



Schedule of Pay Items

Report v1

Letting Call: 201106 001

Letting Date: November 6, 2020

Contract ID: 44032-130021

Description: 9.23 mi of hot mix asphalt cold milling and overlay, joint repairs, drainage, guardrail, signing and pavement markings on M-53 from Deanville Road northerly to the south city limits of Marlette, Lapeer and Sanilac Counties. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130021A	20A1132	N/A	NH 44032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$595,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	9.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	12.000	Ea
0050	Curb and Gutter, Rem	2040020	560.000	Ft
0060	Guardrail, Rem	2040035	3,930.000	Ft
0070	Pavt, Rem	2040050	346.000	Syd
0080	Exploratory Investigation, Vertical	2040080	30.000	Ft
0090	Ditch Cleanout	2050006	9.000	Sta
0100	Embankment, CIP	2050010	438.000	Cyd
0110	Excavation, Earth	2050016	1,289.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	15.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	85.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0160	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0170	Erosion Control, Sediment Trap	2080034	6.000	Ea
0180	Erosion Control, Silt Fence	2080036	3,055.000	Ft
0190	Subbase, CIP	3010002	415.000	Cyd
0200	Aggregate Base, 6 inch	3020016	2,089.000	Syd
0210	Aggregate Base, 8 inch	3020020	1,860.000	Syd
0220	Maintenance Gravel	3060020	200.000	Ton
0230	Trenching	3070200	11.000	Sta
0240	_ Approach, CI II, Modified	3077031	1,111.000	Ton
0250	_ Shoulder, CI II, Modified	3077031	21,958.000	Ton
0260	Culv End Sect, 15 inch	4010015	1.000	Ea

0270	Culv End Sect, 18 inch	4010018	10.000	Ea
0280	Culv, CI E, 15 inch	4010540	8.000	Ft
0290	Culv, CI F, 12 inch	4010607	200.000	Ft
0300	Culv, CI F, 18 inch	4010609	200.000	Ft
0310	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	6.000	Ea
0320	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	4.000	Ea
0330	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0340	Culv, Slp End Sect, 1 on 4, 48 inch, Transv	4010934	2.000	Ea
0350	Dr Marker Post	4011109	48.000	Ea
0360	_ Culv Cleanout	4017001	1,476.000	Ft
0370	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0380	Underdrain, Subbase, 6 inch	4040063	215.000	Ft
0390	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0400	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0410	Pavt, Cleaning	5010001	1.000	LSUM
0420	Cold Milling HMA Surface	5010002	201,310.000	Syd
0430	Bump Grinding	5010004	500.000	Syd
0440	HMA Surface, Rem	5010005	3,508.000	Syd
0450	HMA Quality Initiative	5010007	84,378.000	Dlr
0460	Longitudinal Joint Density Quality Initiative	5010018	134,800.000	Dlr
0470	Hand Patching	5010025	1,228.000	Ton
0480	HMA, 4E3	5010051	20,592.000	Ton
0490	HMA, 5E3	5010057	15,921.000	Ton
0500	HMA Approach	5010061	1,746.000	Ton
0510	HMA, 4E3, High Stress	5010509	1,289.000	Ton
0520	HMA, 5E3, High Stress	5010515	1,145.000	Ton
0530	HMA Approach, High Stress	5010520	268.000	Ton
0540	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	7,800.000	Ft
0550	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	7,800.000	Ft
0560	_ Ride Incentive	5017060	77,000.000	Dlr
0570	Driveway, Nonreinf Conc, 6 inch	8010005	344.000	Syd
0580	Curb and Gutter, Conc, Det B1	8020015	215.000	Ft
0590	Curb and Gutter, Conc, Det B2	8020016	665.000	Ft
0600	Driveway Opening, Conc, Det M	8020050	295.000	Ft
0610	Shoulder Gutter, Conc, Det 2	8020056	3.000	Ea
0620	Spillway, Conc	8020075	22.000	Ft
0630	Curb Sloped, HMA	8050010	3,411.000	Ft
0640	Guardrail, Type MGS-8	8070004	2,864.000	Ft
0650	Guardrail, Curved, Type B	8070010	176.000	Ft
0660	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0670	Guardrail Approach Terminal, Type 2M	8070044	13.000	Ea
0680	Guardrail Departing Terminal, Type B	8070050	7.000	Ea
0690	Guardrail Reflector	8070080	140.000	Ea
0700	Post, Mailbox	8070095	90.000	Ea
0710	_ Guardrail Long Span, Det MGS-1	8077050	2.000	Ea

0720	_ Guardrail Long Span, Det MGS-3	8077050	2.000	Ea
0730	Delineator Reflector, Green	8100133	22.000	Ea
0740	Post, Rigid, Delineator	8100361	22.000	Ea
0750	Post, Steel, 3 lb	8100371	411.000	Ft
0760	Post, Wood, 4 inch by 6 inch	8100380	72.000	Ft
0770	Post, Wood, 6 inch by 8 inch	8100382	60.000	Ft
0780	Sign, Type II, Erect, Salv	8100396	4.000	Ea
0790	Sign, Type II, Rem	8100397	4.000	Ea
0800	Sign, Type IIB	8100399	20.000	Sft
0810	Sign, Type III, Erect, Salv	8100402	41.000	Ea
0820	Sign, Type III, Rem	8100403	43.000	Ea
0830	Sign, Type IIIB	8100405	15.000	Sft
0840	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	110.000	Ft
0850	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	169.000	Ft
0860	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	4.000	Ea
0870	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0880	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0890	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0900	Recessing Pavt Mrkg, Longit	8110450	144,985.000	Ft
0910	Recessing Pavt Mrkg, Transv	8110451	906.000	Sft
0920	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	6,003.000	Ft
0930	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	95,038.000	Ft
0940	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	43,944.000	Ft
0950	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0960	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0970	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0980	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0990	Ltg for Night Work	8120160	1.000	LSUM
1000	Minor Traf Devices	8120170	1.000	LSUM
1010	Mobile Attenuator	8120180	2.000	Ea
1020	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,100.000	Ft
1030	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	40.000	Ft
1040	Plastic Drum, Fluorescent, Furn	8120252	575.000	Ea
1050	Plastic Drum, Fluorescent, Oper	8120253	575.000	Ea
1060	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	88.000	Ft
1070	Sign Cover	8120310	20.000	Ea
1080	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1090	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1100	Sign, Type A, Temp, Prismatic, Furn	8120340	25.000	Sft
1110	Sign, Type A, Temp, Prismatic, Oper	8120341	25.000	Sft
1120	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft

1130	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
1140	Traf Regulator Control	8120370	1.000	LSUM
1150	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	14,200.000	Ft
1160	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	12,200.000	Ft
1170	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	8,200.000	Ft
1180	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	7,600.000	Ft
1190	_ Temp Rumble Strips (Orange)	8127050	24.000	Ea
1200	Riprap, Plain	8130010	175.000	Syd
1210	_ HMA Spillway	8147011	99.000	Syd
1220	_ Turf Establishment, Performance	8167011	33,394.000	Syd
1230	TS Face, Bag	8200458	4.000	Ea
1240	TS Face, Bag, Rem	8200459	4.000	Ea
1250	Monument Box	8210001	13.000	Ea
1260	Monument Preservation	8210010	12.000	Ea
1270	Protect Corners	8210020	5.000	Ea
1280	Centerline Corrugations, Milled, HMA	8220013	47,500.000	Ft
1290	Contractor Staking, Road Only	8240007	1.000	LSUM
1300	Staking Plan Errors and Extras, One Person	8240020	50.000	Hr
1310	Staking Plan Errors and Extras, Two Person	8240021	20.000	Hr
1320	Staking Plan Errors and Extras, Three Person	8240022	30.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 201106 002

Letting Date: November 6, 2020

Contract ID: 35012-209094

Description: 15.21 mi of curve signing upgrades on US-31, M-72, M-65 and US-131BR, Wexford, Iosco and Grand Traverse Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209094A	20A1094	N/A	HSIP 35012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$8,200.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	607.000	Ft
0030	Sign, Type III, Rem	8100403	116.000	Ea
0040	Sign, Type IIIB	8100405	3,180.000	Sft
0050	Reflective Panel for Permanent Sign Support, 6 foot	8100616	602.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	144.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	144.000	Sft
0110	Contractor Staking, Road Only	8240007	1.000	LSUM
0120	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0130	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0140	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

**Schedule of Pay Items**

Report v1

Letting Call: 201106 003**Letting Date:** November 6, 2020**Contract ID:** 28021-210293**Description:** 0.21 mi of high friction surface treatment and pavement markings on M-113 at Vans Lane and M-22 at River Road in the city of Frankfort, Benzie and Grand Traverse Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210293A	20A1090	N/A	HSIP 28021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,800.00	1500001	1.000	LSUM
0020	High Friction Surface Treatment	5060800	3,593.000	Syd
0030	Pavt Mrkg, Polyurea, Xing	8110102	2.000	Ea
0040	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	50.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,170.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,060.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,170.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,060.000	Ft
0090	Rem Spec Mrkg	8110343	206.000	Sft
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,230.000	Ft
0140	Sign Cover	8120310	2.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	320.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 004

