Ft
0065	Post, Wood, 4 inch by 6 inch	8100380	2,994.000	Ft
0070	Post, Wood, 6 inch by 8 inch	8100382	2,626.000	Ft
0075	Sign, Type IA	8100392	45.000	Sft
0080	Sign, Type II, Erect, Salv	8100396	5.000	Ea
0085	Sign, Type II, Rem	8100397	305.000	Ea
0090	Sign, Type IIA	8100398	3,297.000	Sft
0095	Sign, Type IIB	8100399	182.000	Sft
0100	Sign, Type III, Erect, Salv	8100402	198.000	Ea
0105	Sign, Type III, Rem	8100403	1,618.000	Ea
0110	Sign, Type IIIA	8100404	2,665.000	Sft
0115	Sign, Type IIIB	8100405	7,810.000	Sft
0120	Sign, Type V, Rem	8100421	13.000	Ea
0125	Sign, Type VA	8100424	200.000	Sft
0130	Sign, Type VB	8100425	1,079.000	Sft
0135	Reflective Panel for Permanent Sign Support, 3 foot	8100613	153.000	Ea

0140	Reflective Panel for Permanent Sign Support, 6 foot	8100616	943.000	Ea
0145	Sign, Type II, Rem, Salv	8102002	5.000	Ea
0150	Sign, Type III, Rem, Salv	8102003	198.000	Ea
0155	Ground Mtd Sign Support, Rem	8102010	1,856.000	Ea
0160	_ Post Hole Through Rock for Steel Post	8107050	40.000	Ea
0165	_ Post Hole Through Rock for Wood Post	8107050	40.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Mobile Attenuator	8120180	1.000	Ea
0200	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0205	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0210	Sign Cover	8120310	20.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	1,890.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	1,890.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	Contractor Staking	8240001	1.000	LSUM
0235	Staking Plan Errors and Extras, Max \$180/hour	8240002	13.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 221104 030**Letting Date:** November 4, 2022**Contract ID:** 70041-211212

Description: 6.23 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk ramps and pavement markings on M-45 from west of 68th Avenue to Sand Creek, Ottawa County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211212A	22A1042	N/A	NH 70041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$385,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	176.000	Ft
0015	Sidewalk, Rem	2040055	526.000	Syd
0020	Embankment, CIP	2050010	10.000	Cyd
0025	Excavation, Earth	2050016	10.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0035	Aggregate Base	3020001	5.000	Ton
0040	Shld, CI II	3070121	25.000	Ton
0045	Dr Structure Cover, Adj, Case 1, Modified	4030004	73.000	Ea
0050	Dr Structure, Temp Lowering	4030390	73.000	Ea
0055	Cold Milling HMA Surface	5010002	292,547.000	Syd
0060	Bump Grinding	5010004	350.000	Syd
0065	HMA Surface, Rem	5010005	44.000	Syd
0070	HMA Quality Initiative	5010007	49,776.000	Dlr
0075	Longit Joint Density Quality Initiative	5010018	146,498.000	Dlr
0080	Hand Patching	5010025	20.000	Ton
0085	HMA Approach	5010061	5,273.000	Ton
0090	HMA, 5EMH	5012038	19,595.000	Ton
0095	Curb and Gutter, Conc, Det B2	8020016	14.000	Ft
0100	Detectable Warning Surface	8030010	302.000	Ft
0105	Curb Ramp Opening, Conc	8030030	162.000	Ft
0110	Sidewalk, Conc, 6 inch	8030046	250.000	Sft
0115	Curb Ramp, Conc, 6 inch	8032002	4,592.000	Sft
0120	_ Brick Pavers, Rem	8037010	52.000	Sft
0125	_ Decorative Conc, Surface, 4 inch	8037010	72.000	Sft
0130	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	52.000	Sft
0135	Curb Slp, HMA	8050010	4,543.000	Ft

0140	Guardrail, Reconst, Type B	8070105	3,363.000	Ft
0145	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	654.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,420.000	Ft
0155	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	577.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0165	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	22.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	7.000	Ea
0175	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	85,456.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	34,543.000	Ft
0185	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	3,887.000	Ft
0190	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0195	Pavt Mrkg, Sprayable Thermopl, 6 inch, Dotted Thru Guide Line, White	8110570	30.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0210	Pedestrian Type II Barricade, Temp	8120026	37.000	Ea
0215	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0225	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0235	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg Cover, Type R, Black	8120200	200.000	Ft
0245	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,000.000	Ft
0250	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0260	Sign Cover	8120310	25.000	Ea
0265	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
0285	Traf Regulator Control	8120370	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	10,000.000	Ft
0295	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,000.000	Ft
0300	Slope Restoration, Non-Freeway, Type A	8162001	9.000	Syd
0305	Slope Restoration, Non-Freeway, Type B	8162002	292.000	Syd
0310	Traf Loop	8200170	9.000	Ea
0315	TS Face, Bag	8200458	30.000	Ea
0320	TS Face, Bag, Rem	8200459	30.000	Ea
0325	Gate Box, Adj, Temp, Case 1	8230391	25.000	Ea
0330	Gate Box, Reconst, Case 1	8230411	25.000	Ea
0335	Gate Box, Adj, Case 1	8230431	4.000	Ea

0340	Contractor Staking	8240001	1.000	LSUM
0345	Staking Plan Errors and Extras, Max \$180/hour	8240002	43.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 221104 031**Letting Date:** November 4, 2022**Contract ID:** 50111-216914**Description:** Freeway signing upgrades, overhead sign structures and guardrail on various routes in the cities of Auburn Hills, Pontiac and Roseville, Oakland and Macomb Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216914A	22A1054	N/A	NHG 50111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$87,500.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	8.000	Syd
0015	Exploratory Investigation, Vertical	2040080	100.000	Ft
0020	Sidewalk, Conc, 4 inch	8030044	68.000	Sft
0025	Guardrail, Reconst, Type T	8070109	100.000	Ft
0030	Cantilever, Rem	8100090	1.000	Ea
0035	Cantilever, Type E	8100104	1.000	Ea
0040	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	26.000	Ft
0045	Fdn, Cantilever, Rem	8100190	1.000	Ea
0050	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	144.000	Ft
0055	Fdn, Truss, Rem	8100260	4.000	Ea
0060	Sign, Type I, Rem	8100391	5.000	Ea
0065	Sign, Type IA	8100392	686.000	Sft
0070	Sign, Type IB	8100393	90.000	Sft
0075	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0080	Truss, Rem	8100440	2.000	Ea
0085	Truss, Type E, 90 foot	8100492	1.000	Ea
0090	Truss, Type E, 95 foot	8100493	1.000	Ea
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0105	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0110	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0115	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0130	Ltg for Night Work	8120160	1.000	LSUM

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Mobile Attenuator	8120180	3.000	Ea
0145	Plastic Drum, Fluorescent, Furn	8120252	145.000	Ea
0150	Plastic Drum, Fluorescent, Oper	8120253	145.000	Ea
0155	Sign Cover	8120310	15.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	757.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	757.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Slope Restoration, Freeway, Type A	8162013	880.000	Syd
0180	Contractor Staking	8240001	1.000	LSUM
0185	Staking Plan Errors and Extras, Max \$180/hour	8240002	11.000	Hr



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 032**Letting Date:** November 4, 2022**Contract ID:** 70063-216893**Description:** 1.20 mi of freeway signing upgrades, overhead sign structure and guardrail on I-96 at the Nunica exit ramp in the city of Nunica, Ottawa County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216893A	22A1079	N/A	IMG 70063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$8,300.00	1100001	1.000	LSUM
0010	Guardrail, Reconst, Type T	8070109	25.000	Ft
0015	Cantilever, Type E	8100104	1.000	Ea
0020	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	20.000	Ft
0025	Fdn, Cantilever, Rem	8100190	1.000	Ea
0030	Installing MDOT Supplied Sign, Type I	8100300	1.000	Ea
0035	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	1.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	1.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0055	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0060	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0065	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	177.000	Sft
0075	Sign, Type B, Temp, Prismatic, Oper	8120351	177.000	Sft
0080	Slope Restoration, Freeway, Type A	8162013	23.000	Syd
0085	Contractor Staking	8240001	1.000	LSUM
0090	Staking Plan Errors and Extras, Max \$180/hour	8240002	1.000	Hr



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 033**Letting Date:** November 4, 2022**Contract ID:** 37022-201005

Description: 1.61 mi of hot mix asphalt road reconstruction, storm sewer, concrete sidewalk, geometric improvements and pavement markings, pump station rehabilitation and bridge rehabilitation including bearing replacement on M-20 from US-127BR to US-127 and M-20 at US-127 in the city of Mt. Pleasant, Isabella County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201005A	22A1006	N/A	NH 37022
208425A	22A1017	N/A	ST 37022
212667A	22A1033	N/A	NH 37013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$1,477,400.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.020	Acre
0015	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0020	Dr Structure, Abandon	2030010	17.000	Ea
0025	Dr Structure, Rem	2030011	96.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	3,878.000	Ft
0035	Sewer, Rem, 24 inch to 48 inch	2030016	5,795.000	Ft
0040	Sewer, Rem, Over 48 inch	2030017	229.000	Ft
0045	_ Out of Serv Pipe, Rem, 2 inch	2037001	465.000	Ft
0050	_ Out of Serv Pipe, Rem, 4 inch	2037001	155.000	Ft
0055	_ Out of Serv Pipe, Rem, 6 inch	2037001	781.000	Ft
0060	Curb and Gutter, Rem	2040020	3,411.000	Ft
0065	Curb, Rem	2040021	7,480.000	Ft
0070	Fence, Rem	2040025	33.000	Ft
0075	Guardrail, Rem	2040035	53.000	Ft
0080	Pavt, Rem	2040050	57,836.000	Syd
0085	Sidewalk, Rem	2040055	4,853.000	Syd
0090	Exploratory Investigation, Vertical	2040080	150.000	Ft
0095	_ Miscellaneous Metals, Rem (D01 of 37022)	2047051	1.000	LSUM
0100	_ Pump Station Elec, Rem (D01 of 37022)	2047051	1.000	LSUM
0105	Embankment, CIP	2050010	6,145.000	Cyd
0110	Excavation, Earth	2050016	31,182.000	Cyd
0115	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd

0120	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0125	Flowable Fill, Non-Structural	2050148	969.000	Cyd
0130	Aggregate	2060005	50.000	Cyd
0135	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	223.000	Ea
0145	Erosion Control, Inlet Protection, Sediment Trap	2080024	107.000	Ea
0150	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0155	Erosion Control, Silt Fence	2080036	1,100.000	Ft
0160	Project Cleanup	2090001	1.000	LSUM
0165	Subbase, CIP	3010002	41,340.000	Cyd
0170	Aggregate Base, 6 inch	3020016	85,874.000	Syd
0175	Driveway Maintenance, Commercial	3062000	73.000	Ea
0180	Driveway Maintenance, Residential	3062001	7.000	Ea
0185	Intersection Maintenance	3062002	19.000	Ea
0190	Geotextile, Separator	3080005	200.000	Syd
0195	Sewer, CI A, 12 inch, Tr Det B	4020033	6,861.000	Ft
0200	Sewer, CI A, 18 inch, Tr Det B	4020035	397.000	Ft
0205	Sewer, CI A, 24 inch, Tr Det B	4020036	2,618.000	Ft
0210	Sewer, CI A, 30 inch, Tr Det B	4020037	1,632.000	Ft
0215	Sewer, CI A, 36 inch, Tr Det B	4020038	1,609.000	Ft
0220	Sewer, CI A, 48 inch, Tr Det B	4020040	160.000	Ft
0225	Sewer, CI A, 72 inch, Tr Det B	4020044	221.000	Ft
0230	Sewer, CI B, 12 inch, Tr Det B	4020183	54.000	Ft
0235	Sewer, CI E, 12 inch, Tr Det B	4020600	464.000	Ft
0240	Sewer Tap, 4 inch	4021200	4.000	Ea
0245	Sewer Tap, 8 inch	4021202	1.000	Ea
0250	Sewer Tap, 12 inch	4021204	22.000	Ea
0255	Sewer Tap, 36 inch	4021209	1.000	Ea
0260	Sewer Tap, 48 inch	4021211	3.000	Ea
0265	Sewer Tap, 54 inch	4021212	2.000	Ea
0270	Trench Undercut and Backfill	4021260	100.000	Cyd
0275	Dewatering System, Trench	4021265	5,000.000	Ft
0280	Video Taping Sewer and Culv Pipe	4021275	13,982.000	Ft
0285	Sewer, Reinf Conc Ellip, HE CI A, 24 inch by 38 inch, Tr Det A	4021283	131.000	Ft
0290	Dr Structure Cover, Adj, Case 2	4030006	34.000	Ea
0295	Dr Structure Cover, Type B	4030010	90.000	Ea
0300	Dr Structure Cover, Type D	4030025	79.000	Ea
0305	Dr Structure Cover, Type G	4030040	1.000	Ea
0310	Dr Structure Cover, Type K	4030050	189.000	Ea
0315	Dr Structure Cover, Type Q	4030065	18.000	Ea
0320	Dr Structure, 24 inch dia	4030200	135.000	Ea
0325	Dr Structure, 48 inch dia	4030210	87.000	Ea
0330	Dr Structure, 60 inch dia	4030220	47.000	Ea
0335	Dr Structure, 72 inch dia	4030230	15.000	Ea

0340	Dr Structure, 84 inch dia	4030231	4.000	Ea
0345	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	14.000	Ft
0350	Dr Structure, Add Depth of 84 inch dia, more than 15 foot	4030233	3.000	Ft
0355	Dr Structure, 96 inch dia	4030234	2.000	Ea
0360	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	14.000	Ft
0365	Dr Structure, Add Depth of 96 inch dia, more than 15 foot	4030236	3.000	Ft
0370	Dr Structure, 108 inch dia	4030237	2.000	Ea
0375	Dr Structure, Add Depth of 108 inch dia, 8 foot to 15 foot	4030238	14.000	Ft
0380	Dr Structure, Add Depth of 108 inch dia, more than 15 foot	4030239	4.000	Ft
0385	Dr Structure, 120 inch dia	4030242	1.000	Ea
0390	Dr Structure, Add Depth of 120 inch dia, 8 foot to 15 foot	4030243	7.000	Ft
0395	Dr Structure, Add Depth of 120 inch dia, more than 15 foot	4030244	1.000	Ft
0400	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	2.000	Ft
0405	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	108.000	Ft
0410	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	3.000	Ft
0415	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	47.000	Ft
0420	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	2.000	Ft
0425	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0430	Dr Structure, Tap, 12 inch	4030312	6.000	Ea
0435	_ Dr Structure, Add Depth of 144 inch dia, 8 foot to 15 foot	4037001	14.000	Ft
0440	_ Dr Structure, Add Depth of 144 inch dia, more than 15 foot	4037001	1.000	Ft
0445	_ Dr Structure, 144 inch dia	4037050	2.000	Ea
0450	_ Structure Cover Weigh Down, Temp	4037050	64.000	Ea
0455	Underdrain, Subbase, 6 inch	4040063	22,460.000	Ft
0460	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0465	Underdrain, Subgrade, 8 inch	4040075	1,000.000	Ft
0470	Underdrain Outlet, 6 inch	4040093	552.000	Ft
0475	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0480	Video Inspection of Underdrain	4040200	23,962.000	Ft
0485	_ Submersible Pump (D01 of 37022)	4057050	3.000	Ea
0490	_ Bypass Pumping (D01 of 37022)	4057051	1.000	LSUM
0495	_ Corrosion Resistant Coating, Wet Well (D01 of 37022)	4057051	1.000	LSUM
0500	_ Precast Conc Building	4057051	1.000	LSUM
0505	_ Pump Station Equipment, Mechanical (D01 of 37022)	4057051	1.000	LSUM
0510	_ Pump Station Metal Work, Misc (D01 of 37022)	4057051	1.000	LSUM

0515	_ Pump Station Spec Coatings (D01 of 37022)	4057051	1.000	LSUM
0520	Pavt, Cleaning	5010001	1.000	LSUM
0525	Bump Grinding	5010004	275.000	Syd
0530	HMA Surface, Rem	5010005	20,827.000	Syd
0535	HMA Quality Initiative	5010007	43,814.000	Dlr
0540	Longit Joint Density Quality Initiative	5010018	60,616.000	Dlr
0545	Hand Patching	5010025	21.000	Ton
0550	HMA Approach	5010061	2,267.000	Ton
0555	HMA Approach, High Stress	5010520	1,039.000	Ton
0560	HMA, 3EML	5012013	7,962.000	Ton
0565	HMA, 4EML, High Stress	5012073	10,618.000	Ton
0570	HMA, Temp Pavt (4EL)	5012102	1,431.000	Ton
0575	HMA, Temp Pavt (5EL)	5012104	1,431.000	Ton
0580	_ Conc Pavt, Decorative, Nonreinf, 6 inch	6027011	325.000	Syd
0585	_ Rub Rail	7097001	343.000	Ft
0590	Conc Surface Coating	7100011	10.000	Syd
0595	_ Repair Discharge Pipe	8007010	197.000	Sft
0600	_ Bollard	8007050	10.000	Ea
0605	_ Inspect Discharge Pipe	8007050	3.000	Ea
0610	Driveway, Nonreinf Conc, 6 inch	8010005	2,574.000	Syd
0615	Curb, Conc, Det E2	8020002	34.000	Ft
0620	Curb and Gutter, Conc, Det F2	8020036	32.000	Ft
0625	Curb and Gutter, Conc, Det F4	8020038	140.000	Ft
0630	Curb and Gutter, Conc, Det F5	8020039	1,138.000	Ft
0635	Curb and Gutter, Conc, Det F6	8020040	11,724.000	Ft
0640	Driveway Opening, Conc, Det M	8020050	5,187.000	Ft
0645	Detectable Warning Surface	8030010	326.000	Ft
0650	Curb Ramp Opening, Conc	8030030	386.000	Ft
0655	Sidewalk, Conc, 4 inch	8030044	32,195.000	Sft
0660	Sidewalk, Conc, 6 inch	8030046	16,751.000	Sft
0665	Sidewalk, Clay Brick Pavers, Rem	8030051	2,912.000	Sft
0670	Curb Ramp, Conc, 6 inch	8032002	5,671.000	Sft
0675	_ Decorative Conc, Surface, 4 inch	8037010	827.000	Sft
0680	Curb Vertical, HMA	8050020	7,480.000	Ft
0685	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0690	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0695	Guardrail, Salv	8070075	350.000	Ft
0700	Guardrail Reflector	8070080	13.000	Ea
0705	Post, Mailbox	8070095	12.000	Ea
0710	Guardrail, Reconst, Type B	8070105	350.000	Ft
0715	Guardrail, Curved, Type B-CRT	8072154	13.000	Ft
0720	Guardrail, Type MGS-8, 72 inch Post	8072179	144.000	Ft
0725	Fence, Woven Wire with Steel Post	8080002	405.000	Ft
0730	Fence, Protective	8080007	3,788.000	Ft
0735	_ Decorative Fence Gate, 27 Foot	8087050	1.000	Ea