Letting Date: November 6, 2020

Contract ID: 07023-204311

Description: 4.49 mi of hot mix asphalt reconstruction, aggregate grade lift, concrete curb and gutter, culverts, drainage, guardrail, concrete approach slabs and pavement markings on US-41 from Pine Street to east of Tioga Creek, Baraga County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204311A	20A1153	N/A	NH 07023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$609,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0040	Curb and Gutter, Rem	2040020	326.000	Ft
0050	Guardrail, Rem	2040035	7,483.000	Ft
0060	Pavt, Rem	2040050	21,337.000	Syd
0070	Embankment, CIP	2050010	9,290.000	Cyd
0080	Excavation, Earth	2050016	25,140.000	Cyd
0090	Granular Material, CI II	2050023	200.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0120	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0140	Erosion Control, Maintenance, Sediment Removal	2080026	70.000	Cyd
0150	Erosion Control, Silt Fence	2080036	5,000.000	Ft
0160	Subbase, CIP	3010002	21,662.000	Cyd
0170	Aggregate Base	3020001	85,984.000	Ton
0180	Approach, CI I	3070001	317.000	Ton
0190	Approach, CI II	3070021	619.000	Ton
0200	Shoulder, CI II	3070121	1,628.000	Ton
0210	Culv, CI F, 18 inch	4010609	170.000	Ft
0220	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	8.000	Ea
0230	Dr Marker Post	4011109	8.000	Ea
0240	_ Culv Cleanout	4017001	447.000	Ft
0250	Underdrain, Subbase, 6 inch	4040063	346.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0270	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea

0280	Bump Grinding	5010004	100.000	Syd
0290	HMA Surface, Rem	5010005	36,745.000	Syd
0300	HMA Quality Initiative	5010007	49,882.000	Dlr
0310	Longitudinal Joint Density Quality Initiative	5010018	141,780.000	Dlr
0320	Hand Patching	5010025	50.000	Ton
0330	HMA, 4E3	5010051	11,586.000	Ton
0340	HMA, 5E3	5010057	5,169.000	Ton
0350	HMA Approach	5010061	172.000	Ton
0360	HMA, LVSP	5010703	9,303.000	Ton
0370	HMA, Temp Pavt (4E3)	5010805	1,097.000	Ton
0380	_ Ride Incentive	5017060	31,317.000	Dlr
0390	Joint, Expansion, E3	6020208	100.000	Ft
0400	Conc Pavt, Bridge Approach, Reinf	6020600	237.000	Syd
0410	Curb and Gutter, Bridge Approach	8020010	82.000	Ft
0420	Curb and Gutter, Conc, Det B2	8020016	306.000	Ft
0430	Guardrail, Type MGS-8	8070004	7,633.000	Ft
0440	Guardrail, Curved, Type B	8070010	152.000	Ft
0450	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0460	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0470	Guardrail Reflector	8070080	340.000	Ea
0480	Post, Mailbox	8070095	3.000	Ea
0490	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0500	Delineator Reflector, White	8100134	386.000	Ea
0510	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	50.000	Ea
0520	Fdn, Wood Support, Rem	8100280	40.000	Ea
0530	Post, Flexible, Delineator	8100360	64.000	Ea
0540	Post, Rigid, Delineator	8100361	107.000	Ea
0550	Post, Steel, 3 lb	8100371	711.000	Ft
0560	Post, Wood, 4 inch by 6 inch	8100380	130.000	Ft
0570	Sign, Type II, Rem	8100397	26.000	Ea
0580	Sign, Type IIA	8100398	36.000	Sft
0590	Sign, Type III, Erect, Salv	8100402	18.000	Ea
0600	Sign, Type III, Rem	8100403	36.000	Ea
0610	Sign, Type IIIA	8100404	107.000	Sft
0620	Sign, Type IIIB	8100405	60.000	Sft
0630	Sign, Type V, Rem	8100421	2.000	Ea
0640	Sign, Type VB	8100425	24.000	Sft
0650	Reflective Panel for Permanent Sign Support, 6 foot	8100616	20.000	Ea
0660	_ Delineation, Bidirectional, Guardrail, Offset Block Mtd	8107050	81.000	Ea
0670	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,653.000	Ft
0680	Pavt Mrkg, Waterborne, 6 inch, White	8110233	47,360.000	Ft
0690	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	11,653.000	Ft
0700	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	47,360.000	Ft

0710	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	192.000	Ft
0720	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	384.000	Ft
0730	Recessing Pavt Mrkg, Longit	8110450	59,013.000	Ft
0740	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0750	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0760	Dust Palliative, Applied	8120100	34.000	Ton
0770	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0780	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0790	Minor Traf Devices	8120170	1.000	LSUM
0800	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	47,260.000	Ft
0810	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	500.000	Ft
0820	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0830	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0840	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	250.000	Ft
0850	PTS System, Temp, Furn	8120270	2.000	Ea
0860	PTS System, Temp, Oper	8120271	2.000	Ea
0870	Sign Cover	8120310	12.000	Ea
0880	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0890	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0900	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0910	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0920	Traf Regulator Control	8120370	1.000	LSUM
0930	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,000.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	10,000.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	47,260.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	5,000.000	Ft
0970	Slope Restoration, Type A	8160100	500.000	Syd
0980	Slope Restoration, Type B	8160101	49,611.000	Syd
0990	Slope Restoration, Type C	8160102	9,779.000	Syd
1000	Monument Preservation	8210010	2.000	Ea
1010	Centerline Corrugations, Milled, HMA	8220013	23,680.000	Ft
1020	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	47,360.000	Ft
1030	Contractor Staking, Road Only	8240007	1.000	LSUM
1040	Staking Plan Errors and Extras, One Person	8240020	51.000	Hr
1050	Staking Plan Errors and Extras, Two Person	8240021	21.000	Hr
1060	Staking Plan Errors and Extras, Three Person	8240022	31.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 201106 005

Letting Date: November 6, 2020

Contract ID: 25031-129185-2

Description: Bridge rehabilitation including deck patching, full depth deck patching, joint replacement, barrier replacement, steel repair, rocker realignment, heat straightening, partial deck replacement, guardrail work, approach work and pavement marking on 16 bridges along US-23 and I-75, Genesee County. This project includes a 5 year performance warranty on high friction epoxy overlay.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129185A	20A1063	N/A	HSIP 25031
130175A	20A0164	N/A	IM 25031
204822A	20A1064	N/A	NH 25031
207768A	N/A	N/A	M 25031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fee	1077060	150.000	Dlr
0020	Critical Path Method Schedule	1080005	15,000.000	Dlr
0030	Mobilization, Max \$968,100.00	1500001	1.000	LSUM
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0060	Curb and Gutter, Rem	2040020	209.000	Ft
0070	Guardrail, Rem	2040035	6,183.000	Ft
0080	Pavt, Rem	2040050	1,993.000	Syd
0090	Sidewalk, Rem	2040055	122.000	Syd
0100	Ditch Cleanout	2050006	10.000	Sta
0110	Embankment, CIP	2050010	241.000	Cyd
0120	Excavation, Earth	2050016	145.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	13.000	Cyd
0140	_ Exploratory Excavation	2057001	300.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0160	Erosion Control, Silt Fence	2080036	200.000	Ft
0170	Subbase, CIP	3010002	48.000	Cyd
0180	Aggregate Base	3020001	13.000	Ton
0190	Open-Graded Dr Cse, 6 inch	3030006	1,318.000	Syd
0200	_ Shoulder, CI II, Modified	3077031	1,819.000	Ton
0210	Geotextile, Separator	3080005	1,318.000	Syd
0220	Culv End Sect, 18 inch	4010018	2.000	Ea
0230	Culv, CI A, Conc, 18 inch	4010167	300.000	Ft

0240	Dr Structure Cover, Adj, Case 1, Modified	4030004	1.000	Ea
0250	Dr Structure Cover, Adj, Case 1	4030005	27.000	Ea
0260	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0270	Underdrain, Subbase, 4 inch	4040061	160.000	Ft
0280	_ Bypass Pumping	4067051	1.000	LSUM
0290	Cold Milling HMA Surface	5010002	450.000	Syd
0300	HMA Surface, Rem	5010005	195.000	Syd
0310	Pavt Joint and Crack Repr, Det 7	5010020	240.000	Ft
0320	Pavt Joint and Crack Repr, Det 8	5010021	240.000	Ft
0330	Hand Patching	5010025	41.000	Ton
0340	HMA Approach	5010061	164.000	Ton
0350	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	49.000	Syd
0360	Joint, Expansion, E2	6020207	388.000	Ft
0370	Joint, Expansion, E3	6020208	594.000	Ft
0380	Joint, Expansion, E4	6020209	240.000	Ft
0390	Joint, Pressure Relief	6020213	264.000	Ft
0400	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	541.000	Syd
0410	Shoulder, Nonreinf Conc, High Performance	6020524	372.000	Syd
0420	Conc Pavt, Bridge Approach, Reinf	6020600	49.000	Syd
0430	Joint, Expansion, Erg	6030021	336.000	Ft
0440	Joint, Expansion, Esc	6030022	24.000	Ft
0450	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	177,600.000	Ft
0460	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	577.000	Syd
0470	Conc, Grade S2	7060011	2.000	Cyd
0480	Reinforcement, Steel	7060090	36.000	Lb
0490	Curb and Gutter, Bridge Approach	8020010	696.000	Ft
0500	Curb and Gutter, Conc, Det F5	8020039	15.000	Ft
0510	Shoulder Gutter, Conc, Det 2	8020056	10.000	Ea
0520	Spillway, Conc	8020075	12.000	Ft
0530	Sidewalk Ramp, Conc, 4 inch	8030034	1,000.000	Sft
0540	Sidewalk, Conc, 4 inch	8030044	90.000	Sft
0550	Guardrail, Type B	8070000	100.000	Ft
0560	Guardrail, Type T	8070002	263.000	Ft
0570	Guardrail, Type TD	8070003	125.000	Ft
0580	Guardrail, Type MGS-8	8070004	25,550.000	Ft
0590	Guardrail, Type MGS-8D	8070009	150.000	Ft
0600	Guardrail, Curved, Type T	8070011	13.000	Ft
0610	Guardrail Anch, Bridge, Det T1	8070022	8.000	Ea
0620	Guardrail Anch, Bridge, Det T4	8070025	6.000	Ea
0630	Guardrail Approach Terminal, Type 3B	8070038	2.000	Ea
0640	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
0650	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0660	Guardrail, Salv	8070075	400.000	Ft
0670	Guardrail Reflector	8070080	562.000	Ea
0680	Guardrail Anch, Bridge, Det M2	8070131	8.000	Ea

0690	Guardrail Anch, Bridge, Det M3	8070132	4.000	Ea
0700	Guardrail Anch, Bridge, Det A3	8070150	4.000	Ea
0710	Guardrail Anch, Bridge, Det A4	8070151	4.000	Ea
0720	Guardrail Anch, Bridge, Det A5	8070152	4.000	Ea
0730	Bridge Sign Connection, Conc, Type A1	8100031	3.000	Ea
0740	Bridge Sign Connection, Conc, Type A2	8100032	3.000	Ea
0750	Bridge Sign Connection, Type A, Rem	8100080	9.000	Ea
0760	Sign, Type II, Rem	8100397	1.000	Ea
0770	Sign, Type IIB	8100399	16.000	Sft
0780	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0790	Sign, Type III, Rem	8100403	8.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0810	Pavt Mrkg, Waterborne, 4 inch, White	8110231	880.000	Ft
0820	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,727.000	Ft
0830	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,352.000	Ft
0840	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,560.000	Ft
0850	Pavt Mrkg, Waterborne, 8 inch, White	8110235	180.000	Ft
0860	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	880.000	Ft
0870	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,727.000	Ft
0880	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,352.000	Ft
0890	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,560.000	Ft
0900	Pavt Mrkg, Waterborne, 2nd Application, 8 inch, White	8110255	180.000	Ft
0910	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	5,263.000	Ft
0920	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	7,568.000	Ft
0930	Rem Curing Compound, for Longit Mrkg, 8 inch	8110309	180.000	Ft
0940	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0950	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	42.000	Ea
0960	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	42.000	Ea
0970	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0980	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	600.000	Ea
0990	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	600.000	Ea
1000	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	34.000	Ea
1010	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	14.000	Ea
1020	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	14.000	Ea
1030	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	20.000	Ea
1040	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	1.000	Ea
1050	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
1060	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
1070	Conc Barrier, Temp, Adj	8120080	16,450.000	Ft
1080	Conc Barrier, Temp, Furn	8120081	5,350.000	Ft
1090	Conc Barrier, Temp, Oper	8120082	5,350.000	Ft
1100	Conc Barrier, Temp, Relocated	8120083	11,100.000	Ft
1110	High Intensity Light, Type B, Furn	8120110	16.000	Ea

1120	High Intensity Light, Type B, Oper	8120111	16.000	Ea
1130	Lighted Arrow, Type C, Furn	8120140	21.000	Ea
1140	Lighted Arrow, Type C, Oper	8120141	21.000	Ea
1150	Ltg for Night Work	8120160	1.000	LSUM
1160	Minor Traf Devices	8120170	1.000	LSUM
1170	Mobile Attenuator	8120180	11.000	Ea
1180	Pavt Mrkg Cover, Type R, Black	8120200	9,190.000	Ft
1190	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	13,518.000	Ft
1200	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	180.000	Ft
1210	Plastic Drum, Fluorescent, Furn	8120252	810.000	Ea
1220	Plastic Drum, Fluorescent, Oper	8120253	810.000	Ea
1230	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
1240	PTS System, Temp, Furn	8120270	1.000	Ea
1250	PTS System, Temp, Oper	8120271	1.000	Ea
1260	Sign Cover	8120310	353.000	Ea
1270	Sign Cover, Type 1	8120320	18.000	Ea
1280	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	18.000	Ea
1290	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	18.000	Ea
1300	Sign, Type A, Temp, Prismatic, Furn	8120340	158.000	Sft
1310	Sign, Type A, Temp, Prismatic, Oper	8120341	158.000	Sft
1320	Sign, Type B, Temp, Prismatic, Furn	8120350	10,419.000	Sft
1330	Sign, Type B, Temp, Prismatic, Oper	8120351	10,419.000	Sft
1340	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,918.000	Sft
1350	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,918.000	Sft
1360	Traf Regulator Control	8120370	1.000	LSUM
1370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	17,600.000	Ft
1380	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	15,200.000	Ft
1390	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	25,000.000	Ft
1400	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, Yellow, Temp	8122018	25,000.000	Ft
1410	Speed Radar Trailer, Temp	8122028	6.000	Ea
1420	_ Traf Speed Sensor, Portable, Temp	8127050	2.000	Ea
1430	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1440	Riprap, Plain	8130010	5.000	Syd
1450	Slope Restoration, Type A	8160100	1,120.000	Syd
1460	Wireless Vehicle Detection System, Rem	8200423	12.000	Ea
1470	Wireless Vehicle Detection System, Salv	8200424	12.000	Ea
1480	TS Head, Adj	8200452	20.000	Ea
1490	TS Head, Temp	8200453	32.000	Ea
1500	TS Face, Bag	8200458	104.000	Ea
1510	TS Face, Bag, Rem	8200459	104.000	Ea

1520	Shoulder Corrugations, Ground or Cut, Conc	8220000	177,600.000	Ft
1530	Contractor Staking	8240001	1.000	LSUM
1540	Staking Plan Errors and Extras, One Person	8240020	73.000	Hr
1550	Staking Plan Errors and Extras, Two Person	8240021	30.000	Hr
1560	Staking Plan Errors and Extras, Three Person	8240022	43.000	Hr

Section: 2

1570	Structures, Rem Portions (S08 of 25031)	2040061	1.000	LSUM
1580	_ Guide Curb, Rem	2047001	210.000	Ft
1590	Embankment, Structure, CIP	2050012	141.000	Cyd
1600	_ Flowable Fill	2057021	30.000	Cyd
1610	Backfill, Structure, CIP	2060002	885.000	Cyd
1620	Excavation, Fdn	2060010	673.000	Cyd
1630	HMA Patch, Rem	5010006	1.000	Syd
1640	Bridge Ltg, Furn and Rem (R01-1 of 25031)	7060001	1.000	LSUM
1650	Bridge Ltg, Furn and Rem (R01-2 of 25031)	7060001	1.000	LSUM
1660	Bridge Ltg, Furn and Rem (S01 of 25031)	7060001	1.000	LSUM
1670	Bridge Ltg, Furn and Rem (S08 of 25031)	7060001	1.000	LSUM
1680	Bridge Ltg, Oper and Maintain	7060002	325.000	Cyd
1690	Expansion Joint Device	7060050	1,029.000	Ft
1700	False Decking	7060060	34,075.000	Sft
1710	Reinforcement, Steel, Epoxy Coated	7060092	187,327.000	Lb
1720	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01-1 of 25031)	7060112	1.000	LSUM
1730	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01-2 of 25031)	7060112	1.000	LSUM
1740	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 25031)	7060112	1.000	LSUM
1750	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08 of 25031)	7060112	1.000	LSUM
1760	Superstructure Conc, Night Casting	7060113	225.000	Cyd
1770	Superstructure Conc, Night Casting, High Performance	7060117	100.000	Cyd
1780	_ Texturing Conc	7067011	737.000	Syd
1790	_ Conc, Grade DM	7067021	242.000	Cyd
1800	Bushing	7070030	24.000	Ea
1810	Shear Developers (R01-1 of 25031)	7070040	1.000	LSUM
1820	Shear Developers (R01-2 of 25031)	7070040	1.000	LSUM
1830	Shear Developers (S08 of 25031)	7070040	1.000	LSUM
1840	Structural Steel, Plate, Erect	7070060	63,785.000	Lb
1850	Structural Steel, Plate, Furn and Fab	7070061	63,785.000	Lb
1860	_ Bearing, Elastomeric, 2 5/8 inch	7077008	3,456.000	Sin
1870	Joint Waterproofing	7100001	476.000	Sft
1880	_ Spray Applied Waterproofing Membrane	7107011	918.000	Syd
1890	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
1900	Bridge Railing, Thrie Beam Retrofit	7110006	1,535.000	Ft
1910	Bridge Barrier Railing, Type 4, High Performance	7110015	119.000	Ft

1920	Bridge Railing, Aesthetic, Type 6, Det 1, High Performance	7110055	1,918.000	Ft
1930	Hand Chipping, Shallow	7120003	61.000	Syd
1940	Hand Chipping, Deep	7120004	195.000	Syd
1950	Hand Chipping, Other Than Deck	7120007	2,969.000	Cft
1960	Patch, Full Depth	7120010	31.000	Cyd
1970	Patch, Forming	7120017	9,235.000	Sft
1980	Structures, Rehabilitation, Rem Portions (B02-1 of 25031)	7120070	1.000	LSUM
1990	Structures, Rehabilitation, Rem Portions (B02-2 of 25031)	7120070	1.000	LSUM
2000	Structures, Rehabilitation, Rem Portions (R01-1 of 25031)	7120070	1.000	LSUM
2010	Structures, Rehabilitation, Rem Portions (R01-2 of 25031)	7120070	1.000	LSUM
2020	Structures, Rehabilitation, Rem Portions (R03 of 25042)	7120070	1.000	LSUM
2030	Structures, Rehabilitation, Rem Portions (S01 of 25031)	7120070	1.000	LSUM
2040	Structures, Rehabilitation, Rem Portions (S02 of 25031)	7120070	1.000	LSUM
2050	Structures, Rehabilitation, Rem Portions (S03 of 25032)	7120070	1.000	LSUM
2060	Structures, Rehabilitation, Rem Portions (S04 of 25031)	7120070	1.000	LSUM
2070	Structures, Rehabilitation, Rem Portions (S06 of 25031)	7120070	1.000	LSUM
2080	Deck Joint, Rem	7120071	1,039.000	Ft
2090	Top Flanges and Beam Ends, Clean and Coat	7120100	228.000	Syd
2100	Patching Conc, C-L	7120112	168.000	Cyd
2110	Embedded Galvanic Anode	7120120	5,911.000	Ea
2120	_ Fiberglass Reinf Polymer Jacket Column Repr, 36 inch	7127001	30.000	Ft
2130	_ Deck, Scaling	7127010	252.000	Sft
2140	_ Hand Chipping, Special	7127010	35.000	Sft
2150	_ Shear Strengthening System	7127010	198.000	Sft
2160	_ High Friction Epoxy Ovly, Warranty	7127011	16,125.000	Syd
2170	_ Beam End Repair, Latex Modified Conc	7127020	6.000	Cft
2180	_ Hand Chipping, Full Depth	7127020	701.000	Cft
2190	_ Bridge Joints, Clean and Seal (S07 of 25031), Modified	7127051	1.000	LSUM
2200	_ Bridge Joints, Clean and Seal (B01-1 of 25031), Modified	7127051	1.000	LSUM
2210	_ Bridge Joints, Clean and Seal (B01-2 of 25031), Modified	7127051	1.000	LSUM
2220	_ Bridge Joints, Clean and Seal (R03 of 25042), Modified	7127051	1.000	LSUM
2230	_ Bridge Joints, Clean and Seal (S02 of 25031), Modified	7127051	1.000	LSUM
2240	_ Bridge Joints, Clean and Seal (S03 of 25031), Modified	7127051	1.000	LSUM
2250	_ Bridge Joints, Clean and Seal (S05 of 25031), Modified	7127051	1.000	LSUM