0740	Fdn, Wood Support, Rem	8100280	12.000	Ea
0745	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0750	Post, Steel, 3 pound	8100371	1,228.000	Ft
0755	Post, Wood, 4 inch by 6 inch	8100380	264.000	Ft
0760	Post, Wood, 6 inch by 8 inch	8100382	124.000	Ft
0765	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0770	Sign, Type II, Rem	8100397	18.000	Ea
0775	Sign, Type IIA	8100398	174.000	Sft
0780	Sign, Type III, Erect, Salv	8100402	40.000	Ea
0785	Sign, Type III, Rem	8100403	42.000	Ea
0790	Sign, Type IIIA	8100404	124.000	Sft
0795	Sign, Type IIIB	8100405	216.000	Sft
0800	Sign, Type VA	8100424	12.000	Sft
0805	Sign, Type II, Rem, Salv	8102002	3.000	Ea
0810	Sign, Type III, Rem, Salv	8102003	40.000	Ea
0815	Ground Mtd Sign Support, Rem	8102010	76.000	Ea
0820	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,635.000	Ft
0825	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	435.000	Ft
0830	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	631.000	Ft
0835	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0840	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0845	Rem Spec Mrkg	8110343	485.000	Sft
0850	Recessing Pavt Mrkg, Longit	8110450	21,379.000	Ft
0855	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	8,608.000	Ft
0860	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	90.000	Ft
0865	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	37,205.000	Ft
0870	Pavt Mrkg, Ovly Cold Plastic, Bike Lt Turn Arrow Sym	8112161	9.000	Ea
0875	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0885	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0890	Pedestrian Type II Channelizer, Temp	8120027	194.000	Ft
0895	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	456.000	Ea
0900	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	456.000	Ea
0905	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0910	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0915	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0920	Conc Barrier Reflector Replacement	8120070	5.000	Ea
0925	Conc Barrier, Temp, Adj	8120080	251.000	Ft
0930	Conc Barrier, Temp, Furn	8120081	251.000	Ft
0935	Conc Barrier, Temp, Oper	8120082	251.000	Ft
0940	Tubular Marker	8120097	33.000	Ea
0945	Tubular Marker, Replacement	8120098	5.000	Ea
0950	Lighted Arrow, Type C, Furn	8120140	3.000	Ea

0955	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0960	Ltg for Night Work	8120160	1.000	LSUM
0965	Minor Traf Devices	8120170	1.000	LSUM
0970	Mobile Attenuator	8120180	2.000	Ea
0975	Part Width Intersection Construction	8120190	2.000	Ea
0980	Pavt Mrkg Cover, Type R, Black	8120200	11,130.000	Ft
0985	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	25,587.000	Ft
0990	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	222.000	Ft
0995	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	111.000	Ft
1000	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	1,056.000	Ft
1005	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	36.000	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	704.000	Ft
1020	Sign Cover	8120310	30.000	Ea
1025	Sign, Type A, Temp, Prismatic, Furn	8120340	36.000	Sft
1030	Sign, Type A, Temp, Prismatic, Oper	8120341	36.000	Sft
1035	Sign, Type B, Temp, Prismatic, Furn	8120350	2,363.000	Sft
1040	Sign, Type B, Temp, Prismatic, Oper	8120351	2,363.000	Sft
1045	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	147.000	Sft
1050	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	147.000	Sft
1055	Traf Regulator Control	8120370	1.000	LSUM
1060	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	48,360.000	Ft
1065	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	46,770.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	7,750.000	Ft
1075	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	16,860.000	Ft
1080	Pedestrian Path, Temp	8122250	1,607.000	Ft
1085	Pedestrian Ramp, Temp	8122251	2.000	Ea
1090	Site Preparation, Max \$3,900.00	8150001	1.000	LSUM
1095	Watering and Cultivating, First Season, Min \$1,900.00	8150002	1.000	LSUM
1100	Watering and Cultivating, 2nd Season, Min \$2,300.00	8150003	1.000	LSUM
1105	Tilia cordata 'Greenspire', 2 inch	8153862	2.000	Ea
1110	_ Steel Landscape Edging, 4 inch	8157001	383.000	Ft
1115	_ Landscape Fabric	8157011	217.000	Syd
1120	_ Decorative Stone, Meramec (Chestnut Brown)	8157021	5.000	Cyd
1125	_ Acer rubrum 'Frank Jr', 2 inch	8157050	3.000	Ea
1130	_ Bench, Rem, Salv, Reinstall	8157050	4.000	Ea
1135	_ Bike Hitch, Rem, Salv, Reinstall	8157050	1.000	Ea
1140	_ Hemerocallis 'Happy Returns', #2 Cont.	8157050	284.000	Ea
1145	_ Portable Planter, Rem, Salv, Reinstall	8157050	9.000	Ea
1150	_ Quercus robur x alba 'Crimschmidt', 2 inch	8157050	4.000	Ea

1155	_ Syringa reticulata 'Ivory Silk', 2 inch	8157050	1.000	Ea
1160	_ Trash Receptacle, Rem, Salv, Reinstall	8157050	3.000	Ea
1165	Compost Surface, Furn, 4 inch	8160004	298.000	Syd
1170	Mulch	8160025	298.000	Syd
1175	Slope Restoration, Non-Freeway, Type B	8162002	3,134.000	Syd
1180	Slope Restoration, Non-Freeway, Type D	8162004	400.000	Syd
1185	_ Turf Establishment, Performance	8167011	18,224.000	Syd
1190	Conduit, Rem	8182000	5,809.000	Ft
1195	Conduit, Directional Bore, 1, 3 inch	8182035	310.000	Ft
1200	Conduit, DB, 1, 1/2 inch	8182046	150.000	Ft
1205	Conduit, DB, 1, 1 1/4 inch	8182047	5,081.000	Ft
1210	Conduit, DB, 1, 1 1/2 inch	8182048	405.000	Ft
1215	Conduit, DB, 3, 3 inch	8182056	160.000	Ft
1220	Conduit, DB, 4, 3 inch	8182059	30.000	Ft
1225	Conduit, Schedule 40, 4 inch	8182137	6,054.000	Ft
1230	Conduit, Schedule 80, 3 inch	8182148	415.000	Ft
1235	DB Cable, in Conduit, 600V, 1/C#2	8182182	200.000	Ft
1240	DB Cable, in Conduit, 600V, 1/C#6	8182187	18,413.000	Ft
1245	DB Cable, in Conduit, 600V, 1/C#10	8182189	744.000	Ft
1250	Cable, Rem	8182196	275.000	Ft
1255	DB Cable, in Conduit, Rem	8182197	5,636.000	Ft
1260	Cable, Sec, 600V, 1, 3/C#6	8182238	1,098.000	Ft
1265	Cable, Equipment Grounding Wire, 1/C#2	8182288	25.000	Ft
1270	Cable, Equipment Grounding Wire, 1/C#6	8182291	6,401.000	Ft
1275	Cable, Equipment Grounding Wire, 1/C#10	8182293	248.000	Ft
1280	Hh, Heavy Duty Cover	8182308	4.000	Ea
1285	Hh, Polymer Conc	8182309	6.000	Ea
1290	Hh, Round	8182310	11.000	Ea
1295	Hh, Round, 3 foot dia	8182319	3.000	Ea
1300	Hh, Adj	8182328	4.000	Ea
1305	Hh, Rem	8182330	45.000	Ea
1310	Wood Pole, Cl 4, 30 foot	8182349	2.000	Ea
1315	Wood Pole, Rem	8182363	9.000	Ea
1320	Serv Disconnect	8182366	4.000	Ea
1325	Serv Disconnect, Rem	8182367	3.000	Ea
1330	_ Conduit, DB, 1, 1 inch	8187001	30.000	Ft
1335	_ Hh, Polymer Conc, Spec	8187050	34.000	Ea
1340	_ Manual Transfer Switch (D01 of 37022)	8187050	1.000	Ea
1345	_ Pump Station Equipment, Elec (D01 of 37022)	8187051	1.000	LSUM
1350	_ Light Std Arm, 6 foot, Install Salv, Union Township	8197050	46.000	Ea
1355	_ Light Std Arm, 6 foot, Rem and Salv, Union Township	8197050	47.000	Ea
1360	_ Light Std Arm, 6 foot, Union Township	8197050	3.000	Ea
1365	_ Light Std Fdn, Rem, Union Township	8197050	27.000	Ea
1370	_ Light Std Fdn, Union Township	8197050	29.000	Ea
1375	_ Light Std Shaft, 30 foot or less, Rem and Salv, Union	8197050	47.000	Ea

	Township			
1380	_ Light Std Shaft, 30 foot or less, Union Township	8197050	3.000	Ea
1385	_ Light Std Shaft, Install Salv, Union Township	8197050	46.000	Ea
1390	_ Lighting Control Panel, Install	8197050	1.000	Ea
1395	_ Luminaire, Install Salv, Union Township	8197050	36.000	Ea
1400	_ Luminaire, Rem and Salv, Union Township	8197050	47.000	Ea
1405	_ Luminaire, Union Township	8197050	3.000	Ea
1410	_ Tower Light Assembly, Rehabilitation	8197050	2.000	Ea
1415	_ Utility, Elec	8197060	5,000.000	Dlr
1420	Case Sign Panel	8200003	1.000	Ea
1425	Case Sign Panel, Rem	8200004	2.000	Ea
1430	Case Sign Panel, Salv	8200005	1.000	Ea
1435	Case Sign, Rem	8200020	1.000	Ea
1440	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	8.000	Ea
1445	Controller and Cabinet, Rem	8200030	3.000	Ea
1450	Controller Fdn, Base Mtd	8200045	3.000	Ea
1455	Controller Fdn, Rem	8200046	3.000	Ea
1460	Global Positioning System Module, Rem	8200053	2.000	Ea
1465	Fdn, Rem	8200065	3.000	Ea
1470	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	2.000	Ea
1475	Pedestal, Alum	8200100	26.000	Ea
1480	Pedestal, Alum, Salv	8200101	2.000	Ea
1485	Pedestal, Fdn	8200105	28.000	Ea
1490	Pedestal Fdn, Rem	8200106	10.000	Ea
1495	Pedestal, Rem	8200110	10.000	Ea
1500	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
1505	Pushbutton and Sign	8200121	27.000	Ea
1510	Pushbutton, Rem	8200122	13.000	Ea
1515	Pushbutton and Sign, Salv	8200126	2.000	Ea
1520	Span Wire	8200140	14.000	Ea
1525	Span Wire, Rem	8200141	8.000	Ea
1530	Steel Pole, Rem	8200145	3.000	Ea
1535	TS, 4th Level Arrow, Rem	8200176	3.000	Ea
1540	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
1545	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
1550	TS, Pedestrian, Pedestal Mtd, Rem	8200181	7.000	Ea
1555	TS, Span Wire Mtd, Rem	8200182	26.000	Ea
1560	Cabinet, Rem	8200184	2.000	Ea
1565	Cabinet, NEMA Type	8200186	3.000	Ea
1570	TS, One Way Span Wire Mtd, Salv	8200191	7.000	Ea
1575	TS, 4th Level, LTGA	8200215	4.000	Ea
1580	TS, 4th Level, LTGA, Salv	8200216	2.000	Ea
1585	TS, Pedestrian, One Way Pedestal Mtd, Salv	8200236	2.000	Ea
1590	TS, One Way Span Wire Mtd (LED)	8200313	28.000	Ea
1595	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea

1600	TS, One Way Span Wire Mtd, LTGA (LED)	8200316	2.000	Ea
1605	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
1610	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1615	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	7.000	Ea
1620	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	9.000	Ea
1625	Bracket, Truss, With 6 Foot Arm	8200374	2.000	Ea
1630	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1635	Wireless Vehicle Detection System, Rem	8200423	3.000	Ea
1640	Wireless Vehicle Sensor Node, Rem	8200426	27.000	Ea
1645	Case Sign, Non-Illuminated, Rem	8200432	6.000	Ea
1650	TS Head, Adj	8200452	114.000	Ea
1655	TS Head, Temp	8200453	13.000	Ea
1660	TS Face, Bag	8200458	75.000	Ea
1665	TS Face, Bag, Rem	8200459	78.000	Ea
1670	Strain Pole, Steel, 6 bolt, 30 foot	8200460	12.000	Ea
1675	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
1680	Strain Pole Fdn, 6 Bolt	8200470	202.000	Ft
1685	Casing	8200480	158.000	Ft
1690	Cellular Modem, TS, 4th G	8200498	4.000	Ea
1695	Backplate, TS	8200501	35.000	Ea
1700	Backplate, TS, Rem	8200502	10.000	Ea
1705	Backplate, TS, Salv	8200503	8.000	Ea
1710	Radar Vehicle Presence Stop-Bar Detector System	8200510	4.000	Ea
1715	Radar Vehicle Presence Stop-Bar Detector System, Rem	8200511	1.000	Ea
1720	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	9.000	Ea
1725	Radar Vehicle Presence Stop-Bar Detector Sensor, Rem	8200514	6.000	Ea
1730	Radar Vehicle Presence Stop-Bar Detector Sensor, Salv	8200515	2.000	Ea
1735	_ Bracket Arm, Clamp On, Install Salv	8207050	3.000	Ea
1740	_ Bracket Arm, Clamp On, Rem and Salv	8207050	3.000	Ea
1745	_ Controller, NEMA, ATC Type	8207050	3.000	Ea
1750	Monument Box	8210001	7.000	Ea
1755	Monument Preservation	8210010	9.000	Ea
1760	Protect Corners	8210020	4.000	Ea
1765	Fire Hydrant	8230040	4.000	Ea
1770	Gate Valve and Box, 6 inch	8230051	4.000	Ea
1775	Gate Valve and Box, 8 inch	8230052	1.000	Ea
1780	Hydrant, Rem	8230091	5.000	Ea
1785	Hydrant, Relocate, Case 1	8230095	3.000	Ea
1790	Water Main, 6 inch, Cut and Plug	8230131	4.000	Ea
1795	Water Main, 12 inch, Cut and Plug	8230134	4.000	Ea
1800	Water Main, DI, 6 inch, Tr Det F	8230150	19.000	Ft

1805	Water Main, DI, 6 inch, Tr Det G	8230151	11.000	Ft
1810	Water Main, DI, 8 inch, Tr Det G	8230156	125.000	Ft
1815	Water Main, DI, 12 inch, Tr Det G	8230166	103.000	Ft
1820	Water Serv, Long	8230245	1.000	Ea
1825	Water Serv, Conflict	8230250	15.000	Ea
1830	Water Shutoff, Adj, Case 1	8230421	35.000	Ea
1835	Water Shutoff, Adj, Case 2	8230422	23.000	Ea
1840	Gate Box, Adj, Case 1	8230431	18.000	Ea
1845	Gate Box, Adj, Case 2	8230432	3.000	Ea
1850	Water Main Conflict, 6 inch	8232023	2.000	Ea
1855	Water Main Conflict, 8 inch	8232024	2.000	Ea
1860	Water Main Conflict, 12 inch	8232026	2.000	Ea
1865	Live Tap, 12 inch by 12 inch	8232061	2.000	Ea
1870	_ Monitoring Well, Adj	8237050	1.000	Ea
1875	_ Water Service, Abandon	8237050	12.000	Ea
1880	Sanitary Structure Cover, Type Q	8252098	4.000	Ea
1885	Sanitary Structure, Adj, Add Depth	8252140	9.000	Ft
1890	Sanitary Structure Cover, Adj, Case 1	8252145	22.000	Ea
1895	Sanitary Structure Cover, Adj, Case 2	8252146	5.000	Ea
1900	_ Sanitary Serv, Conflict	8257050	5.000	Ea
1905	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1910	Lightning Protection, Pole	8260021	3.000	Ea
1915	Managed Field Ethernet Switch, Layer 2	8260080	1.000	Ea
1920	_ Temp Power System (D01 of 37022)	8507041	5.000	Cday

Section: 2

1925	Hand Chipping, Other Than Deck	7120007	2.000	Cft
1930	Bolt, Adhesive Anchored, 1 inch	7120044	152.000	Ea
1935	Structures, Rehabilitation, Rem Portions (S08-1 of 37013)	7120070	1.000	LSUM
1940	Structures, Rehabilitation, Rem Portions (S08-2 of 37013)	7120070	1.000	LSUM
1945	Masonry Plate, Grout	7120090	1.000	Ea
1950	Beam Plate, Seal Perimeter	7130010	545.000	Ft
1955	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	17,674.000	Lb
1960	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	2,120.000	Lb
1965	Support, Column, Temp	7130080	76.000	Ea
1970	Steel Structure, Cleaning, Partial, Type 4 (S08-1 of 37013)	7150047	1.000	LSUM
1975	Steel Structure, Cleaning, Partial, Type 4 (S08-2 of 37013)	7150047	1.000	LSUM
1980	Steel Structure, Coating, Partial, Type 4 (S08-1 of 37013)	7150048	1.000	LSUM
1985	Steel Structure, Coating, Partial, Type 4 (S08-2 of 37013)	7150048	1.000	LSUM
1990	Field Repr of Damaged Coating (S08-1 of 37013)	7160001	1.000	LSUM
1995	Field Repr of Damaged Coating (S08-2 of 37013)	7160001	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 221104 034**Letting Date:** November 4, 2022**Contract ID:** 29015-211418

Description: 0.42 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramp upgrades and pavement markings on US-127BR from south of Emerson Street northerly to Barber Street in the city of Ithaca, Gratiot County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211418A	22A1045	N/A	NH 29015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$25,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	257.000	Ft
0015	Pavt, Rem	2040050	28.000	Syd
0020	Sidewalk, Rem	2040055	228.000	Syd
0025	Excavation, Earth	2050016	15.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0040	Aggregate Base, 3 inch	3020008	257.000	Syd
0045	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0050	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0055	Cold Milling HMA Surface	5010002	11,810.000	Syd
0060	HMA Surface, Rem	5010005	28.000	Syd
0065	HMA Quality Initiative	5010007	2,060.000	Dlr
0070	Longit Joint Density Quality Initiative	5010018	8,800.000	Dlr
0075	Hand Patching	5010025	5.000	Ton
0080	HMA Approach	5010061	100.000	Ton
0085	HMA, 5EL	5012036	925.000	Ton
0090	Conc Base Cse, Nonreinf, 6 inch	6020015	28.000	Syd
0095	Detectable Warning Surface	8030010	143.000	Ft
0100	Curb Ramp Opening, Conc	8030030	257.000	Ft
0105	Curb Ramp, Conc, 6 inch	8032002	2,052.000	Sft
0110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	110.000	Ft
0115	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	8.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0125	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,400.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	5,500.000	Ft

0135	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0140	Recessing Pavt Mrkg, Longit	8110450	9,900.000	Ft
0145	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0155	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0165	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0175	Pavt Mrkg Cover, Type R, Black	8120200	800.000	Ft
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0185	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	644.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	644.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	800.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,500.000	Ft
0215	_ Turf Establishment, Performance	8167011	47.000	Syd
0220	Monument Box Adj	8210005	1.000	Ea
0225	Water Shutoff, Adj, Case 1	8230421	6.000	Ea
0230	Contractor Staking	8240001	1.000	LSUM
0235	Staking Plan Errors and Extras, Max \$180/hour	8240002	3.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 221104 035

Letting Date: November 4, 2022

Contract ID: 21041-213471

Description: 6.84 mi of hot mix asphalt micro cold milling, resurfacing and shoulder widening, overband crackfill, paver placed surface seal, concrete sidewalk ramps, shoulder gravel, guardrail and pavement markings on M-183 from south of US-2 southerly to Fayette Avenue in the village of Garden, Delta County. This project includes a 3 year materials and workmanship pavement warranty and a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213471A	22A1059	N/A	ST 21041
216902A	22A1058	N/A	HSIP 21041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$236,200.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	62.000	Syd
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0020	Aggregate Base, Conditioning	3020050	5,383.000	Syd
0025	Approach, CI III, LM	3070043	5.000	Cyd
0030	Shld, CI III, LM	3070143	25.000	Cyd
0035	Trenching	3070200	634.000	Sta
0040	Dr Structure Cover, Adj, Case 1	4030005	30.000	Ea
0045	Cold Milling HMA Surface	5010002	14,160.000	Syd
0050	HMA Surface, Rem	5010005	5,396.000	Syd
0055	HMA Quality Initiative	5010007	8,840.000	Dlr
0060	Longit Joint Density Quality Initiative	5010018	11,880.000	Dlr
0065	Hand Patching	5010025	757.000	Ton
0070	HMA Approach	5010061	60.000	Ton
0075	HMA, 3EL	5012012	2,478.000	Ton
0080	HMA, 5EL	5012036	1,185.000	Ton
0085	_ Micro Cold Milling, HMA	5017011	100,317.000	Syd
0090	Overband Crack Fill, Lane	5020003	12.190	Lnmi
0095	Paver Placed Surface Seal, Type C, Warranty	5030041	116,907.000	Syd
0100	Seal, Fog	5050015	21,359.000	Syd
0105	Detectable Warning Surface	8030010	55.000	Ft
0110	Curb Ramp, Conc, 6 inch	8032002	550.000	Sft
0115	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0120	Guardrail Reflector	8070080	40.000	Ea
0125	Guardrail, Type MGS-8, 108 inch Post	8072180	625.000	Ft

0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	64,000.000	Ft
0135	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	45,000.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	64,000.000	Ft
0145	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	45,000.000	Ft
0150	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0165	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0175	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0185	Plastic Drum, Fluorescent, Furn	8120252	270.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	270.000	Ea
0195	Sign Cover	8120310	10.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	2,100.000	Sft
0205	Sign, Type B, Temp, Prismatic, Oper	8120351	2,100.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	5,250.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	5,250.000	Ft
0225	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0230	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0235	Monument Box Adj	8210005	17.000	Ea
0240	Protect Corners	8210020	17.000	Ea
0245	Centerline Corrugations, Milled, HMA	8220013	32,072.000	Ft
0250	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	64,044.000	Ft
0255	Gate Box, Adj, Case 1	8230431	5.000	Ea
0260	Contractor Staking	8240001	1.000	LSUM
0265	Staking Plan Errors and Extras, Max \$180/hour	8240002	23.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 221104 036

Letting Date: November 4, 2022

Contract ID: 77052-208394

Description: 5.07 mi of hot mix asphalt cold milling and resurfacing, joint repairs and pavement markings on M-29 from Yankee Road to River Road and from the north city limits of Marine City to Remer Road, St Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208394A	N/A	N/A	M 77052
209214A	N/A	N/A	M 77052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$160,700.00	1100001	1.000	LSUM
0010	_ Shld, CI II, Modified	3077031	500.000	Ton
0015	HMA Quality Initiative	5010007	45,751.000	Dlr
0020	Longit Joint Density Quality Initiative	5010018	77,100.000	Dlr
0025	Hand Patching	5010025	1,050.000	Ton
0030	HMA, 5EL	5012036	10,850.000	Ton
0035	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	5,832.000	Ft
0040	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	4,008.000	Ft
0045	_ Micro Cold Milling, HMA	5017011	116,400.000	Syd
0050	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0065	Pavt Mrkg, Waterborne, 6 inch, White	8110233	48,282.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	24,400.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	48,282.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	24,400.000	Ft
0085	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0090	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	546.000	Ea
0095	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	546.000	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	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0120	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0125	Sign Cover	8120310	21.000	Ea
0130	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea

0135	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	1,064.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	1,064.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,150.000	Ft
0160	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	2,150.000	Ft
0165	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0170	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0175	Monument Box	8210001	7.000	Ea
0180	Monument Preservation	8210010	7.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 037**Letting Date:** November 4, 2022**Contract ID:** 31012-216916**Description:** 0.33 mi of hot mix asphalt removal, grading and slope restoration on M-26 from east of Erickson Drive to west of Janovsky Road, Houghton County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216916A	22A1013	N/A	HSIP 31012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$7,500.00	1100001	1.000	LSUM
0010	Excavation, Earth	2050016	129.000	Cyd
0015	Erosion Control, Silt Fence	2080036	200.000	Ft
0020	Shld, CI II, 7 inch	3070129	287.000	Syd
0025	HMA Surface, Rem	5010005	1,266.000	Syd
0030	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0035	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0040	Minor Traf Devices	8120170	1.000	LSUM
0045	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0050	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0055	Sign Cover	8120310	3.000	Ea
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	538.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	538.000	Sft
0070	Traf Regulator Control	8120370	1.000	LSUM
0075	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0080	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0085	Slope Restoration, Non-Freeway, Type B	8162002	2,300.000	Syd
0090	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	1,600.000	Ft
0095	Contractor Staking	8240001	1.000	LSUM
0100	Staking Plan Errors and Extras, Max \$180/hour	8240002	1.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 221104 038

Letting Date: November 4, 2022

Contract ID: 82000-212704

Description: 0.20 mi of bridge reconstruction 42 inch prestressed concrete bulb tee beams including cold milling and resurfacing, concrete curb and gutter, sewer, drainage, steel piles, steel sheet piles, guardrail, pavement markings and approach work on Edward N Hines Drive over the Middle Branch of the Rouge River in the city of Dearborn Heights, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212704A	22A1012	N/A	HIP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	8,244.000	Dlr
0010	Mobilization, Max \$411,500.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.500	Acre
0020	_ Clearing, Spec	2017012	0.100	Acre
0025	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0035	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0045	Dr Structure, Rem	2030011	1.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	50.000	Ft
0055	Curb and Gutter, Rem	2040020	136.000	Ft
0060	Fence, Rem	2040025	200.000	Ft
0065	Guardrail, Rem	2040035	493.000	Ft
0070	Pavt, Rem	2040050	2,683.000	Syd
0075	Sidewalk, Rem	2040055	20.000	Syd
0080	Exploratory Investigation, Vertical	2040080	60.000	Ft
0085	Backfill, Swamp	2050001	100.000	Cyd
0090	Embankment, CIP	2050010	5,780.000	Cyd
0095	Excavation, Earth	2050016	2,310.000	Cyd
0100	Excavation, Peat	2050017	100.000	Cyd
0105	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0115	Excavation, Fdn	2060010	2,410.000	Cyd
0120	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0125	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea

0135	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0140	Erosion Control, Maintenance, Sediment Rem	2080026	2.000	Cyd
0145	Erosion Control, Sediment Trap	2080034	2.000	Ea
0150	Erosion Control, Silt Fence	2080036	2,400.000	Ft
0155	Erosion Control, Turbidity Curtain, Deep	2080042	120.000	Ft
0160	Project Cleanup	2090001	1.000	LSUM
0165	Subbase, CIP	3010002	3,100.000	Cyd
0170	Aggregate Base, 6 inch	3020016	940.000	Syd
0175	Aggregate Base, 9 inch	3020022	5,062.000	Syd
0180	Trenching	3070200	3.000	Sta
0185	_ Approach, CI II, 9 inch	3077011	175.000	Syd
0190	_ Shld, CI II, 10 inch	3077011	772.000	Syd
0195	Geotextile, Separator	3080005	600.000	Syd
0200	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0205	Culv End Sect, Conc, 18 inch	4010049	4.000	Ea
0210	Culv, CI F, Conc, 18 inch	4010643	64.000	Ft
0215	Sewer, CI A, 12 inch, Tr Det B	4020033	160.000	Ft
0220	Sewer, CI A, 15 inch, Tr Det B	4020034	43.000	Ft
0225	Sewer, CI A, 18 inch, Tr Det B	4020035	117.000	Ft
0230	Trench Undercut and Backfill	4021260	100.000	Cyd
0235	Video Taping Sewer and Culv Pipe	4021275	320.000	Ft
0240	Dr Structure Cover, Type B	4030010	1.000	Ea
0245	Dr Structure Cover, Type R	4030070	4.000	Ea
0250	Dr Structure, 24 inch dia	4030200	2.000	Ea
0255	Dr Structure, 48 inch dia	4030210	4.000	Ea
0260	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0265	Underdrain, Subbase, 6 inch	4040063	1,858.000	Ft
0270	Underdrain, Subgrade, 6 inch	4040073	400.000	Ft
0275	Underdrain Outlet, 4 inch	4040091	120.000	Ft
0280	Underdrain Outlet, 6 inch	4040093	500.000	Ft
0285	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0290	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0295	Cold Milling HMA Surface	5010002	867.000	Syd
0300	HMA Surface, Rem	5010005	5,276.000	Syd
0305	HMA Approach	5010061	52.000	Ton
0310	HMA, 4EML	5012025	161.000	Ton
0315	HMA, 5EMH	5012038	171.000	Ton
0320	Conc Pavt, Nonreinf, 10 inch	6020108	2,252.000	Syd
0325	Joint, Contraction, Cp	6020200	1,392.000	Ft
0330	Joint, Contraction, C3p	6020201	956.000	Ft
0335	Joint, Expansion, E2	6020207	144.000	Ft
0340	Joint, Expansion, E3	6020208	144.000	Ft
0345	Joint, Expansion, E4	6020209	126.000	Ft
0350	Shld, Nonreinf Conc	6020222	1,524.000	Syd
0355	Conc Pavt, Bridge Approach, Reinf	6020600	292.000	Syd

0360	Joint, Expansion, Erg	6030021	48.000	Ft
0365	_ Rub Rail	7097001	160.000	Ft
0370	Curb and Gutter, Bridge Approach, Det 5	8022016	292.000	Ft
0375	Sidewalk, Conc, 6 inch	8030046	1,808.000	Sft
0380	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0385	Guardrail Reflector	8070080	28.000	Ea
0390	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0395	Guardrail Anch, Bridge, Det M4	8070133	2.000	Ea
0400	Guardrail, Type MGS-8, 72 inch Post	8072179	250.000	Ft
0405	_ Hand Digging Guardrail Post	8077050	8.000	Ea
0410	Fence Gate, 16 foot, for 84 inch Chain Link Fence, Vinyl Coated	8082044	1.000	Ft
0415	Delineator Reflector, Green	8100133	4.000	Ea
0420	Post, Rigid, Delineator	8100361	4.000	Ea
0425	Post, Steel, 3 pound	8100371	72.000	Ft
0430	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0435	Sign, Type III, Rem	8100403	16.000	Ea
0440	Sign, Type III, Rem, Salv	8102003	6.000	Ea
0445	Ground Mtd Sign Support, Rem	8102010	14.000	Ea
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,315.000	Ft
0455	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,540.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,315.000	Ft
0465	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	2,540.000	Ft
0470	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	520.000	Ft
0475	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0480	Recessing Pavt Mrkg, Longit	8110450	9,190.000	Ft
0485	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0495	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0500	Conc Barrier, Temp, Furn	8120081	88.000	Ft
0505	Conc Barrier, Temp, Oper	8120082	88.000	Ft
0510	Minor Traf Devices	8120170	1.000	LSUM
0515	Mobile Attenuator	8120180	1.000	Ea
0520	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0525	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0530	Sign Cover	8120310	2.000	Ea
0535	Sign Cover, Type I	8120320	2.000	Ea
0540	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0545	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	606.000	Sft
0555	Sign, Type B, Temp, Prismatic, Oper	8120351	606.000	Sft
0560	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	95.000	Sft
0565	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	95.000	Sft

0570	Pedestrian Path, Temp	8122250	30.000	Ft
0575	Pedestrian Ramp, Temp	8122251	1.000	Ea
0580	Riprap, Plain	8130010	45.000	Syd
0585	Seeding, Mixture CR	8160035	10.000	Lb
0590	Water, Sodding/Seeding	8160090	1.000	Unit
0595	Turf Reinforcement Mat	8162000	200.000	Syd
0600	Slope Restoration, Non-Freeway, Type A	8162001	2,000.000	Syd
0605	Slope Restoration, Non-Freeway, Type B	8162002	5,000.000	Syd
0610	Slope Restoration, Non-Freeway, Type C	8162003	1,000.000	Syd
0615	Slope Restoration, Non-Freeway, Type D	8162004	400.000	Syd
0620	Monument Box Adj	8210005	1.000	Ea
0625	Monument Preservation	8210010	2.000	Ea
0630	Protect Corners	8210020	1.000	Ea
0635	Contractor Staking	8240001	1.000	LSUM
0640	Staking Plan Errors and Extras, Max \$180/hour	8240002	92.000	Hr

Section: 2

0645	Structures, Rem (Str 12073)	2040060	1.000	LSUM
0650	Backfill, Structure, CIP	2060002	360.000	Cyd
0655	Erosion Control, Filter Bag	2080014	6.000	Ea
0660	Underdrain, Fdn, 4 inch	4040031	360.000	Ft
0665	Cofferdams (Str 12073)	7040007	1.000	LSUM
0670	Pile Driving Equipment, Furn (Str 12073)	7050002	1.000	LSUM
0675	Pile, Steel, Furn and Driven, 12 inch	7050030	7,290.000	Ft
0680	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0685	Pile Point, Steel	7050039	116.000	Ea
0690	Pile, Steel, Splice	7050050	116.000	Ea
0695	Bridge Ltg, Furn and Rem (Str 12073)	7060001	1.000	LSUM
0700	Bridge Ltg, Oper and Maintain	7060002	262.000	Cyd
0705	Elec Grounding System	7060040	1.000	Ea
0710	Expansion Joint Device	7060050	74.000	Ft
0715	Expansion Joint Device, Cover Plate	7060051	16.000	Ft
0720	False Decking	7060060	13,253.000	Sft
0725	Reinforcement, Steel, Epoxy Coated	7060092	94,721.000	Lb
0730	Substructure Conc, High Performance	7060101	488.000	Cyd
0735	Superstructure Conc, Form, Finish, and Cure (Str 12073)	7060111	1.000	LSUM
0740	Superstructure Conc, Form, Finish, and Cure, Night Casting (Str 12073)	7060112	1.000	LSUM
0745	Superstructure Conc, High Performance	7060116	84.000	Cyd
0750	Superstructure Conc, Night Casting, High Performance	7060117	262.000	Cyd
0755	Sealing Localized Cracks (Str 12073)	7060220	1.000	LSUM
0760	Conc, Grade 3500	7062001	482.000	Cyd
0765	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,350.000	Lb
0770	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,350.000	Lb

0775	_ Bearing, Elastomeric, 2 5/8 inch	7077008	5,920.000	Sin
0780	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	888.000	Ft
0785	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	888.000	Ft
0790	Joint Waterproofing	7100001	428.000	Sft
0795	Substructure Horizontal Surface Sealer (Str 12073)	7100030	47.000	Syd
0800	Bridge Railing, 4 Tube	7110010	206.000	Ft
0805	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
0810	Fence, Structure	8080110	486.000	Sft
0815	Riprap, Heavy	8130005	715.000	Syd
0820	Structure Survey During Construction	8240020	1.000	LSUM



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 039**Letting Date:** November 4, 2022**Contract ID:** 66000-213946

Description: 0.30 mi of hot mix asphalt pavement reconstruction and t-turnaround construction, clearing, signing, steel sheet piles, guardrail and bridge removal at five different locations in Genesee, Huron, Oceana and Ontonagon Counties. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213946A	22A0159	N/A	HIC 66000
213947A	22A0159	N/A	HIC 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$165,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.320	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0030	Guardrail, Rem	2040035	601.000	Ft
0035	Pavt, Rem	2040050	593.000	Syd
0040	Embankment, CIP	2050010	865.000	Cyd
0045	Excavation, Earth	2050016	10,144.000	Cyd
0050	Obliterate Old Road	2070002	0.550	Acre
0055	Erosion Control, Check Dam, Stone	2080012	12.000	Ft
0060	Erosion Control, Silt Fence	2080036	2,719.000	Ft
0065	Project Cleanup	2090001	1.000	LSUM
0070	Subbase, CIP	3010002	944.000	Cyd
0075	Aggregate Base, 6 inch	3020016	1,890.000	Syd
0080	Geotextile, Separator	3080005	1,895.000	Syd
0085	Geotextile, Stabilization	3080010	1,895.000	Syd
0090	Pavt, Cleaning	5010001	1.000	LSUM
0095	HMA, 3C	5010031	55.000	Ton
0100	HMA, 13A	5010033	83.000	Ton
0105	Guardrail, Type MGS-8	8070004	500.000	Ft
0110	Post, Steel, 3 pound	8100371	900.000	Ft
0115	Sign, Type I, Rem	8100391	20.000	Ea
0120	Sign, Type III, Rem	8100403	30.000	Ea
0125	Sign, Type IIIA	8100404	90.000	Sft
0130	Sign, Type IIIB	8100405	165.000	Sft

0135	Sign, Type VB	8100425	160.000	Sft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	75.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	75.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Plastic Drum, Fluorescent, Furn	8120252	125.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	125.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0175	Fertilizer, Chemical Nutrient, CI A	8160020	314.000	Lb
0180	Seeding, Mixture TDS	8160037	389.000	Lb
0185	_ Mulch Blanket, Modified	8167011	8,442.000	Syd
0190	Contractor Staking	8240001	1.000	LSUM
0195	Staking Plan Errors and Extras, Max \$180/hour	8240002	18.000	Hr

Section: 2

0200	_ Structures, Rem Portions, Substructure	2047021	826.000	Cyd
0205	_ Asbestos Survey (12968)	2047051	1.000	LSUM
0210	_ Asbestos Survey (2761)	2047051	1.000	LSUM
0215	_ Asbestos Survey (3627)	2047051	1.000	LSUM
0220	_ Asbestos Survey (8528)	2047051	1.000	LSUM
0225	_ Asbestos Survey (8535)	2047051	1.000	LSUM
0230	_ Structures, Rem, Superstructure (12968)	2047051	1.000	LSUM
0235	_ Structures, Rem, Superstructure (2761)	2047051	1.000	LSUM
0240	_ Structures, Rem, Superstructure (3627)	2047051	1.000	LSUM
0245	_ Structures, Rem, Superstructure (8528)	2047051	1.000	LSUM
0250	_ Structures, Rem, Superstructure (8535)	2047051	1.000	LSUM
0255	_ Rem and Disposal of Asbestos Material	2047060	5,000.000	Dlr
0260	Excavation, Channel	2050015	10.000	Cyd
0265	Erosion Control, Sand Bag	2080028	3,810.000	Ea
0270	_ Cofferdams, Left in Place, Modified (12968)	7047051	1.000	LSUM
0275	_ Cofferdams, Left in Place, Modified (2761)	7047051	1.000	LSUM
0280	_ Cofferdams, Left in Place, Modified (3627)	7047051	1.000	LSUM



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 040**Letting Date:** November 4, 2022**Contract ID:** 16000-212279

Description: Bridge rehabilitation including epoxy deck overlay, bridge joint and strip seal gland replacement on White Road and McEachron Road over the Sturgeon River, Webb Road and Red Bridge Road over the Pigeon River, Cheboygan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212279A	22A0884	N/A	BFPO 16000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$16,700.00	1100001	1.000	LSUM
0010	Minor Traf Devices	8120170	1.000	LSUM
0015	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0020	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0025	PTS System, Temp, Furn	8120270	1.000	Ea
0030	PTS System, Temp, Oper	8120271	1.000	Ea
0035	Sign, Type B, Temp, Prismatic, Furn	8120350	75.000	Sft
0040	Sign, Type B, Temp, Prismatic, Oper	8120351	75.000	Sft
0045	Traf Regulator Control	8120370	1.000	LSUM

Section: 2

0050	Epoxy Ovly	7120020	1,050.000	Syd
0055	Bridge Joint, Strip Seal Gland Replacement	7122005	124.000	Ft



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 041**Letting Date:** November 4, 2022**Contract ID:** 83000-215772

Description: 0.20 mi of hot mix asphalt reconstruction, concrete curb, gutter and ramps, water main, sanitary sewer, signing and pavement markings on Division Street from Colfax Street to Linden Street in the city of Cadillac, Wexford County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215772A	22A0949	N/A	STUL 83000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$44,000.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	3.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	296.000	Ft
0020	Curb and Gutter, Rem	2040020	2,075.000	Ft
0025	Pavt, Rem	2040050	115.000	Syd
0030	Sidewalk, Rem	2040055	200.000	Syd
0035	Embankment, CIP	2050010	160.000	Cyd
0040	Excavation, Earth	2050016	2,100.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0050	Subbase, CIP	3010002	500.000	Cyd
0055	Aggregate Base, 6 inch	3020016	4,315.000	Syd
0060	Maintenance Gravel, LM	3060021	100.000	Cyd
0065	Approach, CI I, 6 inch	3070008	1,007.000	Syd
0070	Sewer, CI E, 12 inch, Tr Det B	4020600	154.000	Ft
0075	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0080	Dr Structure Cover, Type K	4030050	3.000	Ea
0085	Dr Structure, 24 inch dia	4030200	2.000	Ea
0090	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0095	_ Dr Structure Cover, Type B - EJ SELFLEVEL	4037050	2.000	Ea
0100	_ Dr Structure Cover, Type Q - EJ SELFLEVEL	4037050	4.000	Ea
0105	_ Dr Structure, 48 inch dia, Leaching	4037050	2.000	Ea
0110	_ Dr Structure, 60 inch dia, Leaching	4037050	1.000	Ea
0115	HMA Surface, Rem	5010005	4,365.000	Syd
0120	HMA Approach	5010061	104.000	Ton
0125	HMA, 4EL	5012024	675.000	Ton
0130	Driveway, Nonreinf Conc, 6 inch	8010005	262.000	Syd
0135	Curb and Gutter, Conc, Det F4	8020038	1,942.000	Ft