2260	_ Bridge Joints, Clean and Seal (S06 of 25031), Modified	7127051	1.000	LSUM
2270	Beam Plate, Seal Perimeter	7130010	9,509.000	Ft
2280	Cutting Beam Ends, Simple Span	7130020	34.000	Ea
2290	Hanger Assembly, Field Measurement	7130030	6.000	Ea
2300	Hanger Assembly, Rem and Erect	7130031	6.000	Ea
2310	Heat Straightening Steel (S02 of 25031)	7130040	1.000	LSUM
2320	Heat Straightening Steel (S06 of 25031)	7130040	1.000	LSUM
2330	Rocker, Realign	7130050	55.000	Ea
2340	Stiffeners, Furn, Fab, and Erect	7130060	8,077.000	Lb
2350	Structural Steel, Furn and Fab, Pin and Hanger	7130070	1,217.000	Lb
2360	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	36,282.000	Lb
2370	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	5,580.000	Lb
2380	Support, Column, Temp	7130080	92.000	Ea
2390	Support, Diaphragm, Temp	7130081	19.000	Ea
2400	Steel Structure, Cleaning, Partial, Type 4 (B02-1 of 25031)	7150047	1.000	LSUM
2410	Steel Structure, Cleaning, Partial, Type 4 (B02-2 of 25031)	7150047	1.000	LSUM
2420	Steel Structure, Cleaning, Partial, Type 4 (R01-1 of 25031)	7150047	1.000	LSUM
2430	Steel Structure, Cleaning, Partial, Type 4 (R01-2 of 25031)	7150047	1.000	LSUM
2440	Steel Structure, Cleaning, Partial, Type 4 (R03 of 25042)	7150047	1.000	LSUM
2450	Steel Structure, Cleaning, Partial, Type 4 (S02 of 25031)	7150047	1.000	LSUM
2460	Steel Structure, Cleaning, Partial, Type 4 (S04 of 25031)	7150047	1.000	LSUM
2470	Steel Structure, Cleaning, Partial, Type 4 (S06 of 25031)	7150047	1.000	LSUM
2480	Steel Structure, Coating, Partial, Type 4 (R01-1 of 25031)	7150048	1.000	LSUM
2490	Steel Structure, Coating, Partial, Type 4 (B02-1 of 25031)	7150048	1.000	LSUM
2500	Steel Structure, Coating, Partial, Type 4 (B02-2 of 25031)	7150048	1.000	LSUM
2510	Steel Structure, Coating, Partial, Type 4 (R01-2 of 25031)	7150048	1.000	LSUM
2520	Steel Structure, Coating, Partial, Type 4 (R03 of 25042)	7150048	1.000	LSUM
2530	Steel Structure, Coating, Partial, Type 4 (S02 of 25031)	7150048	1.000	LSUM
2540	Steel Structure, Coating, Partial, Type 4 (S04 of 25031)	7150048	1.000	LSUM
2550	Steel Structure, Coating, Partial, Type 4 (S06 of 25031)	7150048	1.000	LSUM
2560	Field Repair of Damaged Coating (R01-1 of 25031)	7160001	1.000	LSUM
2570	Field Repair of Damaged Coating (R01-2 of 25031)	7160001	1.000	LSUM
2580	Field Repair of Damaged Coating (R03 of 25042)	7160001	1.000	LSUM
2590	Field Repair of Damaged Coating (S02 of 25031)	7160001	1.000	LSUM
2600	Field Repair of Damaged Coating (S04 of 25031)	7160001	1.000	LSUM

2610	Field Repair of Damaged Coating (S06 of 25031)	7160001	1.000	LSUM
2620	Field Repair of Damaged Coating (S08 of 25031)	7160001	1.000	LSUM
2630	Drain Casting Assembly	7170010	6.000	Ea
2640	Slope Paving Header	8130015	572.000	Ft
2650	Slope Paving, Conc	8130020	1,110.000	Syd
2660	_ Railroad Inspection and Flagging	8507060	144,000.000	Dir
2670	_ Railroad Protection	8507060	10,000.000	Dir



Schedule of Pay Items

Report v1

Letting Call: 201106 006

Letting Date: November 6, 2020

Contract ID: 31000-209923

Description: 0.09 mi of culvert removal and installation of precast concrete box culvert, excavation and structure backfill on Sharon Avenue at Huron Creek in the city of Houghton, Houghton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209923A	20A1036	N/A	ER 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$198,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.050	Acre
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	235.000	Ft
0050	_ Culv, Rem, Modified	2037050	1.000	Ea
0060	Curb and Gutter, Rem	2040020	230.000	Ft
0070	Sidewalk, Rem	2040055	145.000	Syd
0080	Embankment, CIP	2050010	500.000	Cyd
0090	Excavation, Channel	2050015	1,700.000	Cyd
0100	Excavation, Earth	2050016	6,755.000	Cyd
0110	Excavation, Rock	2050018	25.000	Cyd
0120	Backfill, Structure, CIP	2060002	5,350.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0140	Erosion Control, Silt Fence	2080036	300.000	Ft
0150	_ Bypass Pumping	2087050	1.000	Ea
0160	Subbase, CIP	3010002	1,055.000	Cyd
0170	Aggregate Base, 4 inch	3020010	795.000	Syd
0180	Aggregate Base, 8 inch	3020020	735.000	Syd
0190	Aggregate Base, 12 inch	3020030	880.000	Syd
0200	Aggregate Base, Conditioning	3020050	3,375.000	Syd
0210	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0220	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0230	Sewer, CI A, 10 inch, Tr Det A	4020003	50.000	Ft
0240	Sewer, CI E, 12 inch, Tr Det B	4020600	83.000	Ft
0250	Sewer, CI E, 15 inch, Tr Det B	4020601	87.000	Ft
0260	Sewer Tap, 10 inch	4021203	1.000	Ea
0270	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea

0280	Dr Structure Cover, Type J	4030045	4.000	Ea
0290	Dr Structure, 24 inch dia	4030200	1.000	Ea
0300	Dr Structure, 48 inch dia	4030210	3.000	Ea
0310	_ Connect to Existing Sanitary Sewer Manhole	4037050	1.000	Ea
0320	Culv Bedding, Box Culv	4060005	330.000	Cyd
0330	_ Culv, Precast Conc Box, 16 foot by 10 foot, Modified	4067001	254.000	Ft
0340	HMA Surface, Rem	5010005	4,140.000	Syd
0350	HMA, 4E3	5010051	470.000	Ton
0360	HMA, 5E3	5010057	285.000	Ton
0370	HMA Approach	5010061	150.000	Ton
0380	Cofferdams	7040007	1.000	LSUM
0390	_ Construction Dam	7047050	1.000	Ea
0400	Curb and Gutter, Conc, Det B2	8020016	815.000	Ft
0410	Curb Ramp Opening, Conc	8030030	48.000	Ft
0420	Sidewalk Ramp, Conc, 6 inch	8030036	288.000	Sft
0430	Sidewalk, Conc, 6 inch	8030046	4,850.000	Sft
0440	_ Detectable Warning Surface, Cast Iron	8037001	15.000	Ft
0450	_ Fence, Remove and Replace	8087051	1.000	LSUM
0460	Post, Steel, 3 lb	8100371	14.000	Ft
0470	Sign, Type IIA	8100398	6.000	Sft
0480	_ Sign, Remove and Replace	8107051	1.000	LSUM
0490	Pavt Mrkg, Polyurea, 4 inch, White	8110091	387.000	Ft
0500	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	180.000	Ft
0510	Pavt Mrkg, Polyurea, 6 inch, White	8110094	425.000	Ft
0520	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	1,210.000	Ft
0530	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	86.000	Ft
0540	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0550	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
0560	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0570	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0580	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0590	Barricade, Type III, High Intensity, Lighted, Furn	8120022	14.000	Ea
0600	Barricade, Type III, High Intensity, Lighted, Oper	8120023	14.000	Ea
0610	Minor Traf Devices	8120170	1.000	LSUM
0620	Plastic Drum, Fluorescent, Furn	8120252	125.000	Ea
0630	Plastic Drum, Fluorescent, Oper	8120253	125.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	546.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	546.000	Sft
0660	Riprap, Plain	8130011	518.000	Ton
0670	_ Riprap, Special, Class II	8137031	410.000	Ton
0680	Sodding	8160055	970.000	Syd
0690	_ Slope Restoration, Modified	8167011	750.000	Syd
0700	_ Light Pole, Remove and Replace	8197050	3.000	Ea
0710	Monument Preservation	8210010	4.000	Ea
0720	Water Main, DI, 12 inch, Tr Det G	8230166	75.000	Ft

0730	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0740	_ 2 Inch Rigid Insulation	8237010	1,568.000	Sft
0750	Contractor Staking	8240001	1.000	LSUM
0760	Staking Plan Errors and Extras, One Person	8240020	20.000	Hr
0770	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
0780	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
0790	_ Sanitary Sewer, PVC, 10 inch, Tr Det B	8257001	497.000	Ft
0800	_ Sanitary Sewer, Rem	8257001	500.000	Ft
0810	_ Connect to Existing Sanitary Sewer Main	8257050	3.000	Ea
0820	_ Sanitary Manhole, 4' Diameter	8257050	3.000	Ea
0830	_ Sanitary Structure, Rem	8257050	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 007

Letting Date: November 6, 2020

Contract ID: 03042-128165

Description: 7.22 mi of hot mix asphalt resurfacing and reconstruction, concrete curb and gutter, sidewalk, culverts, sewer, drainage, 10 foot by 8 foot precast box culvert, railroad crossing approaches, guardrail, cable barrier, signage, signals and lighting, bridge reconstruction with 45 inch prestressed concrete I-beams, steel sheet piling, steel piles, approaches and pavement markings on US-131 from 120th Avenue north to south of 133rd Avenue and M-179 (129th Avenue) from west of 12th Street east to the Grand Elk Railroad in the townships of Hopkins, Wayland, Martin and Watson, Allegan County. This project contains a 5 year and a 3 year materials and workmanship pavement warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128165A	20A1137	N/A	ST 03042
200587A	20A1093	N/A	NH 03112
206619A	N/A	N/A	MX 03042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dir
0020	Mobilization, Max \$2,411,000.00	1500001	1.000	LSUM
0030	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	8.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	35.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0080	Culv, Rem, Over 48 inch	2030003	5.000	Ea
0090	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0100	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0110	Dr Structure, Rem	2030011	10.000	Ea
0120	Sewer, Rem, Less than 24 inch	2030015	1,341.000	Ft
0130	Sewer, Rem, 24 inch to 48 inch	2030016	183.000	Ft
0140	Curb and Gutter, Rem	2040020	2,116.000	Ft
0150	Fence, Rem	2040025	4,071.000	Ft
0160	Guardrail, Rem	2040035	4,419.000	Ft
0170	Pavt, Rem	2040050	286.000	Syd
0180	Exploratory Investigation, Vertical	2040080	100.000	Ft
0190	_ Tile Field, Rem	2047021	1,050.000	Cyd
0200	Embankment, CIP	2050010	194,774.000	Cyd
0210	Excavation, Channel	2050015	300.000	Cyd
0220	Excavation, Earth	2050016	104,829.000	Cyd

0230	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0240	Subgrade Undercutting, Type II	2050041	3,500.000	Cyd
0250	_ High Strength Geogrid	2057011	570.000	Syd
0260	_ Embankment, CIP, Special	2057021	54,009.000	Cyd
0270	_ Building and Improvement Removal, Foundation, Medium, Parcel 56	2057050	2.000	Ea
0280	_ Building and Improvement Removal, Slab, Small, Parcel 56	2057050	1.000	Ea
0290	_ Channel, Temp	2057051	1.000	LSUM
0300	_ Geotechnical Instrumentation Hardware	2057051	1.000	LSUM
0310	_ Geotechnical Instrumentation Installation	2057051	1.000	LSUM
0320	_ Geotechnical Instrumentation Monitoring	2057051	1.000	LSUM
0330	Aggregate, 6A	2060001	50.000	Cyd
0340	_ Aggregate, 6A, Special	2067021	98.000	Cyd
0350	Erosion Control, Check Dam, Stone	2080012	1,200.000	Ft
0360	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0370	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0380	Erosion Control, Inlet Protection, Fabric Drop	2080020	43.000	Ea
0390	Erosion Control, Inlet Protection, Sediment Trap	2080024	5.000	Ea
0400	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0410	Erosion Control, Sediment Basin	2080032	30.000	Cyd
0420	Erosion Control, Sediment Trap	2080034	61.000	Ea
0430	Erosion Control, Silt Fence	2080036	10,023.000	Ft
0440	Erosion Control, Stone Bag	2080038	50.000	Ea
0450	Erosion Control, Turbidity Curtain, Shallow	2080044	20.000	Ft
0460	Project Cleanup	2090001	1.000	LSUM
0470	Subbase, CIP	3010002	57,512.000	Cyd
0480	Aggregate Base	3020001	3,095.000	Ton
0490	Aggregate Base, 3 inch	3020008	2,337.000	Syd
0500	Aggregate Base, 6 inch	3020016	97,169.000	Syd
0510	Aggregate Base, 12 inch	3020030	411.000	Syd
0520	Aggregate Base, Conditioning	3020050	720.000	Syd
0530	Approach, CI II	3070021	444.000	Ton
0540	Approach, CI II, 6 inch	3070028	25.000	Syd
0550	Shoulder, CI II	3070121	2,806.000	Ton
0560	Shoulder, CI II, 6 inch	3070128	5,284.000	Syd
0570	Shoulder, CI II, Temp	3070170	142.000	Ton
0580	Geotextile, Separator	3080005	250.000	Syd
0590	Culv End Sect, 12 inch	4010012	10.000	Ea
0600	Culv End Sect, 18 inch	4010018	7.000	Ea
0610	Culv End Sect, 24 inch	4010024	2.000	Ea
0620	Culv End Sect, 30 inch	4010030	7.000	Ea
0630	Culv End Sect, 36 inch	4010036	4.000	Ea
0640	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0650	Culv End Sect, Conc, 42 inch	4010054	5.000	Ea

0660	Culv End Sect, Conc, 72 inch	4010059	2.000	Ea
0670	Culv, CI A, 18 inch	4010133	258.000	Ft
0680	Culv, CI A, 30 inch	4010135	118.000	Ft
0690	Culv, CI A, 36 inch	4010136	235.000	Ft
0700	Culv, CI A, 42 inch	4010137	23.000	Ft
0710	Culv, CI A, Conc, 18 inch	4010167	71.000	Ft
0720	Culv, CI A, Conc, 30 inch	4010169	120.000	Ft
0730	Culv, CI B, Conc, 42 inch	4010273	299.000	Ft
0740	Culv, CI C, 42 inch	4010341	173.000	Ft
0750	Culv, Reinf Conc Ellip, HE CI I, 19 inch by 30 inch	4010833	68.000	Ft
0760	Culv, Reinf Conc Ellip, HE CI I, 58 inch by 91 inch	4010842	20.000	Ft
0770	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	2.000	Ea
0780	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	4.000	Ea
0790	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	1.000	Ea
0800	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 19 inch by 30 inch, Transv	4011052	2.000	Ea
0810	Dr Marker Post	4011109	41.000	Ea
0820	_ Stoplog Structure	4017050	2.000	Ea
0830	Sewer, CI A, 24 inch, Tr Det A	4020007	255.000	Ft
0840	Sewer, CI A, 30 inch, Tr Det A	4020008	59.000	Ft
0850	Sewer, CI A, 12 inch, Tr Det B	4020033	1,290.000	Ft
0860	Sewer, CI A, 18 inch, Tr Det B	4020035	180.000	Ft
0870	Sewer, CI A, 24 inch, Tr Det B	4020036	1,083.000	Ft
0880	Sewer, CI A, 36 inch, Tr Det B	4020038	219.000	Ft
0890	Sewer, CI A, 72 inch, Tr Det B	4020044	280.000	Ft
0900	Sewer, CI B, 12 inch, Tr Det B	4020183	95.000	Ft
0910	Sewer, CI B, 24 inch, Tr Det B	4020186	361.000	Ft
0920	Sewer, CI B, 30 inch, Tr Det B	4020187	107.000	Ft
0930	Sewer, CI C, 24 inch, Tr Det B	4020336	160.000	Ft
0940	Sewer, CI III, 72 inch, Tr Det A	4020851	40.000	Ft
0950	Sewer Tap, 24 inch	4021207	1.000	Ea
0960	Sewer Bulkhead, 36 inch	4021237	2.000	Ea
0970	Video Taping Sewer and Culv Pipe	4021275	2,234.000	Ft
0980	_ Trench Undercut and Backfill, Modified	4027021	695.000	Cyd
0990	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
1000	Dr Structure Cover, Type B	4030010	15.000	Ea
1010	Dr Structure Cover, Type J	4030045	45.000	Ea
1020	Dr Structure, 48 inch dia	4030210	45.000	Ea
1030	Dr Structure, 60 inch dia	4030220	2.000	Ea
1040	Dr Structure, 72 inch dia	4030230	1.000	Ea
1050	Dr Structure, 84 inch dia	4030231	1.000	Ea
1060	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	1.000	Ft
1070	Dr Structure, 120 inch dia	4030242	2.000	Ea
1080	Dr Structure, Add Depth of 120 inch dia, 8 foot to 15 foot	4030243	10.000	Ft