0140	Curb Ramp Opening, Conc	8030030	156.000	Ft
0145	Curb Ramp, Conc, 6 inch	8032002	1,789.000	Sft
0150	_ Detectable Warning Surface, Cast Iron	8037001	156.000	Ft
0155	Post, Mailbox	8070095	10.000	Ea
0160	Post, Steel, 3 pound	8100371	54.000	Ft
0165	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0170	Sign, Type III, Rem	8100403	10.000	Ea
0175	Sign, Type IIIB	8100405	28.000	Sft
0180	_ Round Post, Rem, Salv, and Re-install	8107050	4.000	Ea
0185	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	272.000	Ft
0190	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	6.000	Ea
0195	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	288.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	76.000	Ft
0205	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	250.000	Ft
0210	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,732.000	Ft
0215	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	6.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0230	Pedestrian Type II Barricade, Temp	8120026	8.000	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	30.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	441.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	441.000	Sft
0270	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	35.000	Sft
0275	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	35.000	Sft
0280	_ Slope Restoration	8167011	1,550.000	Syd
0285	_ Conduit, DB, 1, 1-1/2 inch, Special	8197001	500.000	Ft
0290	_ Conduit, DB, 1, 3 inch, Special	8197001	500.000	Ft
0295	_ Handhole	8197050	8.000	Ea
0300	_ Water Service, Copper Type K, 3/4 inch	8237001	50.000	Ft
0305	_ Insulation Board, 6 inch	8237010	400.000	Sft
0310	_ Fire Hydrant Assembly	8237050	2.000	Ea
0315	_ Fire Hydrant, Rem	8237050	2.000	Ea
0320	_ Gate Box, Adj, Special	8237050	7.000	Ea
0325	_ Water Service, 3-Part Coupling, 3/4 inch	8237050	2.000	Ea
0330	_ Water Service, Corporation Stop, 3/4 inch	8237050	2.000	Ea
0335	_ Water Service, Curb Stop and Box, 3/4 inch	8237050	2.000	Ea
0340	Sanitary Structure, Rem	8252105	1.000	Ea
0345	_ Sanitary Sewer, PVC, 10 inch, Tr Det B2, Modified	8257001	100.000	Ft
0350	_ Sanitary Sewer, PVC, 12 inch, Tr Det B2, Modified	8257001	91.000	Ft

0355	_ Sanitary Structure, 48 inch dia, Modified	8257050	1.000	Ea
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Schedule of Pay Items

Report v1

Letting Call: 221104 042

Letting Date: November 4, 2022

Contract ID: 70000-212749

Description: 0.35 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on 40th Avenue from Grant Street northerly to Van Buren Street in the city of Hudsonville, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212749A	22A0917	N/A	STU 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$24,900.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	160.000	Ft
0015	Sidewalk, Rem	2040055	81.000	Syd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	13.000	Ea
0025	Aggregate Base, LM	3020002	20.000	Cyd
0030	Aggregate Base, Conditioning	3020050	7,400.000	Syd
0035	Maintenance Gravel, LM	3060021	30.000	Cyd
0040	Dr Structure, Temp Lowering	4030390	10.000	Ea
0045	_ Dr Structure Cover, Adj, Case 1, Special	4037050	10.000	Ea
0050	Cold Milling HMA Surface	5010002	7,400.000	Syd
0055	HMA, 4EL	5012024	1,830.000	Ton
0060	Curb and Gutter, Conc, Det F4	8020038	144.000	Ft
0065	Curb Ramp Opening, Conc	8030030	16.000	Ft
0070	Sidewalk, Conc, 4 inch	8030044	270.000	Sft
0075	Curb Ramp, Conc, 4 inch	8032001	255.000	Sft
0080	Curb Ramp, Conc, 6 inch	8032002	115.000	Sft
0085	_ Detectable Warning Surface, Modified	8037001	10.000	Ft
0090	Curb Slp, HMA	8050010	1,848.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	525.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	525.000	Ft
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0115	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea

0135	Sign Cover	8120310	2.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0150	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	6.000	Sft
0155	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	6.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0165	_ HMA Spillway	8147011	60.000	Syd
0170	_ Turf Restoration	8167011	600.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 221104 043**Letting Date:** November 4, 2022**Contract ID:** 03000-208943

Description: 0.90 mi hot mix asphalt cold milling and resurfacing and pavement markings on 12th Street from 102nd Avenue to M-89 and 16th Street from 102nd Avenue to the city limits of Otsego, Allegan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208943A	22A0941	N/A	ST 03000
208944A	22A0994	N/A	ST 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$45,000.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	215.000	Syd
0015	Project Cleanup	2090001	1.000	LSUM
0020	Aggregate Base, 3 inch	3020008	215.000	Syd
0025	Approach, CI II, LM	3070023	160.000	Cyd
0030	Shld, CI II, LM	3070123	300.000	Cyd
0035	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0040	Cold Milling HMA Surface	5010002	40,500.000	Syd
0045	Pavt for Butt Joints, Rem	5010008	1,610.000	Syd
0050	HMA, 4EL	5012024	5,300.000	Ton
0055	Curb Slp, HMA	8050010	1,060.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,700.000	Ft
0075	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,700.000	Ft
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0085	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0090	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0095	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0115	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0125	_ Monument Box Adjust, Modified	8217050	1.000	Ea
0130	Water Shutoff, Adj, Case 1	8230421	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 221104 044

Letting Date: November 4, 2022

Contract ID: 79000-211437-2

Description: Construction of a shared-use path and pedestrian bridge over the Cass River between Spring Street and Water Street in the city of Vassar, Tuscola County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211437A	22A0137	N/A	TAL 79000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	900.000	Dlr
0010	Mobilization, Max \$118,100.00	1100001	1.000	LSUM
0015	Erosion Control, Silt Fence	2080036	600.000	Ft
0020	_ Aggregate Base, 6 inch, Modified	3027011	50.000	Syd
0025	Shared use Path, Conc	8060020	34.000	Syd
0030	Shared use Path, Grading	8060030	31.000	Ft
0035	Post, Wood Guard	8070085	8.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0045	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0050	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0055	Pedestrian Type II Channelizer, Temp	8120027	290.000	Ft
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Sign, Type B, Temp, Prismatic, Furn	8120350	30.000	Sft
0070	Sign, Type B, Temp, Prismatic, Oper	8120351	30.000	Sft
0075	_ Turf Establishment, Performance-No Rye, Special	8167011	1,750.000	Syd
0080	_ Bollard	8507050	4.000	Ea

Section: 2

0085	Backfill, Structure, CIP	2060002	88.000	Cyd
0090	Aggregate	2060005	9.000	Cyd
0095	Excavation, Fdn	2060010	170.000	Cyd
0100	Underdrain, Fdn, 4 inch	4040031	60.000	Ft
0105	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0110	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0115	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0120	Pile, Steel, Furn and Driven, 12 inch	7050030	410.000	Ft
0125	Test Pile, Steel, 12 inch	7050031	2.000	Ea

0130	Pile Point, Steel	7050039	16.000	Ea
0135	Pile, Steel, Splice	7050050	16.000	Ea
0140	_ Helical Pile	7057050	69.000	Ea
0145	_ Helical Pile, Additional 7' Section	7057050	69.000	Ea
0150	_ Helical Pile, Battered	7057050	22.000	Ea
0155	_ Helical Pile, Load Test	7057050	2.000	Ea
0160	Reinforcement, Steel, Epoxy Coated	7060092	8,430.000	Lb
0165	Substructure Conc	7060100	104.000	Cyd
0170	_ Prefabricated Structure, Furn and Erect	7077051	1.000	LSUM
0175	_ Structure, Timber, Boardwalk	7097001	352.000	Ft
0180	Substructure Horizontal Surface Sealer	7100030	7.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 221104 045**Letting Date:** November 4, 2022**Contract ID:** 36000-206913**Description:** 1.07 mi of hot mix asphalt crushing, shaping and resurfacing and pavement markings on County Road 424 from Treeline Drive east to Blue Lake Hill, Iron County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206913A	22A1016	N/A	STL 36000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$47,900.00	1100001	1.000	LSUM
0010	Aggregate Base, 3 inch	3020008	19,462.000	Syd
0015	HMA Base Crushing and Shaping	3050002	20,574.000	Syd
0020	Approach, CI I, 3 inch	3070005	1,112.000	Syd
0025	Approach, CI II, 4 inch	3070026	1,040.000	Syd
0030	Shld, CI II, 4 inch	3070126	3,767.000	Syd
0035	HMA, 4EL	5012024	3,870.000	Ton
0040	Post, Steel, 3 pound	8100371	80.000	Ft
0045	Sign, Type III, Rem	8100403	5.000	Ea
0050	Sign, Type IIIA	8100404	19.000	Sft
0055	Sign, Type IIIB	8100405	15.000	Sft
0060	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	11,300.000	Ft
0065	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,300.000	Ft
0070	Recessing Pavt Mrkg, Longit	8110450	11,300.000	Ft
0075	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	452.000	Ft
0095	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	320.000	Sft
0105	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	25.000	Sft
0110	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	25.000	Sft
0115	Traf Regulator Control	8120370	1.000	LSUM
0120	Monument Box	8210001	3.000	Ea
0125	Monument Preservation	8210010	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 221104 046

Letting Date: November 4, 2022

Contract ID: 82000-216069

Description: 6.31 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalks and ramps and pavement markings on Larned Street at multiple locations in the city of Detroit, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216069A	22A0904	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$645,800.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	180.000	Ft
0015	Pavt, Rem	2040050	312.000	Syd
0020	Sidewalk, Rem	2040055	1,678.000	Syd
0025	_ Curb, Rem, Modified	2047001	1,460.000	Ft
0030	_ Integral Curb and Sidewalk, 2 Feet, Rem, Modified	2047001	310.000	Ft
0035	_ Dr Structure Lead, Cleaning, Modified	4037001	2,450.000	Ft
0040	_ Dr Structure Cleaning, Modified	4037050	195.000	Ea
0045	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	871.000	Ea
0050	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	4.000	Ea
0055	_ Dr Structure Cover, Type CB, Modified	4037050	195.000	Ea
0060	_ Dr Structure Cover, Type PLD HH, Modified	4037050	210.000	Ea
0065	_ Dr Structure Cover, Type PLD MH, Modified	4037050	120.000	Ea
0070	_ Dr Structure Cover, Type Sewer MH, Modified	4037050	205.000	Ea
0075	_ Dr Structure Cover, Type Water MH Modified	4037050	61.000	Ea
0080	_ Dr Structure Cover, Type Water Valve Box , Modified	4037050	129.000	Ea
0085	_ Reconstructing Dr Structure, Case 1, Modified	4037050	11.000	Ea
0090	Pavt, Cleaning	5010001	1.000	LSUM
0095	Hand Patching	5010025	5.000	Ton
0100	HMA, 4EML	5012025	17,571.000	Ton
0105	HMA, 5EML	5012037	13,184.000	Ton
0110	_ Cold Milling HMA Surface, Approach, Modified	5017011	8,459.000	Syd
0115	_ Cold Milling HMA Surface, Modified	5017011	145,113.000	Syd
0120	_ Conditioning Existing Pavement, Modified	5017031	5.000	Ton
0125	_ HMA Approach, Modified	5017031	1,883.000	Ton
0130	_ Pavt Repr, Nonreinf Conc, 10 inch, Modified	6037011	86.000	Syd
0135	_ Pavt Repr, Rem, Modified	6037011	86.000	Syd

0140	Curb and Gutter, Conc, Det F3	8020037	180.000	Ft
0145	_ Curb, Conc, Detail CD, Modified	8027001	1,263.000	Ft
0150	_ Detectable Warning Surface Tile, Modified	8027001	126.000	Ft
0155	Curb Ramp Opening, Conc	8030030	197.000	Ft
0160	_ Integral Curb and Sidewalk, 2 Feet, Modified	8037001	310.000	Ft
0165	_ Sidewalk Ramp, ADA, Modified	8037010	1,888.000	Sft
0170	_ Sidewalk, Conc with Tree Roots, 6 inch, Modified	8037010	720.000	Sft
0175	_ Sidewalk, Conc, 4 inch, Modified	8037010	6,226.000	Sft
0180	_ Sidewalk, Conc, 6 inch, Modified	8037010	250.000	Sft
0185	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,095.000	Ft
0190	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	111.000	Ft
0195	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	3,899.000	Ft
0200	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	8.000	Ea
0205	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	4,063.000	Ft
0210	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	876.000	Ft
0215	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	30,475.000	Ft
0220	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	4,580.000	Ft
0225	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	27,534.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	25,483.000	Ft
0235	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,928.000	Ft
0240	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	96.000	Ft
0245	Pavt Mrkg, Polyurea, Bus	8110400	2.000	Ea
0250	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	31.000	Ea
0255	Pavt Mrkg, Polyurea, Only	8110410	58.000	Ea
0260	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	15.000	Ea
0265	Pavt Mrkg, Polyurea, Stop	8110415	2.000	Ea
0270	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	8.000	Ea
0275	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	11.000	Ea
0280	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	12.000	Ea
0285	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	8.000	Ea
0290	_ Recessing for Pavt Mrkg, 06 inch	8117001	3,899.000	Ft
0295	_ Recessing for Pavt Mrkg, 12 inch	8117001	30,475.000	Ft
0300	_ Recessing for Pavt Mrkg, 18 inch	8117001	4,580.000	Ft
0305	_ Pavt Mrkg, Polymer Cement, Base Field, Green	8117010	1,924.000	Sft
0310	_ Pavt Mrkg, Polyurea, No Left Turn	8117050	2.000	Ea
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0325	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0335	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0345	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0350	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	250.000	Ft

0355	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,658.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,942.000	Ft
0365	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0370	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0375	Sign, Type B, Temp, Prismatic, Furn	8120350	1,750.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	1,750.000	Sft
0385	Traf Regulator Control	8120370	1.000	LSUM
0390	Sodding	8160055	25.000	Syd
0395	Water, Sodding/Seeding	8160090	10.000	Unit
0400	_ Seeding, Mixture THM, Modified	8167011	50.000	Syd
0405	_ Topsoil Surface, Furn, LM, Modified	8167021	73.000	Cyd
0410	_ Underground Sprinklers, Identify, Protect and Restore, Modified	8237050	5.000	Ea
0415	_ Water shutoff, Adj, Case 1, Modified	8237050	129.000	Ea
0420	_ Door Hanger Notifications, Modified	8507051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 221104 047

Letting Date: November 4, 2022

Contract ID: 04000-215387

Description: 0.47 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps and pavement markings on North Ripley Boulevard from 3rd Avenue to Washington Avenue in the city of Alpena, Alpena County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215387A	22A0930	N/A	STUL 04000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$50,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	1,128.000	Ft
0015	Pavt, Rem	2040050	5.000	Syd
0020	Sidewalk, Rem	2040055	563.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	38.000	Ea
0030	_ Aggregate Base, 22A, Modified	3027031	59.000	Ton
0035	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0040	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0045	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0050	_ Dr Structure Cover, Repl and Adj, Case 1	4037050	26.000	Ea
0055	Cold Milling HMA Surface	5010002	16,518.000	Syd
0060	HMA Surface, Rem	5010005	291.000	Syd
0065	Hand Patching	5010025	63.000	Ton
0070	HMA, 13A	5010033	1,615.000	Ton
0075	HMA Approach	5010061	203.000	Ton
0080	Lane Tie, Epoxy Anchored	6030030	88.000	Ea
0085	Curb and Gutter, Conc, Det C4	8020023	878.000	Ft
0090	Curb Ramp Opening, Conc	8030030	337.000	Ft
0095	Curb Ramp, Conc, 6 inch	8032002	4,777.000	Sft
0100	_ Detectable Warning Surface, Metal	8037001	249.000	Ft
0105	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	983.000	Ft
0110	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	5,461.000	Ft
0115	Pavt Mrkg, Regular Dry, 12 inch, White	8110131	194.000	Ft
0120	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0125	_ Pavt Mrkg, Regular Dry, 24 inch, Stop Bar	8117001	263.000	Ft
0130	_ Pavt Mrkg, Regular Dry, 6 inch, Cross Walk	8117001	1,140.000	Ft
0135	_ Pavt Mrkg, Regular Dry, Lt Turn Arrow Sym	8117050	34.000	Ea

0140	_ Pavt Mrkg, Regular Dry, Only	8117050	1.000	Ea
0145	_ Pavt Mrkg, Regular Dry, Rt Turn Arrow Sym	8117050	1.000	Ea
0150	_ Pavt Mrkg, Regular Dry, School	8117050	2.000	Ea
0155	_ Pavt Mrkg, Regular Dry, Thru and Rt Turn Arrow Sym	8117050	1.000	Ea
0160	_ Pavt Mrkg, Regular Dry, Thru Arrow Sym	8117050	1.000	Ea
0165	Pedestrian Type II Barricade, Temp	8120026	52.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Ltg for Night Work	8120160	1.000	LSUM
0195	Minor Traf Devices	8120170	1.000	LSUM
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	592.000	Sft
0205	Sign, Type B, Temp, Prismatic, Oper	8120351	592.000	Sft
0210	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	69.000	Sft
0215	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	69.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0225	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	408.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	408.000	Ft
0235	_ Slope Restoration	8167011	1,293.000	Syd
0240	Gate Box, Adj, Case 1	8230431	10.000	Ea



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 048**Letting Date:** November 4, 2022**Contract ID:** 28000-208098

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

Project Information

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

List of Items by Section

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

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



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Schedule of Pay Items

Report v1

Letting Call: 221104 049**Letting Date:** November 4, 2022**Contract ID:** 81000-211835

Description: 6.81 mi of centerline corrugations, high friction surface treatment, flashing beacon, signing and pavement markings on Dexter Pinckney Road from Island Lake Road to the north Washtenaw County line and Pleasant Lake Road from Schneider Road to Parker Road (the north junction), Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211835A	22A0877	N/A	HRRR 81000
211926A	22A0880	N/A	HSIP 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$78,000.00	1100001	1.000	LSUM
0010	High Friction Surface Treatment	5060800	5,850.000	Syd
0015	Post, Mailbox	8070095	2.000	Ea
0020	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
0025	Post, Steel, 3 pound	8100371	3,626.000	Ft
0030	Sign, Type III, Rem	8100403	252.000	Ea
0035	Sign, Type IIIA	8100404	235.000	Sft
0040	Sign, Type IIIB	8100405	1,107.000	Sft
0045	Sign, Type VB	8100425	266.000	Sft
0050	Reflective Panel for Permanent Sign Support, 3 foot	8100613	67.000	Ea
0055	Reflective Panel for Permanent Sign Support, 6 foot	8100616	68.000	Ea
0060	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, White	8112000	600.000	Ft
0065	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	97,000.000	Ft
0070	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, Yellow	8112003	105,500.000	Ft
0075	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	600.000	Ft
0080	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	97,000.000	Ft
0085	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	105,500.000	Ft
0090	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0115	Sign, Type A, Temp, Prismatic, Furn	8120340	144.000	Sft
0120	Sign, Type A, Temp, Prismatic, Oper	8120341	144.000	Sft