1090	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	28.000	Ft
1100	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	7.000	Ft
1110	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	4.000	Ft
1120	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
1130	Dr Structure, Tap, 24 inch	4030324	3.000	Ea
1140	_ Dr Structure Cover, Type D, Modified	4037050	9.000	Ea
1150	Underdrain, Bank, 6 inch	4040003	200.000	Ft
1160	Underdrain, Fdn, 6 inch	4040033	640.000	Ft
1170	Underdrain, Subbase, 6 inch	4040063	26,044.000	Ft
1180	Underdrain, Subgrade, 6 inch	4040073	1,500.000	Ft
1190	Underdrain Outlet, 6 inch	4040093	610.000	Ft
1200	Underdrain, Outlet Ending, 6 inch	4040113	39.000	Ea
1210	Culv Bedding, Box Culv	4060005	287.000	Cyd
1220	Culv, Precast Conc Box, 10 foot by 8 foot	4060132	294.000	Ft
1230	Pavt, Cleaning	5010001	1.000	LSUM
1240	Cold Milling HMA Surface	5010002	246,430.000	Syd
1250	Bump Grinding	5010004	335.000	Syd
1260	HMA Surface, Rem	5010005	61,016.000	Syd
1270	HMA Quality Initiative	5010007	111,422.000	Dlr
1280	Longitudinal Joint Density Quality Initiative	5010018	179,573.000	Dlr
1290	Pavt Joint and Crack Repr, Det 7	5010020	1,200.000	Ft
1300	Pavt Joint and Crack Repr, Det 8	5010021	600.000	Ft
1310	Hand Patching	5010025	420.000	Ton
1320	HMA, 4E3	5010051	11,203.000	Ton
1330	HMA, 4E10	5010052	211.000	Ton
1340	HMA, 5E30	5010059	26,772.000	Ton
1350	HMA Approach	5010061	1,162.000	Ton
1360	HMA, 4E3, High Stress	5010509	6,842.000	Ton
1370	HMA, 5E3, High Stress	5010515	5,290.000	Ton
1380	HMA Approach, High Stress	5010520	749.000	Ton
1390	HMA, Temp Pavt (4E3)	5010805	3,076.000	Ton
1400	HMA, Temp Pavt (5E3)	5010806	371.000	Ton
1410	Steel Sheet Piling, Permanent	7040001	2,080.000	Sft
1420	Steel Sheet Piling, Temp	7040002	4,560.000	Sft
1430	_ Construction Dam	7047050	3.000	Ea
1440	Conduit, 3 inch	7060030	298.000	Ft
1450	_ Conc, Grade S2M	7067021	30.000	Cyd
1460	Temp Casing-Left in Place	7180121	15.000	Ft
1470	_ Atmospheric Sensor, Air Temperature/Relative Humidity, Install Salv	8007050	1.000	Ea
1480	_ Atmospheric Sensor, Air Temperature/Relative Humidity, Rem and Salv	8007050	1.000	Ea
1490	_ Atmospheric Sensor, Barometric Pressure, Install Salv	8007050	1.000	Ea

1500	_ Atmospheric Sensor, Barometric Pressure, Rem and Salv	8007050	1.000	Ea
1510	_ Atmospheric Sensor, Precipitation, Install Salv	8007050	1.000	Ea
1520	_ Atmospheric Sensor, Precipitation, Rem and Salv	8007050	1.000	Ea
1530	_ Atmospheric Sensor, Ultrasonic Wind, Install Salv	8007050	1.000	Ea
1540	_ Atmospheric Sensor, Ultrasonic Wind, Rem and Salv	8007050	1.000	Ea
1550	_ Atmospheric Sensor, Visibility, Install Salv	8007050	1.000	Ea
1560	_ Atmospheric Sensor, Visibility, Rem and Salv	8007050	1.000	Ea
1570	_ Cabinet Equipment, Rem and Salv, Cabinet Modem	8007050	1.000	Ea
1580	_ Cellular Modem, Install Salv	8007050	1.000	Ea
1590	_ Environmental Sensor Station Tower, Install Salv	8007050	1.000	Ea
1600	_ Environmental Sensor Station Tower, Rem	8007050	1.000	Ea
1610	_ Infrared Illuminator, Install Salv	8007050	1.000	Ea
1620	_ Infrared Illuminator, Rem and Salv	8007050	1.000	Ea
1630	_ Internet Protocol, Surveillance System, ESS, Install Salv	8007050	1.000	Ea
1640	_ Internet Protocol, Surveillance System, ESS, Rem and Salv	8007050	1.000	Ea
1650	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
1660	_ Pavement Sensor, Invasive Condition	8007050	2.000	Ea
1670	_ Pavement Sensor, Invasive Condition, Rem	8007050	2.000	Ea
1680	_ Remote Processing Unit, Install Salv	8007050	1.000	Ea
1690	_ Remote Processing Unit, Rem and Salv	8007050	1.000	Ea
1700	_ Roadside Unit, Intersection	8007050	1.000	Ea
1710	_ Subsurface Temperature Probe, Replacement	8007050	1.000	Ea
1720	_ Septic Tank, Rem	8007051	1.000	LSUM
1730	Driveway, Nonreinf Conc, 9 inch	8010008	211.000	Syd
1740	Curb and Gutter, Bridge Approach	8020010	70.000	Ft
1750	Curb and Gutter, Conc, Det B2	8020016	4,684.000	Ft
1760	Curb and Gutter, Conc, Det D2	8020031	857.000	Ft
1770	Driveway Opening, Conc, Det M	8020050	111.000	Ft
1780	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
1790	Valley Gutter, Conc	8020060	679.000	Ft
1800	Spillway, Conc	8020075	35.000	Ft
1810	_ Curb and Gutter, Conc, Det F2, Modified	8027001	2,192.000	Ft
1820	_ Valley Gutter, Conc, Modified	8027001	48.000	Ft
1830	Sidewalk, Conc, 6 inch	8030046	5,505.000	Sft
1840	Conc Barrier, Single Face, Type C	8040003	727.000	Ft
1850	Conc Barrier Backfill, CIP	8040030	88.000	Cyd
1860	Curb Sloped, HMA	8050010	1,200.000	Ft
1870	Guardrail, Type MGS-8	8070004	3,689.000	Ft
1880	Guardrail, Type T, Temp	8070007	136.000	Ft
1890	Guardrail, Curved, Type MGS-8	8070012	225.000	Ft
1900	Guardrail Approach Terminal, Type 3B	8070038	2.000	Ea
1910	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
1920	Guardrail Approach Terminal, Type 2T, Temp	8070048	1.000	Ea

1930	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
1940	Guardrail Post, Culv	8070070	3.000	Ea
1950	Guardrail Reflector	8070080	97.000	Ea
1960	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
1970	Cable Barrier, High Tension, Rem	8070200	558.000	Ft
1980	Cable Barrier, High Tension, Salv	8070201	3,919.000	Ft
1990	Cable Barrier, High Tension, Reconst	8070202	3,919.000	Ft
2000	Cable Barrier Terminal, Furn and Install (Gibraltar, TL-4)	8070208	2.000	Ea
2010	Cable Barrier, Reflector, Furn and Install (Gibraltar)	8070209	166.000	Ea
2020	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	53.000	Ea
2030	Cable Barrier, High Tension, Line Post Fdn	8070221	8.000	Ea
2040	Cable Barrier, High Tension, End Term Fdn	8070223	2.000	Ea
2050	_ Guardrail Long Span, Det MGS-1	8077050	1.000	Ea
2060	_ Guardrail Long Span, Det MGS-2	8077050	2.000	Ea
2070	Fence, Woven Wire with Wood Post	8080001	2,716.000	Ft
2080	Fence, Woven Wire with Steel Post	8080002	4,770.000	Ft
2090	Fence, Protective	8080007	500.000	Ft
2100	Fence Gate, 16 foot, for 72 inch Chain Link Fence	8080063	2.000	Ea
2110	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
2120	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
2130	Column, Breakaway, W8 x 18	8100121	4.000	Ea
2140	Delineator Reflector, Red	8100131	60.000	Ea
2150	Delineator Reflector, Yellow	8100132	32.000	Ea
2160	Delineator Reflector, Green	8100133	18.000	Ea
2170	Delineator Reflector, White	8100134	160.000	Ea
2180	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	8.000	Ea
2190	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	40.000	Ea
2200	Fdn, Breakaway, W8 x 18	8100161	4.000	Ea
2210	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
2220	Fdn, Wood Support, Rem	8100280	35.000	Ea
2230	Installing MDOT Supplied Sign, Type III	8100302	7.000	Ea
2240	Perforated Steel Square Tube Breakaway System	8100330	6.000	Ea
2250	Post Hole Through Conc for Steel Post	8100340	18.000	Ea
2260	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
2270	Delineator, Rem	8100349	220.000	Ea
2280	Post, Flexible, Delineator	8100360	48.000	Ea
2290	Post, Rigid, Delineator	8100361	270.000	Ea
2300	Post, Steel, 3 lb	8100371	2,605.000	Ft
2310	Post, Wood, 4 inch by 6 inch	8100380	460.000	Ft
2320	Post, Wood, 6 inch by 8 inch	8100382	274.000	Ft
2330	Sign, Type I, Erect, Salv	8100390	2.000	Ea
2340	Sign, Type I, Rem	8100391	11.000	Ea
2350	Sign, Type IA	8100392	75.000	Sft

2360	Sign, Type IB	8100393	15.000	Sft
2370	Sign, Type II, Rem	8100397	35.000	Ea
2380	Sign, Type IIA	8100398	413.000	Sft
2390	Sign, Type IIB	8100399	42.000	Sft
2400	Sign, Type III, Erect, Salv	8100402	2.000	Ea
2410	Sign, Type III, Rem	8100403	137.000	Ea
2420	Sign, Type IIIA	8100404	371.000	Sft
2430	Sign, Type IIIB	8100405	546.000	Sft
2440	Sign, Type VA	8100424	35.000	Sft
2450	Sign, Type VB	8100425	43.000	Sft
2460	Reflective Panel for Permanent Sign Support, 3 foot	8100613	41.000	Ea
2470	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	44.000	Ft
2480	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	5.000	Ea
2490	Pavt Mrkg, Polyurea, 4 inch, White	8110091	570.000	Ft
2500	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	8,923.000	Ft
2510	Pavt Mrkg, Polyurea, 6 inch, White	8110094	31,761.000	Ft
2520	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	17,485.000	Ft
2530	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	3.000	Ea
2540	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	608.000	Ft
2550	Pavt Mrkg, Polyurea, 12 inch, White	8110111	4,606.000	Ft
2560	Pavt Mrkg, Polyurea, 12 inch, Yellow	8110112	108.000	Ft
2570	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	263.000	Ft
2580	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	93,263.000	Ft
2590	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	72,916.000	Ft
2600	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,550.000	Ft
2610	Pavt Mrkg, Sprayable Thermopl, 12 inch, Yellow	8110160	180.000	Ft
2620	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
2630	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	108.000	Ft
2640	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,445.000	Ft
2650	Rem Spec Mrkg	8110343	720.000	Sft
2660	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
2670	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	21.000	Ea
2680	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
2690	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
2700	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	13.000	Ea
2710	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
2720	Recessing Pavt Mrkg, Longit	8110450	28,562.000	Ft
2730	Recessing Pavt Mrkg, Transv	8110451	1,535.000	Sft
2740	Recessing Pavt Mrkg, Guide Line	8110453	285.000	Ft
2750	_ Pavt Mrkg, Ovly Plastic, 6 inch, Dotted Turning Guide Line, White	8117001	285.000	Ft
2760	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	75.000	Ea
2770	Barricade, Type III, High Intensity, Double Sided,	8120013	75.000	Ea

	Lighted, Oper			
2780	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	9.000	Ea
2790	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	6.000	Ea
2800	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	6.000	Ea
2810	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	8.000	Ea
2820	Conc Barrier, Temp, Adj	8120080	2,690.000	Ft
2830	Conc Barrier, Temp, Furn	8120081	6,664.000	Ft
2840	Conc Barrier, Temp, Oper	8120082	6,664.000	Ft
2850	Conc Barrier, Temp, Relocated	8120083	5,775.000	Ft
2860	Delineator, Flexible, Temp, Furn	8120091	60.000	Ea
2870	Delineator, Flexible, Temp, Oper	8120092	60.000	Ea
2880	Glare Screen, Temp	8120094	1,660.000	Ft
2890	Glare Screen, Temp, Relocated	8120095	1,660.000	Ft
2900	Glare Screen, Temp, Complete Section, Replaced	8120096	5.000	Ea
2910	Tubular Marker	8120097	150.000	Ea
2920	Tubular Marker, Replacement	8120098	15.000	Ea
2930	High Intensity Light, Type B, Furn	8120110	6.000	Ea
2940	High Intensity Light, Type B, Oper	8120111	6.000	Ea
2950	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
2960	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
2970	Ltg for Night Work	8120160	1.000	LSUM
2980	Minor Traf Devices	8120170	1.000	LSUM
2990	Mobile Attenuator	8120180	3.000	Ea
3000	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	82,585.000	Ft
3010	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,450.000	Ft
3020	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	74.000	Ft
3030	Plastic Drum, Fluorescent, Furn	8120252	1,205.000	Ea
3040	Plastic Drum, Fluorescent, Oper	8120253	1,205.000	Ea
3050	Sign Cover	8120310	75.000	Ea
3060	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	9.000	Ea
3070	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	9.000	Ea
3080	Sign, Type A, Temp, Prismatic, Furn	8120340	177.000	Sft
3090	Sign, Type A, Temp, Prismatic, Oper	8120341	177.000	Sft
3100	Sign, Type B, Temp, Prismatic, Furn	8120350	6,431.000	Sft
3110	Sign, Type B, Temp, Prismatic, Oper	8120351	6,431.000	Sft
3120	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	648.000	Sft
3130	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	648.000	Sft
3140	Traf Regulator Control	8120370	1.000	LSUM
3150	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	99,163.000	Ft
3160	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	54,221.000	Ft
3170	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	41,904.000	Ft
3180	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch,	8122006	19,959.000	Ft

Yellow, Temp				
3190	Speed Radar Trailer, Temp	8122028	2.000	Ea
3200	Temp Rumble Strips (Orange)	8122030	1,296.000	Ft
3210	_ Driveway Maintenance	8127050	3.000	Ea
3220	_ Heavy Duty Wrecker	8127050	1.000	Ea
3230	_ Intersection Maintenance	8127050	3.000	Ea
3240	_ Light Duty Wrecker	8127050	5.000	Ea
3250	_ Medium Duty Wrecker	8127050	3.000	Ea
3260	Riprap, Heavy	8130005	533.000	Syd
3270	Riprap, Plain	8130010	718.000	Syd
3280	Riprap, Plain, LM	8130012	209.000	Cyd
3290	_ Riprap, Special, Class II	8137031	240.000	Ton
3300	Site Preparation, Max \$9,570.00	8150001	1.000	LSUM
3310	Watering and Cultivating, First Season, Min \$4,650.00	8150002	1.000	LSUM
3320	Watering and Cultivating, Second Season, Min \$5,740.00	8150003	1.000	LSUM
3330	_ Acer pseudoplatanus, 1-1/2 inch	8157050	14.000	Ea
3340	_ Acer rubrum 'Red Sunset', 1-1/2 inch	8157050	6.000	Ea
3350	_ Acer saccharum 'Green Mountain', 1-1/2 inch	8157050	6.000	Ea
3360	_ Acer x freemannii 'Autmn Blaze', 1-1/2 inch	8157050	18.000	Ea
3370	_ Amelanchier x grandifolia 'Robin Hill', 1 1/2 inch	8157050	9.000	Ea
3380	_ Malus 'David', 1 1/2 inch	8157050	5.000	Ea
3390	_ Malus 'Prairie Fire', 1 1/2 inch	8157050	10.000	Ea
3400	_ Picea glauca, 6 Foot	8157050	10.000	Ea
3410	_ Picea pungens, 6 Foot	8157050	11.000	Ea
3420	_ Pinus nigra, 6 Foot	8157050	13.000	Ea
3430	_ Ulmus americana 'Valley Forge', 1-1/2 inch	8157050	8.000	Ea
3440	Water, Sodding/Seeding	8160090	5.000	Unit
3450	Slope Restoration, Type B	8160101	222.000	Syd
3460	_ Detention Seed Mixture, Custom	8167011	9,384.000	Syd
3470	_ Slope Restoration Freeway, Pneumatic Type A	8167011	148,184.000	Syd
3480	_ Slope Restoration Freeway, Pneumatic Type B	8167011	17,183.000	Syd
3490	_ Slope Restoration Freeway, Pneumatic Type C	8167011	8,584.000	Syd
3500	_ Slope Restoration, Bonded Fiber Matrix	8167011	11,486.000	Syd
3510	Cable, Rem	8190016	1,790.000	Ft
3520	Conduit, DB, 1, 1 1/2 inch	8190027	195.000	Ft
3530	Conduit, DB, 1, 3 inch	8190029	357.000	Ft
3540	Conduit, DB, 2, 3 inch	8190032	10.000	Ft
3550	Conduit, DB, 3, 3 inch	8190035	369.000	Ft
3560	Conduit, DB, 4, 3 inch	8190038	19.000	Ft
3570	Conduit, Encased, 1, 3 inch	8190058	142.000	Ft
3580	Conduit, Fiberglass, 1 inch	8190085	539.000	Ft
3590	Conduit, Rem	8190140	600.000	Ft
3600	Conduit, Schedule 80 PVC, 3 inch	8190159	4,904.000	Ft
3610	DB Cable, in Conduit, 600V, 1/C#1/0	8190200	1,678.000	Ft

3620	DB Cable, in Conduit, 600V, 1/C#2	8190201	3,060.000	Ft
3630	Elec Serv, Rem	8190225	2.000	Ea
3640	Cable, Equipment Grounding Wire, 1/C#1/0	8190230	210.000	Ft
3650	Cable, Equipment Grounding Wire, 1/C#12	8190239	1,000.000	Ft
3660	Hh, Heavy Duty Cover	8190246	28.000	Ea
3670	Hh, Polymer Conc	8190250	2.000	Ea
3680	Hh, Rem	8190254	4.000	Ea
3690	Hh, Round, 3 foot dia	8190259	3.000	Ea
3700	Hh, Round	8190260	10.000	Ea
3710	Light Std Arm, 12 foot	8190268	16.000	Ea
3720	Light Std Fdn	8190279	21.000	Ea
3730	Light Std, Frangible Transformer Base	8190281	16.000	Ea
3740	Light Std Shaft, 31 foot to 40 foot	8190286	5.000	Ea
3750	Light Std Shaft, 31 foot to 40 foot, Single Arm	8190291	16.000	Ea
3760	Cable, Sec, Triplex, 1, 3/C#4	8190418	78.000	Ft
3770	Tower Ltg Unit, Fdn Cased	8190450	40.000	Ft
3780	Wood Pole, Cl 4, 40 foot	8190473	1.000	Ea
3790	Wood Pole, Fit Up, Mult Ltg Cable Pole	8190491	2.000	Ea
3800	Wood Pole, Fit Up, Sec Serv Pole	8190496	2.000	Ea
3810	Conduit, Directional Bore, 1, 3 inch	8190602	1,200.000	Ft
3820	Conduit, Directional Bore, 3, 3 inch	8190606	325.000	Ft
3830	_ Cable, Equipment Grounding Wire, 1/C#4, Aluminum	8197001	2,565.000	Ft
3840	_ Cable, Equipment Grounding Wire, 1/C#6, Aluminum	8197001	1,585.000	Ft
3850	_ Cable, Equipment Grounding Wire, 1/C#8, Aluminum	8197001	2,480.000	Ft
3860	_ Cable, Sec, 600V, 1, 4/C#6	8197001	135.000	Ft
3870	_ Conduit, DB, 1, 1 inch	8197001	10.000	Ft
3880	_ Conduit, Directional Bore, 1, 2 inch	8197001	195.000	Ft
3890	_ DB Cable, in Conduit, 600V 1/C#4, Aluminum	8197001	5,464.000	Ft
3900	_ DB Cable, in Conduit, 600V 1/C#6, Aluminum	8197001	4,388.000	Ft
3910	_ DB Cable, in Conduit, 600V 1/C#8, Aluminum	8197001	5,347.000	Ft
3920	_ Hh, Round, Elec	8197050	4.000	Ea
3930	_ Lighting Control Panel	8197050	1.000	Ea
3940	_ Luminaire, LED, Tower	8197050	16.000	Ea
3950	_ Luminaire, Parking Lot	8197050	5.000	Ea
3960	_ Luminaire, Roadway	8197050	16.000	Ea
3970	_ Tower Lighting Unit, 100 Foot	8197050	2.000	Ea
3980	_ Underbridge Lighting Fixture, Overhead	8197050	10.000	Ea
3990	_ Underbridge Wiring System	8197050	1.000	Ea
4000	_ Utility, Elec	8197060	10,000.000	Dlr
4010	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	13.000	Ea
4020	Controller Fdn, Base Mount	8200045	2.000	Ea
4030	Digital Loop Detector	8200055	2.000	Ea
4040	Fdn, Rem	8200065	2.000	Ea
4050	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
4060	Pedestal, Alum	8200100	4.000	Ea