0125	Sign, Type B, Temp, Prismatic, Furn	8120350	416.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	416.000	Sft
0135	Traf Regulator Control	8120370	1.000	LSUM
0140	Hh, Rem	8182330	2.000	Ea
0145	Serv Disconnect	8182366	3.000	Ea
0150	Serv Disconnect, Rem	8182367	1.000	Ea
0155	Wood Pole, Fit Up, Sec Serv Pole	8182382	3.000	Ea
0160	Wood Pole, Fit Up, TS Cable Pole	8182387	4.000	Ea
0165	_ Bracket Arm, 18 Foot, 5 Foot Rise	8187050	1.000	Ea
0170	_ Street Name Sign Bracket Arm	8187050	2.000	Ea
0175	_ Wood Pole Fit Up, Rem	8187050	2.000	Ea
0180	Case Sign, Rem	8200020	1.000	Ea
0185	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0190	TS, Managed Field Ethernet Switch, Rem	8200087	1.000	Ea
0195	Span Wire	8200140	2.000	Ea
0200	Span Wire, Rem	8200141	1.000	Ea
0205	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0210	Cabinet, Rem	8200184	1.000	Ea
0215	TS, Three Way Span Wire Mtd, One Sect (LED)	8200292	1.000	Ea
0220	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	1.000	Ea
0225	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0230	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0235	Wireless Vehicle Detection System	8200422	1.000	Ea
0240	Wireless Vehicle Sensor Node	8200425	24.000	Ea
0245	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
0250	Strain Pole Fdn, 6 Bolt	8200470	16.000	Ft
0255	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0260	_ Backplate, TS, 3 Sec	8207050	8.000	Ea
0265	_ Backplate, TS, 4 Sec	8207050	4.000	Ea
0270	_ Cell Modem, Rem	8207050	1.000	Ea
0275	_ Controller and Cabinet, Base Mount (TS2)	8207050	1.000	Ea
0280	_ Managed Ethernet Switch	8207050	1.000	Ea
0285	_ Span Wire Tether, Modified	8207050	4.000	Ea
0290	_ TS, Controller, Rem	8207050	1.000	Ea
0295	_ Video Surveillance Camera, PTZ with Multiview	8207050	1.000	Ea
0300	_ Wireless Repeater, Flex	8207050	4.000	Ea
0305	Centerline Corrugations, Milled, HMA	8220013	36,000.000	Ft
0310	_ Uninterruptible Power Supply, ITS, Modified	8267050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 050**Letting Date:** November 4, 2022**Contract ID:** 41000-206961-2

Description: 0.94 mi of hot mix asphalt widening and surfacing, concrete curb, gutter and ramps, retaining wall, guardrail and pavement markings on Cascade Road from 36th Street southeasterly to Whitneyville Avenue, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206961A	N/A	N/A	EDC 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$165,100.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	16.000	Ea
0015	Stump, Rem, 6 inch to 18 inch	2020008	26.000	Ea
0020	Curb and Gutter, Rem	2040020	700.000	Ft
0025	Guardrail, Rem	2040035	463.000	Ft
0030	Pavt, Rem	2040050	10,400.000	Syd
0035	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	Embankment, CIP	2050010	3,330.000	Cyd
0045	Excavation, Earth	2050016	5,310.000	Cyd
0050	_ Embankment, CL II, CIP	2057021	2,440.000	Cyd
0055	Erosion Control, Silt Fence	2080036	500.000	Ft
0060	_ Project Cleanup, Modified	2097051	1.000	LSUM
0065	Aggregate Base	3020001	250.000	Ton
0070	Aggregate Base, 6 inch	3020016	1,100.000	Syd
0075	_ Aggregate Base, Modified	3027021	4,170.000	Cyd
0080	Approach, CI III, CIP	3070042	1,100.000	Cyd
0085	_ Sewer, CL A, Perforated SLCPP W/Sock, 12 inch, Tr Det B, Modified	4027001	3,670.000	Ft
0090	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0095	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0100	Dr Structure Cover, Type G	4030040	1.000	Ea
0105	Dr Structure Cover, Type J	4030045	23.000	Ea
0110	_ Dr Structure, 48 inch dia, leaching with 4 ft sump	4037050	23.000	Ea
0115	_ Underdrain, Subbase, 6 inch, Modified	4047001	1,000.000	Ft
0120	Cold Milling HMA Surface	5010002	850.000	Syd
0125	HMA Surface, Rem	5010005	28,470.000	Syd
0130	HMA, 3C	5010031	3,724.000	Ton
0135	HMA, 36A	5010034	215.000	Ton

0140	HMA Approach	5010061	305.000	Ton
0145	HMA, 5EML	5012037	2,500.000	Ton
0150	_ HMA Spillway	5017001	42.000	Ft
0155	_ Modular Block Retaining Wall (Small Block)	7067010	170.000	Sft
0160	_ Driveway Opening, Conc, Det M, Modified	8007001	160.000	Ft
0165	Driveway, Nonreinf Conc, 6 inch	8010005	91.000	Syd
0170	Curb and Gutter, Conc, Det B2	8020016	8,600.000	Ft
0175	Detectable Warning Surface	8030010	12.000	Ft
0180	Curb Ramp Opening, Conc	8030030	12.000	Ft
0185	Curb Ramp, Conc, 6 inch	8032002	75.000	Sft
0190	Guardrail, Type B	8070000	500.000	Ft
0195	Guardrail, Curved, Type B	8070010	100.000	Ft
0200	Guardrail Reflector	8070080	10.000	Ea
0205	Post, Mailbox	8070095	30.000	Ea
0210	_ Guardrail Buffered End Shoe	8077050	4.000	Ea
0215	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,350.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,500.000	Ft
0225	_ Pavt Mrkg, Waterborne, 24 Inch, Crosswalk	8117001	315.000	Ft
0230	_ Pavt Mrkg, Waterborne, 24 Inch, Stop Bar	8117001	22.000	Ft
0235	_ Pavt Mrkg, Waterborne, 6 Inch, Crosswalk	8117001	250.000	Ft
0240	_ Pavt Mrkg, Waterborne, Rt Turn Arrow	8117050	4.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0255	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0285	Sign, Type B, Temp, Prismatic, Furn	8120350	271.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	271.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	18.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	18.000	Sft
0305	Traf Regulator Control	8120370	1.000	LSUM
0310	Riprap, Plain	8130010	15.000	Syd
0315	Mulch Blanket	8160027	7,500.000	Syd
0320	Topsoil Surface, Salv, 4 inch	8160077	5,000.000	Syd
0325	_ Roadside Seeding	8167011	5,000.000	Syd
0330	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0335	Water Shutoff, Adj, Case 2	8230422	10.000	Ea
0340	Gate Box, Adj, Case 1	8230431	2.000	Ea
0345	Gate Box, Adj, Case 2	8230432	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 051**Letting Date:** November 4, 2022**Contract ID:** 21000-215213

Description: 7.66 mi of hot mix asphalt overlay and pavement markings on Robin G Road from Boney Falls H Road north and then east on Saint Nicholas 31st Road to just west of M-35, Delta County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215213A	22A0623	N/A	STL 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$99,000.00	1100001	1.000	LSUM
0010	Machine Grading	2050030	53.000	Sta
0015	Maintenance Gravel	3060020	15.000	Ton
0020	Approach, CI II	3070021	410.000	Ton
0025	Shld, CI II	3070121	2,000.000	Ton
0030	Cold Milling HMA Surface	5010002	1,146.000	Syd
0035	HMA Approach	5010061	179.000	Ton
0040	HMA, 4EL	5012024	11,107.000	Ton
0045	Pavt Mrkg, Waterborne, 4 inch, White	8110231	80,890.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	60,500.000	Ft
0055	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0060	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0065	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0075	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,578.000	Ft
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	549.000	Sft
0085	Sign, Type B, Temp, Prismatic, Oper	8120351	549.000	Sft
0090	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft
0095	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 221104 052**Letting Date:** November 4, 2022**Contract ID:** 63000-209489

Description: 1.20 mi of hot mix asphalt cold milling and resurfacing with full depth widening, concrete curb, gutter and sidewalk ramps, concrete replacement, drainage work, signing and pavement markings on Novi Road from 9 Mile Road to 10 Mile Road, from south of 10 Mile Road to north of 10 Mile Road and 10 Mile Road from west of Novi Road to east of Novi Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209489A	22A1110	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	100.000	Dlr
0010	Mobilization, Max \$410,100.00	1100001	1.000	LSUM
0015	_ Clearing, RCOC	2017011	617.000	Syd
0020	Tree, Rem, 19 inch to 36 inch	2020002	25.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	32.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0045	Dr Structure, Rem	2030011	4.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	473.000	Ft
0055	Curb and Gutter, Rem	2040020	595.000	Ft
0060	Guardrail, Rem	2040035	1,519.000	Ft
0065	Sidewalk, Rem	2040055	885.000	Syd
0070	Structures, Rem	2040060	1.000	LSUM
0075	_ Exploratory Investigation, Utility, Vertical, RCOC	2047001	100.000	Ft
0080	_ Fence, Rem, Modified	2047001	80.000	Ft
0085	_ Gas Utility, Rem	2047001	250.000	Ft
0090	_ Pavt, Rem, Modified	2047011	10,127.000	Syd
0095	_ Masonry and Conc Structure, Rem, Modified	2047051	1.000	LSUM
0100	Berm Grading	2050008	20.000	Sta
0105	Embankment, CIP	2050010	1,752.000	Cyd
0110	Excavation, Earth	2050016	4,350.000	Cyd
0115	_ Excavation, Earth, RCOC	2057011	2,522.000	Syd
0120	_ Subgrade Undercutting, 21AA	2057021	110.000	Cyd
0125	_ Erosion Control, Check Dam, Stone, RCOC	2087001	42.000	Ft
0130	_ Erosion Control, Silt Fence, RCOC	2087001	1,685.000	Ft

0135	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	26.000	Ea
0140	_ Erosion Control, Inlet Protection, Geotextile and Stone, RCOC	2087050	9.000	Ea
0145	Aggregate Base, Conditioning	3020050	5,110.000	Syd
0150	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	1,096.000	Syd
0155	_ Aggregate Base, 6 inch, 21AA, RCOC	3027011	184.000	Syd
0160	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	8,995.000	Syd
0165	Maintenance Gravel	3060020	700.000	Ton
0170	_ Shoulder, 21AA, 9 inch	3077011	1,461.000	Syd
0175	_ Shoulder, 21AA	3077031	193.000	Ton
0180	Geotextile, Separator	3080005	600.000	Syd
0185	Road Grade Biaxial Geogrid	3082002	1,440.000	Syd
0190	Culv End Sect, Conc, 12 inch	4010047	5.000	Ea
0195	Culv End Sect, Conc, 15 inch	4010048	3.000	Ea
0200	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0205	Culv End Sect, Footing	4010072	10.000	Ea
0210	Culv End Sect, Metal, 12 inch	4010094	6.000	Ea
0215	Culv End Sect, Metal, 42 inch	4010101	1.000	Ea
0220	_ Culv, CI A, CSP, 42 inch, RCOC	4017001	110.000	Ft
0225	_ Culv, CI F, CSP, 12 inch, RCOC	4017001	107.000	Ft
0230	Sewer, CI IV, 12 inch, Tr Det B	4020987	791.000	Ft
0235	Sewer, CI IV, 15 inch, Tr Det B	4020988	52.000	Ft
0240	Sewer, CI IV, 18 inch, Tr Det B	4020989	181.000	Ft
0245	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0250	Trench Undercut and Backfill	4021260	25.000	Cyd
0255	Video Taping Sewer and Culv Pipe	4021275	1,134.000	Ft
0260	Dr Structure Cover, Adj, Case 1	4030005	18.000	Ea
0265	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0270	Dr Structure Cover, Type B	4030010	9.000	Ea
0275	Dr Structure Cover, Type G	4030040	4.000	Ea
0280	Dr Structure Cover, Type J	4030045	20.000	Ea
0285	Dr Structure, 24 inch dia	4030200	2.000	Ea
0290	Dr Structure, 48 inch dia	4030210	11.000	Ea
0295	Dr Structure, 60 inch dia	4030220	1.000	Ea
0300	Dr Structure, 72 inch dia	4030230	1.000	Ea
0305	Dr Structure, Adj, Add Depth	4030280	46.000	Ft
0310	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0315	Dr Structure, Temp Lowering	4030390	1.000	Ea
0320	_ Public Utility Structure, Adj, Add Depth	4037001	6.000	Ft
0325	_ Public Utility Structure Cover	4037050	2.000	Ea
0330	_ Public Utility Structure Cover, Adj, Case 1	4037050	3.000	Ea
0335	_ Public Utility Structure, Temp Lowering	4037050	4.000	Ea
0340	_ Sediment Trap, 12 inch dia Outlet	4037050	3.000	Ea
0345	_ Sediment Trap, 18 inch dia Outlet	4037050	2.000	Ea
0350	Underdrain Outlet, 6 inch	4040093	230.000	Ft

0355	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0360	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	3,693.000	Ft
0365	HMA Surface, Rem	5010005	1,107.000	Syd
0370	HMA Patch, Rem	5010006	100.000	Syd
0375	Joint and Crack, Cleanout	5010015	1,500.000	Ft
0380	Pavt Joint and Crack Repr, Det 7	5010020	2,500.000	Ft
0385	Pavt Joint and Crack Repr, Det 8	5010021	1,500.000	Ft
0390	Hand Patching	5010025	307.000	Ton
0395	HMA, 3EML	5012013	1,382.000	Ton
0400	HMA, 5EML	5012037	4,871.000	Ton
0405	_ Joint, HMA Plane of Weakness	5017001	4,810.000	Ft
0410	_ Cold Milling Pavt	5017011	24,553.000	Syd
0415	_ HMA Approach (Commercial)	5017031	165.000	Ton
0420	_ HMA Approach (Residential)	5017031	38.000	Ton
0425	_ HMA Approach (Sidestreet)	5017031	186.000	Ton
0430	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0435	Conc Base Cse, Nonreinf, 8 inch	6020019	181.000	Syd
0440	Conc Pavt, Misc, Nonreinf, 11 inch	6020060	4,082.000	Syd
0445	Joint, Plane-of-Weakness, W	6020211	2,287.000	Ft
0450	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	826.000	Syd
0455	Joint, Contraction, Crg	6030020	418.000	Ft
0460	Lane Tie, Epoxy Anchored	6030030	1,814.000	Ea
0465	Steel Sheet Piling, Temp	7040002	417.000	Sft
0470	Curb and Gutter, Conc, Det B2	8020016	2,725.000	Ft
0475	Curb and Gutter, Conc, Det C4	8020023	517.000	Ft
0480	_ Curb and Gutter, Conc, Det C4, RCOC	8027001	56.000	Ft
0485	_ Driveway Opening, Conc, Det M, RCOC	8027001	645.000	Ft
0490	_ Spillway, Conc, RCOC	8027001	118.000	Ft
0495	Curb Ramp Opening, Conc	8030030	133.000	Ft
0500	Sidewalk, Conc, 4 inch	8030044	6,556.000	Sft
0505	Sidewalk, Conc, 6 inch	8030046	1,417.000	Sft
0510	Curb Ramp, Conc, 6 inch	8032002	1,503.000	Sft
0515	_ Detectable Warning Surface, RCOC	8037001	108.000	Ft
0520	Guardrail Reflector	8070080	13.000	Ea
0525	Post, Mailbox	8070095	3.000	Ea
0530	Guardrail, Type MGS-8, 72 inch Post	8072179	325.000	Ft
0535	Guardrail, Type MGS-8, 108 inch Post	8072180	213.000	Ft
0540	_ Guardrail Approach Terminal, Type 2M, MSKT	8077050	6.000	Ea
0545	Fence, Chain Link, 48 inch, Vinyl Coated	8082001	255.000	Ft
0550	Post, Steel, 3 pound	8100371	592.000	Ft
0555	Sign, Type II, Rem	8100397	2.000	Ea
0560	Sign, Type IIA	8100398	26.000	Sft
0565	Sign, Type III, Rem	8100403	40.000	Ea
0570	Sign, Type IIIA	8100404	27.000	Sft
0575	Sign, Type IIIB	8100405	140.000	Sft

0580	Sign, Type IIIC	8100406	16.000	Sft
0585	_ Post, Flexible, Delineator, RCOC	8107050	20.000	Ea
0590	_ Street Sign Post	8107050	5.000	Ea
0595	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,780.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	469.000	Ft
0605	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	16.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0615	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0620	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	26,450.000	Ft
0625	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	15,200.000	Ft
0630	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,600.000	Ft
0635	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,800.000	Ft
0640	Rem Curing Compound, for Spec Mrkg	8110321	933.000	Sft
0645	Rem Spec Mrkg	8110343	393.000	Sft
0650	_ Pavt Mrkg, Sprayable Thermopl, 8 Inch, White	8117001	600.000	Ft
0655	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	51.000	Ea
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	51.000	Ea
0665	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0670	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	155.000	Ea
0675	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	155.000	Ea
0680	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0685	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM
0695	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	13,500.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,250.000	Ft
0705	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,050.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	8,900.000	Ft
0715	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,920.000	Ft
0720	Plastic Drum, Fluorescent, Furn	8120252	475.000	Ea
0725	Plastic Drum, Fluorescent, Oper	8120253	475.000	Ea
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0735	Sign Cover	8120310	7.000	Ea
0740	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0745	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0750	Sign, Type A, Temp, Prismatic, Furn	8120340	215.000	Sft
0755	Sign, Type A, Temp, Prismatic, Oper	8120341	215.000	Sft
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	1,688.000	Sft
0765	Sign, Type B, Temp, Prismatic, Oper	8120351	1,688.000	Sft
0770	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,090.000	Sft
0775	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,090.000	Sft

0780	Traf Regulator Control	8120370	1.000	LSUM
0785	_ Riprap, Plain, RCOC	8137011	118.000	Syd
0790	_ Ditch, Plain Cobble, RCOC	8147011	28.000	Syd
0795	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	10,633.000	Syd
0800	Conduit, DB, 1, 1 1/4 inch	8182047	185.000	Ft
0805	Conduit, DB, 1, 3 inch	8182050	45.000	Ft
0810	Conduit, DB, 3, 3 inch	8182056	15.000	Ft
0815	Conduit, DB, 3, 4 inch	8182057	10.000	Ft
0820	Cable, Sec, Rem	8182199	65.000	Ft
0825	Cable Pole, Sec, Dismant	8182206	1.000	Ea
0830	Cable, Sec, 600V, 1, 3/C#6	8182238	90.000	Ft
0835	Hh, Rem	8182330	5.000	Ea
0840	Wood Pole, Rem	8182363	1.000	Ea
0845	Serv Disconnect	8182366	1.000	Ea
0850	Serv Disconnect, Rem	8182367	1.000	Ea
0855	_ Conduit, Directional Bore, 1, 4 inch, RCOC	8187001	205.000	Ft
0860	_ Conduit, Directional Bore, 2, 4 inch, RCOC	8187001	155.000	Ft
0865	_ Hh, Round, 2 foot Dia, RCOC	8187050	5.000	Ea
0870	_ Hh, Square, RCOC	8187050	1.000	Ea
0875	Case Sign, Rem	8200020	9.000	Ea
0880	Controller and Cabinet, Rem	8200030	2.000	Ea
0885	Controller Fdn, Base Mtd	8200045	1.000	Ea
0890	Digital Loop Detector	8200055	4.000	Ea
0895	Fdn, Rem	8200065	4.000	Ea
0900	Pedestal, Fdn	8200105	5.000	Ea
0905	Pushbutton and Sign	8200121	10.000	Ea
0910	Pushbutton, Rem	8200122	14.000	Ea
0915	Span Wire, Rem	8200141	1.000	Ea
0920	Steel Pole, Rem	8200145	4.000	Ea
0925	Traf Loop	8200170	16.000	Ea
0930	TS, Bracket Arm Mtd, Rem	8200175	4.000	Ea
0935	TS, Mast Arm Mtd, Rem	8200177	4.000	Ea
0940	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
0945	TS, Span Wire Mtd, Rem	8200182	3.000	Ea
0950	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	5.000	Ea
0955	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
0960	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0965	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0970	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0975	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0980	Bracket, Truss, With 12 Foot Arm	8200376	1.000	Ea
0985	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea

0990	Bracket, Truss, Rem	8200388	3.000	Ea
0995	Hemispherical Video Detection Camera	8200444	1.000	Ea
1000	Hemispherical Video Detection System	8200445	1.000	Ea
1005	TS Head, Temp	8200453	6.000	Ea
1010	TS Face, Bag	8200458	30.000	Ea
1015	TS Face, Bag, Rem	8200459	30.000	Ea
1020	Casing	8200480	25.000	Ft
1025	Mast Arm Pole, Cat III	8202012	2.000	Ea
1030	Mast Arm, 25 foot, Cat III	8202028	1.000	Ea
1035	Mast Arm, 30 foot, Cat III	8202029	1.000	Ea
1040	Mast Arm, 45 foot, Cat III	8202032	1.000	Ea
1045	Mast Arm, 50 foot, Cat III	8202033	1.000	Ea
1050	_ Mast Arm Pole Fdn, 6 Bolt, RCOC	8207001	32.000	Ft
1055	_ Backplate, TS, RCOC	8207050	13.000	Ea
1060	_ Cabinet, ITS Type, Delivered, RCOC	8207050	2.000	Ea
1065	_ Cabinet, ITS Type, RCOC	8207050	2.000	Ea
1070	_ Camera, Traffic Monitoring, RCOC	8207050	1.000	Ea
1075	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	1.000	Ea
1080	_ Controller, Digital Type, Delivered, SCATS, RCOC	8207050	2.000	Ea
1085	_ Optical Priority Control System, Infrared, RCOC	8207050	1.000	Ea
1090	_ Pedestal, Alum, RCOC	8207050	5.000	Ea
1095	_ Pushbutton Support Post, RCOC	8207050	9.000	Ea
1100	_ Pushbutton Support Post, Rem, RCOC	8207050	10.000	Ea
1105	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1110	_ Span Wire, Box, Rem, RCOC	8207050	1.000	Ea
1115	_ Street Name Sign, Non-Illuminated, Bracket Arm, RCOC	8207050	1.000	Ea
1120	_ Street Name Sign, Non-Illuminated, Two Way, 6 foot, RCOC	8207050	1.000	Ea
1125	_ Street Name Sign, Non-Illuminated, Two Way, 8 foot, RCOC	8207050	1.000	Ea
1130	_ TS, One Way Pedestal Mtd, FYA (LED)	8207050	1.000	Ea
1135	_ Video Traffic Detection Camera, Rem, RCOC	8207050	4.000	Ea
1140	Monument Box Adj	8210005	1.000	Ea
1145	_ Fire Hydrant Relocation, Method C	8237050	3.000	Ea
1150	_ Fire Hydrant Relocation, Method D	8237050	1.000	Ea
1155	_ Fire Hydrant, Special (City of Novi)	8237050	4.000	Ea
1160	_ Sprinkler Line	8507001	1,000.000	Ft
1165	_ Sprinkler Head, Relocate	8507050	50.000	Ea
1170	_ Sprinkler Head, Replace	8507050	50.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 221104 053

Letting Date: November 4, 2022

Contract ID: 41000-214068

Description: Signal modernization including strain poles, base mounted signal controller, pedestal mounted pushbutton and concrete sidewalk ramps on Burton Street at multiple intersections in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214068A	22A0966	N/A	HSIP 41000
214598A	22A0969	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$69,600.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0015	Curb and Gutter, Rem	2040020	330.000	Ft
0020	Sidewalk, Rem	2040055	292.000	Syd
0025	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0030	Aggregate Base, 8 inch	3020020	54.000	Syd
0035	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0040	HMA Surface, Rem	5010005	218.000	Syd
0045	Hand Patching	5010025	38.000	Ton
0050	Curb and Gutter, Conc, Det F4	8020038	78.000	Ft
0055	_ Rolled Curb and Gutter, (18) x (10) Pan, Per Detail P-5B	8027001	94.000	Ft
0060	_ Median Island End Treatment, Per Detail P-5D	8027050	2.000	Ea
0065	Detectable Warning Surface	8030010	160.000	Ft
0070	Curb Ramp Opening, Conc	8030030	485.000	Ft
0075	Curb Ramp, Conc, 6 inch	8032002	2,985.000	Sft
0080	Post, Steel, 3 pound	8100371	182.000	Ft
0085	Sign, Type III, Rem	8100403	27.000	Ea
0090	Sign, Type IIIB	8100405	97.000	Sft
0095	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	620.000	Ft
0100	Recessing Pavt Mrkg, Transv	8110451	286.000	Sft
0105	Pavt Mrkg, Preformed Thermopl, 12 inch, Crosswalk	8112079	96.000	Ft
0110	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	95.000	Ft
0115	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea

0130	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0135	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	100.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	100.000	Sft
0155	Slope Restoration, Non-Freeway, Type F	8162006	54.000	Syd
0160	_ Turf Establishment	8167011	79.000	Syd
0165	Conduit, Rem	8182000	91.000	Ft
0170	Conduit, DB, 1, 1 1/2 inch	8182048	210.000	Ft
0175	Conduit, DB, 3, 3 inch	8182056	160.000	Ft
0180	Cable, Sec, 600V, 1, 3/C#6	8182238	500.000	Ft
0185	Hh, Round	8182310	2.000	Ea
0190	Hh, Round, 3 foot dia	8182319	3.000	Ea
0195	Hh, Rem	8182330	14.000	Ea
0200	Wood Pole, Rem	8182363	3.000	Ea
0205	Serv Disconnect	8182366	5.000	Ea
0210	_ Conductor, IMSA 3C #14 CU	8197001	95.000	Ft
0215	_ Conduit, Directional Bored, Schedule 40 PVC, (1) 1 1/2 Inch	8197001	70.000	Ft
0220	_ Riser, Secondary, (1) 1 1/2 Inch	8197001	1.000	Ft
0225	_ Handhole, Precast Concrete 24 Inch Diameter x 36 Inch Deep	8197050	3.000	Ea
0230	Case Sign, Rem	8200020	33.000	Ea
0235	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
0240	Controller and Cabinet, Rem	8200030	5.000	Ea
0245	Controller Fdn, Base Mtd	8200045	4.000	Ea
0250	Controller Fdn, Rem	8200046	1.000	Ea
0255	Global Positioning System Module, Rem	8200053	2.000	Ea
0260	Digital Loop Detector	8200055	1.000	Ea
0265	Louver	8200080	3.000	Ea
0270	Pedestal, Alum	8200100	2.000	Ea
0275	Pedestal, Fdn	8200105	2.000	Ea
0280	Pedestal Fdn, Rem	8200106	3.000	Ea
0285	Pedestal, Rem	8200110	3.000	Ea
0290	Pushbutton and Sign	8200121	4.000	Ea
0295	Pushbutton, Rem	8200122	2.000	Ea
0300	Span Wire	8200140	19.000	Ea
0305	Span Wire, Rem	8200141	19.000	Ea
0310	Span Wire Tether	8200142	19.000	Ea
0315	Strain Pole, Steel, Anchor Base, 30 foot	8200155	5.000	Ea
0320	Strain Pole, Steel, Anchor Base, 36 foot	8200157	1.000	Ea
0325	Strain Pole, Steel, Anchor Fdn	8200165	6.000	Ea
0330	Traf Loop	8200170	2.000	Ea
0335	TS, Bracket Arm Mtd, Rem	8200175	13.000	Ea
0340	TS, Mast Arm Mtd, Rem	8200177	12.000	Ea

0345	TS, Pedestal Mtd, Rem	8200179	4.000	Ea
0350	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	13.000	Ea
0355	TS, Span Wire Mtd, Rem	8200182	54.000	Ea
0360	TS, One Way Span Wire Mtd, Salv	8200191	4.000	Ea
0365	TS, Pedestrian, Two Way Bracket Arm Mtd, Salv	8200228	13.000	Ea
0370	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
0375	TS, One Way Span Wire Mtd (LED)	8200313	29.000	Ea
0380	TS, One Way Span Wire Mtd, FYA (LED)	8200314	12.000	Ea
0385	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	9.000	Ea
0390	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0395	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	16.000	Ea
0400	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0405	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0410	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0415	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0420	Video Traf Detection System, Rem	8200383	1.000	Ea
0425	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0430	Bracket, Truss, Rem	8200388	1.000	Ea
0435	Hemispherical Video Detection Camera	8200444	1.000	Ea
0440	Hemispherical Video Detection System	8200445	2.000	Ea
0445	Hemispherical Video Detection Camera, Rem	8200446	1.000	Ea
0450	Casing	8200480	54.000	Ft
0455	Backplate, TS	8200501	50.000	Ea
0460	_ Cabinet, NEMA Type, Modified	8207050	5.000	Ea
0465	_ Controller, NEMA, ATC Type, Modified	8207050	5.000	Ea
0470	_ Flsh Beacon, Rectangular Rapid	8207050	2.000	Ea
0475	_ Steel Pole Mounting Hub	8207050	33.000	Ea
0480	_ Street Name Sign, One Way, Non-Illuminated	8207050	1.000	Ea
0485	_ Street Name Sign, Two Way, Non-Illuminated	8207050	34.000	Ea
0490	_ Wood Pole Mounting Hub	8207050	14.000	Ea



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 054**Letting Date:** November 4, 2022**Contract ID:** 38000-213875

Description: 5.93 mi of tree and stump removal from the clear zone, signing upgrades and recessed pavement markings on Stony Lake Road from Taylorfield Road to M-50, Seymour Road from Trumble Road (east intersection) to Wooster Road and Race Road from Ann Arbor Road to Seymour Road, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213875A	22A0942	N/A	HRRR 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$59,400.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.000	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	85.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	37.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	52.000	Ea
0030	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0035	Guardrail, Rem	2040035	1,185.000	Ft
0040	Guardrail, Type MGS-8	8070004	775.000	Ft
0045	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0050	Guardrail Reflector	8070080	42.000	Ea
0055	Post, Steel, 3 pound	8100371	2,566.000	Ft
0060	Post, Wood, 4 inch by 6 inch	8100380	312.000	Ft
0065	Sign, Type III, Rem	8100403	133.000	Ea
0070	Sign, Type IIIA	8100404	278.000	Sft
0075	Sign, Type IIIB	8100405	917.000	Sft
0080	Sign, Type V, Rem	8100421	7.000	Ea
0085	Sign, Type VB	8100425	117.000	Sft
0090	Reflective Panel for Permanent Sign Support, 6 foot	8100616	113.000	Ea
0095	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	132.000	Ft
0100	Rem Spec Mrkg	8110343	100.000	Sft
0105	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0110	Recessing Pavt Mrkg, Longit	8110450	82,240.000	Ft
0115	Recessing Pavt Mrkg, Transv	8110451	100.000	Sft
0120	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, White	8112000	20,400.000	Ft
0125	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, Yellow	8112003	18,250.000	Ft

0130	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	42,365.000	Ft
0135	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	39,875.000	Ft
0140	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	20,400.000	Ft
0145	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	18,250.000	Ft
0150	Scarification, for Polyurea Spec Mrkg	8112159	278.000	Sft
0155	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	326.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	326.000	Ea
0165	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0175	Minor Traf Devices	8120170	1.000	LSUM
0180	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0185	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	1,266.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	1,266.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	Slope Restoration, Non-Freeway, Type C	8162003	358.000	Syd



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 055**Letting Date:** November 4, 2022**Contract ID:** 21000-214984

Description: 3.82 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Maple Ridge 37th Road (County Road 432) from the west Delta County line to M-35, Delta County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214984A	22A0609	N/A	STL 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$53,400.00	1100001	1.000	LSUM
0010	Maintenance Gravel	3060020	15.000	Ton
0015	Approach, CI II	3070021	240.000	Ton
0020	Shld, CI II	3070121	1,000.000	Ton
0025	Cold Milling HMA Surface	5010002	1,800.000	Syd
0030	HMA Approach	5010061	225.000	Ton
0035	HMA, 4EL	5012024	5,850.000	Ton
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	40,300.000	Ft
0045	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	30,250.000	Ft
0050	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0055	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	807.000	Ft
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	517.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	517.000	Sft
0085	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	10.000	Sft
0090	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	10.000	Sft
0095	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 221104 056**Letting Date:** November 4, 2022**Contract ID:** 43000-214439

Description: 1.53 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on 56th Street from east of Mac Road to east of 60th Street, Lake County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214439A	22A0699	N/A	HIC 43000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$30,800.00	1100001	1.000	LSUM
0010	Approach, CI II	3070021	50.000	Ton
0015	Shld, CI II	3070121	1,500.000	Ton
0020	Cold Milling HMA Surface	5010002	22,715.000	Syd
0025	HMA, 4EL	5012024	2,150.000	Ton
0030	Curb Slp, HMA	8050010	300.000	Ft
0035	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,690.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,890.000	Ft
0045	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	80.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	80.000	Ea
0055	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,150.000	Ft
0075	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0080	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0095	Traf Regulator Control	8120370	1.000	LSUM
0100	Monument Box	8210001	2.000	Ea
0105	Monument Preservation	8210010	2.000	Ea



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 057**Letting Date:** November 4, 2022**Contract ID:** 38000-211855

Description: 0.10 mi of construction of compact roundabout including hot mix asphalt, decorative concrete pavement, curb and gutter, sewer work and pavement markings on Springport Road at Rives Junction Road, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211855A	22A1051	N/A	HSIP 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$50,600.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.230	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Curb and Gutter, Rem	2040020	1,563.000	Ft
0035	Pavt, Rem	2040050	50.000	Syd
0040	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0045	_ Machine Grading, Modified	2057002	12.000	Sta
0050	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0055	Aggregate Base	3020001	150.000	Ton
0060	HMA Base Crushing and Shaping	3050002	4,131.000	Syd
0065	Shld, CI II	3070121	102.000	Ton
0070	Geotextile, Stabilization	3080010	2,000.000	Syd
0075	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0080	Sewer, CI A, 12 inch, Tr Det A	4020004	109.000	Ft
0085	Dr Structure Cover, Type J	4030045	3.000	Ea
0090	Dr Structure, 24 inch dia	4030200	1.000	Ea
0095	Dr Structure, 48 inch dia	4030210	2.000	Ea
0100	Cold Milling HMA Surface	5010002	1,112.000	Syd
0105	Hand Patching	5010025	10.000	Ton
0110	HMA Approach	5010061	10.000	Ton
0115	HMA, 3EL	5012012	936.000	Ton
0120	HMA, 5EML, High Stress	5012085	625.000	Ton
0125	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	1,095.000	Syd
0130	Curb, Conc, Det E1	8020001	79.000	Ft
0135	Curb and Gutter, Conc, Det B2	8020016	1,336.000	Ft

0140	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0145	Spillway, Conc	8020075	24.000	Ft
0150	_ Curb and Gutter, Conc, Det D2, Modified, Central	8027001	192.000	Ft
0155	_ Curb and Gutter, Conc, Det D2, Modified, Splitter	8027001	1,167.000	Ft
0160	Post, Mailbox	8070095	1.000	Ea
0165	Post Hole Through Conc for Steel Post	8100340	18.000	Ea
0170	Post, Steel, 3 pound	8100371	504.000	Ft
0175	Sign, Type III, Rem	8100403	16.000	Ea
0180	Sign, Type IIIA	8100404	48.000	Sft
0185	Sign, Type IIIB	8100405	150.000	Sft
0190	Reflective Panel for Permanent Sign Support, 6 foot	8100616	18.000	Ea
0195	_ Flexible Channelization Device	8107050	9.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	180.000	Ft
0205	Pavt Mrkg, Polyurea, Yield	8110103	3.000	Ea
0210	Recessing Pavt Mrkg, Longit	8110450	6,777.000	Ft
0215	Recessing Pavt Mrkg, Transv	8110451	804.000	Sft
0220	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	2,679.000	Ft
0225	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	92.000	Ft
0230	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	42.000	Ft
0235	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	2,621.000	Ft
0240	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	1,343.000	Ft
0245	_ Pavt Mrkg, Polyurea, Special Arrow, Sym	8117050	3.000	Ea
0250	_ Pavt Mrkg, Polyurea, Speed Warning	8117050	3.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	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	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0285	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0290	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0295	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	255.000	Sft
0305	Sign, Type B, Temp, Prismatic, Oper	8120351	255.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	135.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	135.000	Sft
0320	Riprap, Plain	8130010	50.000	Syd
0325	Slope Restoration, Non-Freeway, Type B	8162002	3,500.000	Syd
0330	Conduit, Schedule 40, 2 inch	8182133	250.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 221104 058

Letting Date: November 4, 2022

Contract ID: 38000-210343

Description: 0.22 mi of hot mix asphalt reconstruction of a roundabout, concrete curb and gutter, storm sewer, signing and pavement markings on Dearing Road at McCain Road, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210343A	22A1002	N/A	STL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$67,900.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0015	Tree, Rem, 6 inch to 18 inch	2020004	30.000	Ea
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0025	Curb and Gutter, Rem	2040020	973.000	Ft
0030	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0035	_ Machine Grading, Modified	2057002	19.000	Sta
0040	Erosion Control, Silt Fence	2080036	1,391.000	Ft
0045	Aggregate Base	3020001	300.000	Ton
0050	HMA Base Crushing and Shaping	3050002	4,090.000	Syd
0055	Approach, CI I, 4 inch	3070006	114.000	Syd
0060	Shld, CI II	3070121	167.000	Ton
0065	Geotextile, Stabilization	3080010	3,000.000	Syd
0070	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0075	Sewer, CI A, 12 inch, Tr Det A	4020004	368.000	Ft
0080	Dr Structure Cover, Type J	4030045	6.000	Ea
0085	Dr Structure, 24 inch dia	4030200	4.000	Ea
0090	Dr Structure, 48 inch dia	4030210	2.000	Ea
0095	Cold Milling HMA Surface	5010002	2,123.000	Syd
0100	HMA Surface, Rem	5010005	232.000	Syd
0105	Hand Patching	5010025	10.000	Ton
0110	HMA Approach	5010061	25.000	Ton
0115	HMA, 3EL	5012012	772.000	Ton
0120	HMA, 5EML, High Stress	5012085	721.000	Ton
0125	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	1,513.000	Syd
0130	Curb, Conc, Det E1	8020001	392.000	Ft
0135	Curb and Gutter, Conc, Det B2	8020016	1,163.000	Ft

0140	_ Curb and Gutter, Conc, Det D2, Modified, Central	8027001	497.000	Ft
0145	_ Curb and Gutter, Conc, Det D2, Modified, Splitter	8027001	1,588.000	Ft
0150	Post, Mailbox	8070095	5.000	Ea
0155	Post Hole Through Conc for Steel Post	8100340	24.000	Ea
0160	Post, Steel, 3 pound	8100371	672.000	Ft
0165	Sign, Type III, Rem	8100403	35.000	Ea
0170	Sign, Type IIIA	8100404	64.000	Sft
0175	Sign, Type IIIB	8100405	200.000	Sft
0180	Reflective Panel for Permanent Sign Support, 6 foot	8100616	24.000	Ea
0185	_ Flexible Channelization Device	8107050	12.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	68.000	Ft
0195	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	206.000	Ft
0200	Pavt Mrkg, Polyurea, Yield	8110103	4.000	Ea
0205	Rem Spec Mrkg	8110343	100.000	Sft
0210	Recessing Pavt Mrkg, Longit	8110450	8,758.000	Ft
0215	Recessing Pavt Mrkg, Transv	8110451	1,070.000	Sft
0220	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	3,652.000	Ft
0225	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	101.000	Ft
0230	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	48.000	Ft
0235	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	2,897.000	Ft
0240	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	2,054.000	Ft
0245	_ Pavt Mrkg, Polyurea, Special Arrow, Sym	8117050	4.000	Ea
0250	_ Pavt Mrkg, Polyurea, Speed Warning	8117050	4.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	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	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0285	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0290	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0295	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	420.000	Sft
0305	Sign, Type B, Temp, Prismatic, Oper	8120351	420.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	316.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	316.000	Sft
0320	Riprap, Plain	8130010	50.000	Syd
0325	Slope Restoration, Non-Freeway, Type B	8162002	3,671.000	Syd
0330	Conduit, Schedule 40, 2 inch	8182133	250.000	Ft
0335	Monument Box	8210001	1.000	Ea
0340	Monument Preservation	8210010	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 059**Letting Date:** November 4, 2022**Contract ID:** 13000-212736

Description: 0.94 mi of hot mix asphalt base crush, shape and resurface, signing, storm sewer, bridge deck repair and pavement markings on River Street/Haven Road from South Superior Street (M-199) to the east city limits of Albion in the city of Albion, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212736A	22A0915	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$106,600.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	24.000	Ea
0015	Tree, Rem, 37 inch or Larger	2020003	7.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	15.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0030	Dr Structure, Rem	2030011	8.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	870.000	Ft
0040	Curb and Gutter, Rem	2040020	1,000.000	Ft
0045	Fence, Rem	2040025	100.000	Ft
0050	Guardrail, Rem	2040035	150.000	Ft
0055	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0060	Pavt, Rem	2040050	545.000	Syd
0065	Sidewalk, Rem	2040055	150.000	Syd
0070	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0075	_ Machine Grading, Modified	2057002	39.000	Sta
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0085	Erosion Control, Silt Fence	2080036	200.000	Ft
0090	Subbase, CIP	3010002	2,350.000	Cyd
0095	_ Aggregate Base 6 inch, Modified	3027011	370.000	Syd
0100	_ Aggregate Base, 8 inch, Modified	3027011	4,200.000	Syd
0105	HMA Base Crushing and Shaping	3050002	12,890.000	Syd
0110	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0115	Approach, CI II	3070021	75.000	Ton
0120	Shld, CI II, 4 inch	3070126	1,315.000	Syd
0125	Trenching	3070200	78.000	Sta
0130	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0135	Culv End Sect, Conc, 18 inch	4010049	4.000	Ea

0140	Culv, CI E, Conc, 18 inch	4010575	96.000	Ft
0145	Culv, CI F, 12 inch	4010607	500.000	Ft
0150	Sewer, CI E, 12 inch, Tr Det B	4020600	430.000	Ft
0155	Sewer, CI E, 18 inch, Tr Det B	4020602	270.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0165	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0170	Dr Structure Cover, Type B	4030010	2.000	Ea
0175	Dr Structure Cover, Type D	4030025	3.000	Ea
0180	Dr Structure Cover, Type E	4030035	3.000	Ea
0185	Dr Structure Cover, Type Q	4030065	6.000	Ea
0190	Dr Structure, 24 inch dia	4030200	4.000	Ea
0195	Dr Structure, 48 inch dia	4030210	2.000	Ea
0200	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0205	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0210	Underdrain, Subgrade, 6 inch	4040073	2,750.000	Ft
0215	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0220	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0225	HMA Surface, Rem	5010005	200.000	Syd
0230	Pavt for Butt Joints, Rem	5010008	80.000	Syd
0235	HMA Approach	5010061	100.000	Ton
0240	HMA, 4EL	5012024	3,790.000	Ton
0245	Driveway, Nonreinf Conc, 6 inch	8010005	450.000	Syd
0250	Curb and Gutter, Conc, Det C4	8020023	945.000	Ft
0255	Detectable Warning Surface	8030010	45.000	Ft
0260	Curb Ramp Opening, Conc	8030030	45.000	Ft
0265	Sidewalk, Conc, 4 inch	8030044	400.000	Sft
0270	Curb Ramp, Conc, 6 inch	8032002	675.000	Sft
0275	Curb Slp, HMA	8050010	2,750.000	Ft
0280	Guardrail, Type B	8070000	13.000	Ft
0285	Guardrail, Type MGS-8	8070004	75.000	Ft
0290	Guardrail, Curved, Type B	8070010	25.000	Ft
0295	Guardrail Anch, Bridge, Det T3	8070024	1.000	Ea
0300	Guardrail Anch, Bridge, Det T4	8070025	3.000	Ea
0305	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0310	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0315	Guardrail Reflector	8070080	36.000	Ea
0320	Post, Mailbox	8070095	19.000	Ea
0325	_ Bollard, Relocate	8077050	2.000	Ea
0330	Post, Steel, 3 pound	8100371	1,130.000	Ft
0335	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0340	Sign, Type III, Rem	8100403	106.000	Ea
0345	Sign, Type IIIA	8100404	138.000	Sft
0350	Sign, Type IIIB	8100405	146.000	Sft
0355	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	60.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft

0365	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,550.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,600.000	Ft
0375	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0385	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0395	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0400	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0405	Sign, Type B, Temp, Prismatic, Furn	8120350	421.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	421.000	Sft
0415	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	81.000	Sft
0420	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	81.000	Sft
0425	Traf Regulator Control	8120370	1.000	LSUM
0430	Riprap, Plain	8130010	40.000	Syd
0435	Topsoil Surface, Salv, 3 inch	8160076	14,000.000	Syd
0440	Slope Restoration, Non-Freeway, Type A	8162001	12,000.000	Syd
0445	Slope Restoration, Non-Freeway, Type B	8162002	2,000.000	Syd
0450	Gate Valve and Box, 6 inch	8230051	5.000	Ea
0455	Hydrant, Relocate, Case 2	8230096	5.000	Ea
0460	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0465	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0470	Gate Box, Adj, Case 1	8230431	3.000	Ea
0475	Gate Box, Adj, Case 2	8230432	1.000	Ea

Section: 2

0480	Reinforcement, Steel, Epoxy Coated	7060092	150.000	Lb
0485	Hand Chipping, Shallow	7120003	25.000	Syd
0490	Hand Chipping, Deep	7120004	5.000	Syd
0495	Hand Chipping, Other Than Deck	7120007	100.000	Cft
0500	Patch, Forming	7120017	190.000	Sft
0505	Epoxy Ovly	7120020	400.000	Syd
0510	Patching Conc, C-L	7120112	10.000	Cyd
0515	Embedded Galvanic Anode	7120120	132.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 060**Letting Date:** November 4, 2022**Contract ID:** 03000-209762

Description: 0.36 mi of hot mix asphalt cold milling and resurfacing, add turn lane, concrete curb, gutter, sidewalk and ramps and pavement markings on 109th Avenue at 56th Street, Allegan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209762A	22A0967	N/A	CM 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$79,500.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0015	Tree, Rem, 37 inch or Larger	2020003	6.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0025	Dr Structure, Rem	2030011	18.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	2,486.000	Ft
0035	Guardrail, Rem	2040035	184.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	100.000	Cyd
0045	Sidewalk, Rem	2040055	153.000	Syd
0050	_ Pavt, Rem Modified	2047011	100.000	Syd
0055	Embankment, CIP	2050010	500.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0070	Erosion Control, Silt Fence	2080036	300.000	Ft
0075	Project Cleanup	2090001	1.000	LSUM
0080	Subbase, CIP	3010002	1,100.000	Cyd
0085	Aggregate Base, 8 inch	3020020	950.000	Syd
0090	Approach, CI II	3070021	253.000	Ton
0095	Geotextile, Stabilization	3080010	1,000.000	Syd
0100	Sewer, CI E, 12 inch, Tr Det B	4020600	613.000	Ft
0105	Sewer, CI E, 18 inch, Tr Det B	4020602	146.000	Ft
0110	Sewer, CI E, 24 inch, Tr Det B	4020603	114.000	Ft
0115	Sewer, CI E, 18 inch, Tr Det C	4020632	559.000	Ft
0120	Sewer, CI E, 24 inch, Tr Det C	4020633	349.000	Ft
0125	Sewer, CI E, 18 inch, Tr Det D	4020662	214.000	Ft
0130	Sewer Tap, 18 inch	4021206	2.000	Ea
0135	Video Taping Sewer and Culv Pipe	4021275	1,995.000	Ft

0140	Dr Structure Cover, Type B	4030010	1.000	Ea
0145	Dr Structure Cover, Type K	4030050	30.000	Ea
0150	Dr Structure, 24 inch dia	4030200	14.000	Ea
0155	Dr Structure, 48 inch dia	4030210	3.000	Ea
0160	Dr Structure, 60 inch dia	4030220	13.000	Ea
0165	Dr Structure, 72 inch dia	4030230	1.000	Ea
0170	Underdrain, Subgrade, 6 inch	4040073	3,475.000	Ft
0175	Underdrain Outlet, 6 inch	4040093	248.000	Ft
0180	Cold Milling HMA Surface	5010002	8,900.000	Syd
0185	HMA, 4EML	5012025	1,350.000	Ton
0190	HMA, 5EML	5012037	850.000	Ton
0195	_ HMA Surface Rem, Mod	5017011	1,800.000	Syd
0200	Curb and Gutter, Conc, Det F4	8020038	2,660.000	Ft
0205	Driveway Opening, Conc, Det M	8020050	815.000	Ft
0210	Detectable Warning Surface	8030010	105.000	Ft
0215	Curb Ramp Opening, Conc	8030030	60.000	Ft
0220	Sidewalk, Conc, 4 inch	8030044	1,700.000	Sft
0225	Sidewalk, Conc, 6 inch	8030046	1,065.000	Sft
0230	Curb Ramp, Conc, 4 inch	8032001	552.000	Sft
0235	Post, Mailbox	8070095	8.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	400.000	Ft
0245	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,450.000	Ft
0255	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,170.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0270	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0275	Minor Traf Devices	8120170	1.000	LSUM
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	140.000	Ft
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	170.000	Ft
0290	Plastic Drum, Fluorescent, Furn	8120252	46.000	Ea
0295	Plastic Drum, Fluorescent, Oper	8120253	46.000	Ea
0300	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0305	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	728.000	Sft
0315	Sign, Type B, Temp, Prismatic, Oper	8120351	728.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	198.000	Sft
0325	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	198.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0335	Topsoil Surface, Furn, 3 inch	8160061	405.000	Syd
0340	Topsoil Surface, Salv, LM	8160086	200.000	Cyd
0345	Slope Restoration, Non-Freeway, Type A	8162001	1,903.000	Syd

0350	Slope Restoration, Non-Freeway, Type C	8162003	211.000	Syd
0355	_ Monument Box Adjust, Modified	8217050	2.000	Ea
0360	Contractor Staking	8240001	1.000	LSUM
0365	Staking Plan Errors and Extras, Max \$180/hour	8240002	40.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 221104 061**Letting Date:** November 4, 2022**Contract ID:** 25000-214017

Description: 0.97 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs and pavement markings on Beecher Road from Graham Road east to Ballenger Highway, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214017A	22A0862	N/A	HSIP 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$58,500	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	479.000	Ft
0015	Guardrail, Rem	2040035	204.000	Ft
0020	_ Pavt, Rem, Modified	2047011	844.000	Syd
0025	Excavation, Earth	2050016	900.000	Cyd
0030	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	37.000	Ea
0040	Erosion Control, Silt Fence	2080036	100.000	Ft
0045	_ Aggregate Base, 4 inch, Modified	3027031	51.000	Ton
0050	_ Maintenance Gravel, Modified	3067031	100.000	Ton
0055	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0060	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0065	_ Adjusting Sanitary Sewer Manhole Cover, Case 1, Special	4037050	7.000	Ea
0070	Cold Milling HMA Surface	5010002	10,345.000	Syd
0075	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0080	Pavt Joint and Crack Repr, Det 8	5010021	500.000	Ft
0085	Hand Patching	5010025	100.000	Ton
0090	HMA, 3EML	5012013	615.000	Ton
0095	HMA, 4EML	5012025	2,435.000	Ton
0100	_ HMA Driveway, Special	5017011	100.000	Syd
0105	Joint, Contraction, Cp	6020200	650.000	Ft
0110	Cold Milling Conc Pavt	6030014	10,595.000	Syd
0115	Lane Tie, Epoxy Anchored	6030030	350.000	Ea
0120	Pavt Repr, Nonreinf Conc, 8 inch	6030044	774.000	Syd
0125	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	100.000	Syd
0130	Curb and Gutter, Conc, Det C4	8020023	467.000	Ft
0135	Sidewalk, Conc, 4 inch	8030044	120.000	Sft

0140	Post, Mailbox	8070095	2.000	Ea
0145	Post, Steel, 3 pound	8100371	780.000	Ft
0150	Sign, Type III, Rem	8100403	26.000	Ea
0155	Sign, Type IIIB	8100405	207.000	Sft
0160	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	180.000	Ft
0165	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,500.000	Ft
0175	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,285.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,500.000	Ft
0185	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	16,285.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0205	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0215	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0225	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,690.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	17,820.000	Ft
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0255	_ Turf Establishment, Performance	8167011	3,000.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 221104 062

Letting Date: November 4, 2022

Contract ID: 38000-215587

Description: 2.60 mi of hot mix asphalt overlay, culverts, and pavement markings on Holibaugh Road from the north village limits of Springport to the north Jackson County Line, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215587A	22A0931	N/A	STL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$62,300.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Culv, End, Rem, Less than 24 inch	2030005	6.000	Ea
0025	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0030	Pavt, Rem	2040050	22.000	Syd
0035	Ditch Cleanout	2050006	1.000	Sta
0040	Embankment, CIP	2050010	250.000	Cyd
0045	Erosion Control, Silt Fence	2080036	250.000	Ft
0050	Aggregate Base, 6 inch	3020016	220.000	Syd
0055	Approach, CI I	3070001	182.000	Ton
0060	Approach, CI II , Modified	3070021	20.000	Ton
0065	Shld, CI II	3070121	802.000	Ton
0070	Geotextile, Separator	3080005	60.000	Syd
0075	Culv End Sect, 15 inch	4010015	2.000	Ea
0080	Culv, CI A, 12 inch	4010131	48.000	Ft
0085	Culv, CI A, 15 inch	4010132	100.000	Ft
0090	Culv, CI A, 48 inch	4010138	72.000	Ft
0095	HMA Surface, Rem	5010005	220.000	Syd
0100	Pavt for Butt Joints, Rem	5010008	721.000	Syd
0105	Hand Patching	5010025	80.000	Ton
0110	HMA Approach	5010061	152.000	Ton
0115	HMA, 5EL	5012036	4,184.000	Ton
0120	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	50.000	Ft
0125	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,460.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,397.000	Ft
0135	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	27,460.000	Ft

0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	18,397.000	Ft
0145	Recessing Pavt Mrkg, Transv	8110451	100.000	Sft
0150	Scarification, for Polyurea Spec Mrkg	8112159	100.000	Sft
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0175	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0180	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0185	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,432.000	Ft
0195	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0200	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	867.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	867.000	Sft
0215	Traf Regulator Control	8120370	1.000	LSUM
0220	Riprap, Plain	8130010	60.000	Syd
0225	_ Rock Ramp, Modified	8137021	80.000	Cyd
0230	Slope Restoration, Non-Freeway, Type B	8162002	100.000	Syd
0235	Monument Box Adj	8210005	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 063**Letting Date:** November 4, 2022**Contract ID:** 38000-211779**Description:** Upgrade horizontal curve delineation signing and install radar activated flashing border stop signs on various routes, Jackson County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211779A	22A1048	N/A	HSIP 38000
211851A	22A1031	N/A	HSIP 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$23,000.00	1100001	1.000	LSUM
0010	Post, Steel, 3 pound	8100371	19,971.000	Ft
0015	Sign, Type III, Erect, Salv	8100402	83.000	Ea
0020	Sign, Type III, Rem	8100403	808.000	Ea
0025	Sign, Type IIIA	8100404	163.000	Sft
0030	Sign, Type IIIB	8100405	8,865.000	Sft
0035	Sign, Type V, Rem	8100421	127.000	Ea
0040	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1,716.000	Ea
0045	_ Flashing LED Border Sign, Solar	8107050	26.000	Ea
0050	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	364.000	Ft
0055	Rem Spec Mrkg	8110343	100.000	Sft
0060	Scarification, for Polyurea Spec Mrkg	8112159	100.000	Sft
0065	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0075	Minor Traf Devices	8120170	1.000	LSUM
0080	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0085	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	243.000	Sft
0095	Sign, Type B, Temp, Prismatic, Oper	8120351	243.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 221104 064

Letting Date: November 4, 2022

Contract ID: 50000-208756

Description: 17.74 mi of installation of fiber optic cable for traffic signal system on various routes, Macomb County.
This is a Local agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208756A	22A0851	N/A	CPMG 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Grand Trunk Western	1027060	9,000.000	Dlr
0010	Mobilization, Max \$225,500.00	1100001	1.000	LSUM
0015	Sidewalk, Rem	2040055	67.000	Syd
0020	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0025	Sidewalk, Conc, 4 inch	8030044	603.000	Sft
0030	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0035	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0045	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0055	Minor Traf Devices	8120170	1.000	LSUM
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	294.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	294.000	Sft
0070	_ Turf Establishment, Performance	8167011	1,506.000	Syd
0075	Conduit, Directional Bore, 1, 3 inch	8182035	1,238.000	Ft
0080	Conduit, Directional Bore, 2, 3 inch	8182037	44,987.000	Ft
0085	Conduit, DB, 1, 3 inch	8182050	635.000	Ft
0090	Conduit, DB, 2, 3 inch	8182053	175.000	Ft
0095	Hh, Round	8182310	89.000	Ea
0100	Hh, Round, 3 foot dia	8182319	24.000	Ea
0105	Wood Pole, Rem	8182363	1.000	Ea
0110	Wood Pole, Fit Up, TS Cable Pole	8182387	6.000	Ea
0115	Span Wire, Rem	8200141	16.000	Ea
0120	_ Fiber Optic, Cable, SMF, 12F, Misc To Cabinet	8207001	8,580.000	Ft
0125	_ Fiber Optic, Cable, SMF, 48F, Misc To Cabinet	8207001	200.000	Ft
0130	_ Fiber Optic, Cable, SMF, 72F, Existing Conduit	8207001	19,306.000	Ft
0135	_ Fiber Optic, Cable, SMF, 72F, Misc To Cabinet	8207001	50.000	Ft

0140	_ Fiber Optic, Cable, SMF, 72F/288F, Existing Conduit	8207001	32,039.000	Ft
0145	_ Fiber Optic, Cable, SMF, 72F/288F, Rem and Salv	8207001	720.000	Ft
0150	_ Fiber Optic, Cable, SMF, 72F/72F, Misc to Splice End	8207001	2,300.000	Ft
0155	_ Fiber Optic, Cable, SMF, 72F/72F, New Conduit	8207001	44,625.000	Ft
0160	_ Fiber Optic, Cable, SMF, 72T/48T/12T, Rem and Salv	8207001	150.000	Ft
0165	_ Fiber Optic, Cable, SMF, 72F/72F, Rem and Salv	8207001	2,050.000	Ft
0170	_ Fiber Optic, Hardware Assembly, Aerial, 12T, Rem and Salv	8267050	1.000	Ea
0175	_ Fiber Optic, Hardware Assembly, Aerial, 144T	8267050	3.000	Ea
0180	_ Fiber Optic, Hardware Assembly, Aerial, 144T, Rem and Salv	8267050	3.000	Ea
0185	_ Fiber Optic, Hardware Assembly, Aerial, 72T, Rem and Salv	8267050	3.000	Ea
0190	_ Fiber Optic, Hardware Assembly, Cabinet, 12T	8267050	2.000	Ea
0195	_ Fiber Optic, Hardware Assembly, Cabinet, 12T, SFF	8267050	56.000	Ea
0200	_ Fiber Optic, Hardware Assembly, Cabinet, 72T	8267050	1.000	Ea
0205	_ Fiber Optic, Hardware Assembly, Underground, 12T	8267050	50.000	Ea
0210	_ Fiber Optic, Hardware Assembly, Underground, 144T, Install Salv	8267050	1.000	Ea
0215	_ Fiber Optic, Hardware Assembly, Underground, 144T, MCDR Furn	8267050	5.000	Ea
0220	_ Fiber Optic, Hardware Assembly, Underground, 288T	8267050	2.000	Ea
0225	_ Fiber Optic, Hardware Assembly, Underground, 288T, MCDR Furn	8267050	5.000	Ea
0230	_ Fiber Optic, Hardware Assembly, Underground, 72T, Install Salv	8267050	1.000	Ea
0235	_ Fiber Optic, Marker, Above Ground, Modified	8267050	169.000	Ea
0240	_ Fiber Optic, Pigtail, Modified	8267050	396.000	Ea
0245	_ Fiber Optic, Splice	8267050	1,146.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 221104 065**Letting Date:** November 4, 2022**Contract ID:** 06073-204377

Description: 8.13 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, drainage and culvert rehabilitation including culvert joint and crack sealing and riprap placement and pavement markings on US-23 from South Point Lookout Road north to the north Arenac County line and US-23 over Dime Drain, Whitney Drain, and Silver Drain, Arenac and Iosco Counties. This project includes a 5 year high friction thin epoxy polymer Bridge Deck overlay warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204377A	22A1011	N/A	NH 06073
210092A	22A1027	N/A	NH 06073

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$634,500.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	8.000	Ea
0015	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0035	Curb and Gutter, Rem	2040020	522.000	Ft
0040	Guardrail, Rem	2040035	1,378.000	Ft
0045	Pavt, Rem	2040050	5,251.000	Syd
0050	Ditch Cleanout	2050006	87.000	Sta
0055	Embankment, CIP	2050010	145.000	Cyd
0060	Excavation, Earth	2050016	4,085.000	Cyd
0065	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0075	Erosion Control, Check Dam, Stone	2080012	682.000	Ft
0080	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0085	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0090	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0095	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0100	Erosion Control, Sediment Trap	2080034	49.000	Ea
0105	Erosion Control, Silt Fence	2080036	10,359.000	Ft
0110	Subbase, CIP	3010002	2,104.000	Cyd
0115	Aggregate Base, 6 inch	3020016	3,658.000	Syd
0120	Driveway Maintenance, Commercial	3062000	3.000	Ea

0125	Intersection Maintenance	3062002	12.000	Ea
0130	Approach, CI I, 6 inch	3070008	2,555.000	Syd
0135	Approach, CI II	3070021	2,329.000	Ton
0140	Shld, CI II	3070121	1,737.000	Ton
0145	Culv End Sect, 15 inch	4010015	6.000	Ea
0150	Culv End Sect, 24 inch	4010024	1.000	Ea
0155	Culv, CI F, 15 inch	4010608	300.000	Ft
0160	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	6.000	Ea
0165	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0170	Sewer, CI A, 24 inch, Tr Det A	4020007	12.000	Ft
0175	Sewer, CI A, 24 inch, Tr Det B	4020036	34.000	Ft
0180	Sewer, CI E, 18 inch, Tr Det B	4020602	353.000	Ft
0185	Video Taping Sewer and Culv Pipe	4021275	364.000	Ft
0190	_ Culv Cleanout	4027001	4,204.000	Ft
0195	Dr Structure Cover, Type B	4030010	1.000	Ea
0200	Dr Structure Cover, Type J	4030045	1.000	Ea
0205	Dr Structure, 48 inch dia	4030210	1.000	Ea
0210	Dr Structure, 84 inch dia	4030231	1.000	Ea
0215	Cold Milling HMA Surface	5010002	198,200.000	Syd
0220	Bump Grinding	5010004	200.000	Syd
0225	HMA Surface, Rem	5010005	4,779.000	Syd
0230	HMA Quality Initiative	5010007	67,078.000	Dlr
0235	Longit Joint Density Quality Initiative	5010018	266,200.000	Dlr
0240	Pavt Joint and Crack Repr, Det 7	5010020	5,323.000	Ft
0245	Pavt Joint and Crack Repr, Det 8	5010021	5,323.000	Ft
0250	Hand Patching	5010025	889.000	Ton
0255	HMA Approach	5010061	2,135.000	Ton
0260	HMA, 3EML	5012013	512.000	Ton
0265	HMA, 4EML	5012025	13,323.000	Ton
0270	HMA, 5EML	5012037	16,680.000	Ton
0275	_ Ride Incentive	5017060	57,675.000	Dlr
0280	Driveway, Nonreinf Conc, 6 inch	8010005	222.000	Syd
0285	Curb, Conc, Det E2	8020002	75.000	Ft
0290	Curb and Gutter, Conc, Det B2	8020016	1,271.000	Ft
0295	Driveway Opening, Conc, Det M	8020050	164.000	Ft
0300	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0305	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0310	Spillway, Conc	8020075	7.000	Ft
0315	Curb and Gutter, Bridge Approach, Det 2	8022011	148.000	Ft
0320	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0325	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0330	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0335	Guardrail Departing Terminal, Type B	8070050	5.000	Ea
0340	Guardrail Departing Terminal, Type T	8070051	4.000	Ea
0345	Guardrail Reflector	8070080	78.000	Ea

0350	Post, Mailbox	8070095	370.000	Ea
0355	Guardrail Anch, Bridge, Det A3	8070150	1.000	Ea
0360	Guardrail Anch, Bridge, Det A5	8070152	2.000	Ea
0365	Guardrail Anch Bridge, Det T1, Curved	8072063	1.000	Ea
0370	Guardrail, Curved, Type T, 84 inch Post	8072143	77.000	Ft
0375	Guardrail, Curved, Type B-CRT	8072154	125.000	Ft
0380	Guardrail, Type B, 72 inch Post	8072171	79.000	Ft
0385	Guardrail, Type MGS-8, 72 inch Post	8072179	1,006.000	Ft
0390	_ Guardrail Anch, Bridge, Det A4, Curved	8077050	5.000	Ea
0395	_ Hand Digging Guardrail Post	8077050	56.000	Ea
0400	Delineator Reflector, Green	8100133	47.000	Ea
0405	Fdn, Wood Support, Rem	8100280	22.000	Ea
0410	Installing MDOT Supplied Sign, Type III	8100302	17.000	Ea
0415	Post, Rigid, Delineator	8100361	47.000	Ea
0420	Post, Steel, 3 pound	8100371	3,355.000	Ft
0425	Post, Wood, 4 inch by 6 inch	8100380	484.000	Ft
0430	Sign, Type II, Rem	8100397	16.000	Ea
0435	Sign, Type IIA	8100398	333.000	Sft
0440	Sign, Type III, Rem	8100403	262.000	Ea
0445	Sign, Type IIIA	8100404	234.000	Sft
0450	Sign, Type IIIB	8100405	504.000	Sft
0455	Sign, Type VB	8100425	56.000	Sft
0460	Reflective Panel for Permanent Sign Support, 6 foot	8100616	30.000	Ea
0465	Ground Mtd Sign Support, Rem	8102010	259.000	Ea
0470	_ Hand Digging Sign Post	8107050	100.000	Ea
0475	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0480	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0485	Recessing Pavt Mrkg, Longit	8110450	109,232.000	Ft
0490	Pavt Mrkg, Modified Epoxy, 6 inch, White	8112238	84,574.000	Ft
0495	Pavt Mrkg, Modified Epoxy, 6 inch, Yellow	8112242	24,658.000	Ft
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0505	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0510	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0515	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0520	Conc Barrier Ending, Temp, Det 2, Adj	8120040	6.000	Ea
0525	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0530	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0535	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	4.000	Ea
0540	Conc Barrier, Temp, Adj	8120080	508.000	Ft
0545	Conc Barrier, Temp, Furn	8120081	202.000	Ft
0550	Conc Barrier, Temp, Oper	8120082	202.000	Ft
0555	Conc Barrier, Temp, Relocated	8120083	306.000	Ft
0560	Lighted Arrow, Type C, Furn	8120140	3.000	Ea

0565	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0570	Minor Traf Devices	8120170	1.000	LSUM
0575	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,221.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	15,478.000	Ft
0585	Plastic Drum, Fluorescent, Furn	8120252	565.000	Ea
0590	Plastic Drum, Fluorescent, Oper	8120253	565.000	Ea
0595	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	44.000	Ft
0600	PTS System, Temp, Furn	8120270	2.000	Ea
0605	PTS System, Temp, Oper	8120271	2.000	Ea
0610	Sign Cover	8120310	10.000	Ea
0615	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0620	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0625	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0630	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0635	Sign, Type B, Temp, Prismatic, Furn	8120350	792.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	792.000	Sft
0645	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	158.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	158.000	Sft
0655	Traf Regulator Control	8120370	1.000	LSUM
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	4,540.000	Ft
0665	Rumble Strip, Temp, Portable, Furn	8122188	48.000	Ea
0670	Rumble Strip, Temp, Portable, Oper	8122189	48.000	Ea
0675	Riprap, Plain	8130010	101.000	Syd
0680	Slope Restoration, Non-Freeway, Type E	8162005	57,236.000	Syd
0685	Centerline Corrugations, Milled, HMA	8220013	36,618.000	Ft
0690	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	75,682.000	Ft
0695	Gate Box, Adj, Case 1	8230431	1.000	Ea
0700	Contractor Staking	8240001	1.000	LSUM
0705	Staking Plan Errors and Extras, Max \$180/hour	8240002	67.000	Hr

Section: 2

0710	Clearing	2010001	0.200	Acre
0715	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0720	_ Culvert Joint and Crack Sealing (B03 of 06073)	4017051	1.000	LSUM
0725	HMA Patch, Rem	5010006	2.000	Syd
0730	_ Resealing Longit Joints with Polyurethane	6037001	1.000	Ft
0735	_ Resealing Trans Joints with Polyurethane	6037001	130.000	Ft
0740	Reinforcement, Steel, Epoxy Coated	7060092	300.000	Lb
0745	_ Spray Applied Waterproofing Membrane	7107011	81.000	Syd
0750	Hand Chipping, Other Than Deck	7120007	72.000	Cft
0755	Patch, Forming	7120017	72.000	Sft

0760	Epoxy Ovly, Rem	7120021	770.000	Syd
0765	Patching Conc, C-L	7120112	3.000	Cyd
0770	_ Deck, Scaling	7127010	96.000	Sft
0775	_ Rapid-Setting Polymer Conc, 2 inch to 4 inch	7127010	520.000	Sft
0780	_ High Friction Epoxy Ovly, Warranty	7127011	700.000	Syd
0785	_ Riprap, Spec, Class II	8137011	10.000	Syd



10/13/2022 3:30 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 221104 066**Letting Date:** November 4, 2022**Contract ID:** 54021-204214

Description: 5.75 mi of hot mix asphalt cold milling and resurfacing, joint repairs, concrete curb, gutter and sidewalk, safety improvements, traffic signal installation and pavement markings on US-131BR from US-131 easterly to State Street, Old US-131 from south of 14 Mile Road northerly to north of Maple Street and M-20 from State Street easterly to west of Bronson Avenue in the city of Big Rapids, Mecosta County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204214A	22A1010	N/A	ST 54021
214052A	N/A	N/A	M 54011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$350,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	851.000	Ft
0015	Pavt, Rem	2040050	476.000	Syd
0020	Sidewalk, Rem	2040055	304.000	Syd
0025	Exploratory Investigation, Vertical	2040080	40.000	Ft
0030	Excavation, Earth	2050016	945.000	Cyd
0035	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0040	_ Embankment, CIP, Spec	2057021	236.000	Cyd
0045	Erosion Control, Check Dam, Stone	2080012	32.000	Ft
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0055	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0060	Erosion Control, Sediment Trap	2080034	2.000	Ea
0065	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	Subbase, CIP	3010002	495.000	Cyd
0075	Aggregate Base, 6 inch	3020016	538.000	Syd
0080	Sewer, Cl A, 12 inch, Tr Det B	4020033	10.000	Ft
0085	Dr Structure Cover, Adj, Case 1, Modified	4030004	8.000	Ea
0090	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0095	Dr Structure Cover, Type B	4030010	2.000	Ea
0100	Dr Structure Cover, Type K	4030050	1.000	Ea
0105	Dr Structure, 24 inch dia	4030200	1.000	Ea
0110	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0115	Cold Milling HMA Surface	5010002	211,385.000	Syd
0120	Bump Grinding	5010004	450.000	Syd

0125	HMA Surface, Rem	5010005	123.000	Syd
0130	HMA Quality Initiative	5010007	35,324.000	Dlr
0135	Longit Joint Density Quality Initiative	5010018	207,568.000	Dlr
0140	Pavt Joint and Crack Repr, Det 8	5010021	5,464.000	Ft
0145	Hand Patching	5010025	606.000	Ton
0150	HMA Approach	5010061	1,192.000	Ton
0155	HMA, 5EML	5012037	15,864.000	Ton
0160	Curb, Conc, Det E4	8020004	6.000	Ft
0165	Curb and Gutter, Conc, Det F4	8020038	635.000	Ft
0170	Driveway Opening, Conc, Det M	8020050	137.000	Ft
0175	Curb Ramp Opening, Conc	8030030	208.000	Ft
0180	Sidewalk, Conc, 4 inch	8030044	889.000	Sft
0185	Sidewalk, Conc, 6 inch	8030046	164.000	Sft
0190	Curb Ramp, Conc, 6 inch	8032002	842.000	Sft
0195	_ Detectable Warning Surface, Metal	8037001	189.000	Ft
0200	_ Sidewalk, Brickwork	8037010	1,165.000	Sft
0205	_ Sidewalk, Brickwork, Rem	8037010	1,011.000	Sft
0210	Fence, Protective	8080007	100.000	Ft
0215	Post, Steel, 3 pound	8100371	48.000	Ft
0220	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0225	Sign, Type III, Rem	8100403	1.000	Ea
0230	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0235	Ground Mtd Sign Support, Rem	8102010	4.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	33.000	Ea
0245	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	1.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	9.000	Ea
0255	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	3.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0265	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0275	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,766.000	Ft
0280	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	1,050.000	Ft
0285	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	2,242.000	Ft
0290	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0295	Recessing Pavt Mrkg, Longit	8110450	93,026.000	Ft
0300	Recessing Pavt Mrkg, Transv	8110451	6,112.000	Sft
0305	Recessing Pavt Mrkg, Guide Line	8110453	336.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	336.000	Ft
0315	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	35,072.000	Ft
0320	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	57,954.000	Ft
0325	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea

0335	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0340	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0345	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	155.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	155.000	Ea
0355	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0365	Ltg for Night Work	8120160	1.000	LSUM
0370	Minor Traf Devices	8120170	1.000	LSUM
0375	Sign Cover	8120310	20.000	Ea
0380	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0385	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0390	Sign, Type A, Temp, Prismatic, Furn	8120340	25.000	Sft
0395	Sign, Type A, Temp, Prismatic, Oper	8120341	25.000	Sft
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	1,184.000	Sft
0405	Sign, Type B, Temp, Prismatic, Oper	8120351	1,184.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0415	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	51,547.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	13,578.000	Ft
0425	Pedestrian Path, Temp	8122250	100.000	Ft
0430	Pedestrian Ramp, Temp	8122251	4.000	Ea
0435	Slope Restoration, Non-Freeway, Type A	8162001	632.000	Syd
0440	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	225.000	Ft
0445	Conduit, DB, 1, 1 1/2 inch	8182048	10.000	Ft
0450	Conduit, DB, 1, 3 inch	8182050	560.000	Ft
0455	Conduit, DB, 3, 3 inch	8182056	40.000	Ft
0460	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0465	Cable, Sec, 600V, 1, 3/C#6	8182238	100.000	Ft
0470	Hh, Polymer Conc	8182309	2.000	Ea
0475	Hh, Round	8182310	7.000	Ea
0480	Hh, Round, 3 foot dia	8182319	1.000	Ea
0485	Serv Disconnect	8182366	1.000	Ea
0490	_ Conduit, DB, 1, 1 inch	8187001	15.000	Ft
0495	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0500	Controller Fdn, Base Mtd	8200045	1.000	Ea
0505	Flash Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0510	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0515	Span Wire	8200140	3.000	Ea
0520	Span Wire Tether	8200142	3.000	Ea
0525	Traf Loop	8200170	10.000	Ea
0530	Cabinet, NEMA Type	8200186	1.000	Ea
0535	Warning Sign	8200260	2.000	Ea
0540	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea

0545	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0550	Wireless Vehicle Sensor Node	8200425	25.000	Ea
0555	Wireless Vehicle Sensor Node, Rem	8200426	25.000	Ea
0560	Hemispherical Video Detection Camera	8200444	1.000	Ea
0565	Hemispherical Video Detection System	8200445	1.000	Ea
0570	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
0575	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
0580	Strain Pole Fdn, 6 Bolt	8200470	55.000	Ft
0585	Casing	8200480	33.000	Ft
0590	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0595	Backplate, TS	8200501	6.000	Ea
0600	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0605	Monument Box	8210001	3.000	Ea
0610	Monument Preservation	8210010	1.000	Ea
0615	Protect Corners	8210020	7.000	Ea
0620	Gate Box, Reconst, Case 1	8230411	1.000	Ea
0625	Gate Box, Adj, Case 1	8230431	3.000	Ea
0630	_ Monitoring Well, Adj	8237050	5.000	Ea
0635	Contractor Staking	8240001	1.000	LSUM
0640	Staking Plan Errors and Extras, Max \$180/hour	8240002	37.000	Hr
0645	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0650	Lightning Protection, Pole	8260021	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 221104 067

Letting Date: November 4, 2022

Contract ID: 28011-211394

Description: 2.07 mi of full depth concrete pavement repair, polyurethane joint resealing, expansion joint replacement, partial depth asphalt mastic pavement joint repair and pavement markings on US-31 from M-37 to Beitner Road and US-31 from north of the south Manistee County line to south of Stronach Road, Manistee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211394A	22A1064	N/A	ST 28011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$98,000.00	1100001	1.000	LSUM
0010	Hand Patching	5010025	15.000	Ton
0015	_ Asphalt Repr Mastic	5027001	400.000	Ft
0020	Joint, Contraction, Cp	6020200	537.000	Ft
0025	Cement	6030005	40.000	Ton
0030	Joint, Contraction, Crg	6030020	5,202.000	Ft
0035	Joint, Expansion, Erg	6030021	1,049.000	Ft
0040	Joint, Expansion, Esc	6030022	385.000	Ft
0045	Joint, Tied, Trg	6030023	1,010.000	Ft
0050	Lane Tie, Epoxy Anchored	6030030	365.000	Ea
0055	Non-Chloride Accelerator	6030035	40.000	Gal
0060	Pavt Repr, Rem	6030080	3,334.000	Syd
0065	Saw Cut, Intermediate	6030090	2,047.000	Ft
0070	_ Resealing Longit Joints with Polyurethane	6037001	18,000.000	Ft
0075	_ Resealing Trans Joints with Polyurethane	6037001	12,317.000	Ft
0080	_ Pavt Patching Conc, Spec	6037021	1,057.000	Cyd
0085	Pavt Mrkg, Waterborne, 6 inch, White	8110233	17,786.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,224.000	Ft
0095	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	17,786.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	2,224.000	Ft
0105	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0110	Recessing Pavt Mrkg, Longit	8110450	26,910.000	Ft
0115	Recessing Pavt Mrkg, Transv	8110451	919.000	Sft
0120	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, White	8117001	4,300.000	Ft
0125	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, Yellow	8117001	2,600.000	Ft

0130	_ Pavt Mrkg, Durable Spec Mrkg, 24 inch, Stop Bar	8117001	210.000	Ft
0135	_ Pavt Mrkg, Durable Spec Mrkg, 6 inch, Crosswalk	8117001	750.000	Ft
0140	_ Pavt Mrkg, Durable Spec Mrkg, Lt Turn Arrow Sym	8117050	1.000	Ea
0145	_ Pavt Mrkg, Durable Spec Mrkg, Rt Turn Arrow Sym	8117050	1.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	130.000	Ea
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	130.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0165	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Ltg for Night Work	8120160	1.000	LSUM
0175	Minor Traf Devices	8120170	1.000	LSUM
0180	Mobile Attenuator	8120180	1.000	Ea
0185	Pavt Mrkg Cover, Type R, Black	8120200	5,500.000	Ft
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,950.000	Ft
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,050.000	Ft
0200	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0205	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0210	Sign Cover	8120310	28.000	Ea
0215	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	1,830.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,830.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	TS, Temp, Furn	8120400	2.000	Ea
0245	TS, Temp, Oper	8120401	2.000	Ea
0250	Temp Rumble Strips (Orange), Stop Condition	8122186	1,440.000	Ft
0255	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0260	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0265	TS Face, Bag	8200458	21.000	Ea
0270	TS Face, Bag, Rem	8200459	21.000	Ea
0275	Monument Box	8210001	3.000	Ea
0280	Monument Preservation	8210010	3.000	Ea