4070	Pedestal, Fdn	8200105	2.000	Ea
4080	Power Co. (Est. Cost to Contractor)	8200116	6,933.000	Dir
4090	Pushbutton and Sign	8200121	4.000	Ea
4100	Serv Disconnect	8200135	2.000	Ea
4110	Span Wire	8200140	2.000	Ea
4120	Span Wire Tether	8200142	2.000	Ea
4130	Traf Loop	8200170	6.000	Ea
4140	Cabinet, Rem	8200184	1.000	Ea
4150	Cabinet, NEMA Type	8200186	1.000	Ea
4160	TS, One Way Span Wire Mtd (LED)	8200313	11.000	Ea
4170	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
4180	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
4190	TS, One Way Pedestal Mtd (LED)	8200340	4.000	Ea
4200	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
4210	Strain Pole, Steel, 6 bolt, 40 foot	8200462	4.000	Ea
4220	Strain Pole Fdn, 6 Bolt	8200470	28.000	Ft
4230	Casing	8200480	21.000	Ft
4240	Cellular Modem, TS, 4G	8200498	1.000	Ea
4250	TS Uninterruptible Power System	8200500	1.000	Ea
4260	Backplate, TS	8200501	17.000	Ea
4270	_ Drilled Shaft, 36 inch	8207001	15.000	Ft
4280	_ Controller, NEMA ATC Type	8207050	1.000	Ea
4290	_ ITS Cabinet, Gound Mtd, Install Salv	8207050	1.000	Ea
4300	Monument Preservation	8210010	2.000	Ea
4310	Protect Corners	8210020	15.000	Ea
4320	Shoulder Corrugations, Ground or Cut, HMA	8220001	70,631.000	Ft
4330	Contractor Staking	8240001	1.000	LSUM
4340	Staking Plan Errors and Extras, One Person	8240020	200.000	Hr
4350	Staking Plan Errors and Extras, Two Person	8240021	80.000	Hr
4360	Staking Plan Errors and Extras, Three Person	8240022	119.000	Hr
4370	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
4380	Lightning Protection, Pole	8260021	2.000	Ea
4390	Microwave Vehicle Detection System, Rem and Salv	8260041	1.000	Ea
4400	Microwave Vehicle Detection System, Install Salv	8260042	1.000	Ea
4410	Managed Field Ethernet Switch, Rem and Salv	8260084	1.000	Ea
4420	Managed Field Ethernet Switch, Install Salv	8260085	1.000	Ea
4430	Power Serv, Overhead, 30A, 120/240V	8260104	1.000	Ea
4440	Uninterruptible Power Supply, Rem and Salv	8260143	1.000	Ea
4450	Uninterruptible Power Supply, Install Salv Uninterruptible Power Supply, Install Salv	8260144	1.000	Ea
4460	Flowable Fill, Non-Structural	8260148	357.000	Cyd
4470	_ System Integration and Testing	8267051	1.000	LSUM
4480	_ Railroad Protection, At Grade Crossing	8507060	4,000.000	Dir

Section: 2

4490	Asbestos Materials, Rem and Disposal	2040001	85,650.000	Dir
4500	Structures, Rem (S04 of 03112)	2040060	1.000	LSUM
4510	Backfill, Structure, CIP	2060002	7,840.000	Cyd
4520	Backfill, Select	2060004	12,860.000	Cyd
4530	Excavation, Fdn	2060010	33,000.000	Cyd
4540	Open-Graded Dr Cse, 5 inch	3030005	200.000	Syd
4550	_ Geotextile, Separator, Non-Woven	3087011	1,272.000	Syd
4560	Underdrain, Fdn, 4 inch	4040031	2,000.000	Ft
4570	Underdrain Outlet, 4 inch	4040091	300.000	Ft
4580	Underdrain, Outlet Ending, 4 inch	4040111	20.000	Ea
4590	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	1,450.000	Sft
4600	Prebore, Fdn Piling	7050001	520.000	Ft
4610	Pile Driving Equipment, Furn (S04 of 03112)	7050002	1.000	LSUM
4620	Pile, Steel, Furn and Driven, 14 inch	7050034	21,160.000	Ft
4630	Pile Point, Steel	7050039	180.000	Ea
4640	Pile, Steel, Splice	7050050	360.000	Ea
4650	_ Pile Protection	7057001	1,602.000	Ft
4660	_ Test Pile, Dynamic Analysis	7057050	6.000	Ea
4670	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	6.000	Ea
4680	Bridge Ltg, Furn and Rem (S04 of 03112)	7060001	1.000	LSUM
4690	Bridge Ltg, Oper and Maintain	7060002	1,127.000	Cyd
4700	Elec Grounding System	7060040	1.000	Ea
4710	Expansion Joint Device	7060050	480.000	Ft
4720	False Decking	7060060	33,380.000	Sft
4730	Reinforcement, Steel, Epoxy Coated	7060092	403,299.000	Lb
4740	Substructure Conc, High Performance	7060101	935.000	Cyd
4750	Superstructure Conc, Form, Finish, and Cure (S04 of 03112)	7060111	1.000	LSUM
4760	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04 of 03112)	7060112	1.000	LSUM
4770	Superstructure Conc, High Performance	7060116	305.000	Cyd
4780	Superstructure Conc, Night Casting, High Performance	7060117	1,127.000	Cyd
4790	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	10,350.000	Sft
4800	Mechanically Stabilized Earth Wall, Precast, Install	7060201	10,350.000	Sft
4810	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	2,900.000	Sft
4820	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	2,900.000	Sft
4830	Mechanically Stabilized Earth Wall Coping, CIP	7060207	664.000	Ft
4840	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	664.000	Ft
4850	Liner, PVC, 30 mil	7060209	3,500.000	Syd
4860	_ Conduit, 1 1/2 inch	7067001	85.000	Ft
4870	_ Conc Stone Stain	7067011	613.000	Syd
4880	_ Simulated Stone Masonry	7067011	83.000	Syd

4890	_ Texturing Conc	7067011	14.000	Syd
4900	Bearing, Elastomeric, 1 3/4 inch	7070015	18,240.000	Sin
4910	Shear Developers (S04 of 03112)	7070040	1.000	LSUM
4920	Structural Steel, Mixed, Erect	7070050	8,892.000	Lb
4930	Structural Steel, Mixed, Furn and Fab	7070051	8,892.000	Lb
4940	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	17,350.000	Lb
4950	Steel Diaphragm, Prest Conc Beam, Erect	7070054	17,350.000	Lb
4960	Prest Conc I Beam, Furn, 45 inch	7080029	2,817.000	Ft
4970	Prest Conc I Beam, Erect, 45 inch	7080030	2,817.000	Ft
4980	Joint Waterproofing	7100001	216.000	Sft
4990	Joint Waterproofing, Expansion	7100003	719.000	Sft
5000	Conc Surface Coating, Warranty (S04 of 03112)	7100009	1.000	LSUM
5010	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	199.000	Ft
5020	_ Bridge Barrier Railing, Aesthetic, High Performance	7117001	199.000	Ft
5030	_ Ornamental Railing, Type 1B (Comerica)	7117001	135.000	Ft
5040	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	106.000	Ea
5050	Reinforcement, Mechanical Splice	7120084	4.000	Ea
5060	_ Strain Pole Anchor Bolts at Pier	8107051	1.000	LSUM
5070	Conduit, Schedule 80 PVC, 1 1/2 inch, Structure	8190176	35.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 201106 008

Letting Date: November 6, 2020

Contract ID: 83053-132042

Description: Bridge superstructure replacement, substructure repair and approach reconstruction on M-115 over Manistee River, Wexford County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132042A	20A1138	N/A	ST 83053

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$186,100.00	1500001	1.000	LSUM
0020	Embankment, LM	2050011	100.000	Cyd
0030	Excavation, Earth	2050016	1,780.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0050	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0060	Erosion Control, Silt Fence	2080036	1,285.000	Ft
0070	Subbase, CIP	3010002	1,220.000	Cyd
0080	Aggregate Base	3020001	731.000	Ton
0090	Approach, CI II	3070021	8.000	Ton
0100	Shoulder, CI II	3070121	40.000	Ton
0110	HMA Surface, Rem	5010005	2,080.000	Syd
0120	HMA Quality Initiative	5010007	1,650.000	Dlr
0130	HMA Approach	5010061	685.000	Ton
0140	Joint, Expansion, E3	6020208	76.000	Ft
0150	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	144.000	Syd
0160	Curb and Gutter, Bridge Approach	8020010	114.000	Ft
0170	Guardrail, Type MGS-8	8070004	908.000	Ft
0180	Guardrail, Curved, Type B	8070010	63.000	Ft
0190	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0200	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0210	Guardrail, Salv	8070075	1,497.000	Ft
0220	Guardrail Reflector	8070080	51.000	Ea
0230	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0240	Delineator Reflector, Green	8100133	4.000	Ea
0250	Delineator, Rem	8100349	8.000	Ea
0260	Post, Rigid, Delineator	8100361	4.000	Ea
0270	Post, Steel, 3 lb	8100371	224.000	Ft

0280	Sign, Type III, Rem	8100403	20.000	Ea
0290	Sign, Type IIIA	8100404	16.000	Sft
0300	Sign, Type IIIB	8100405	38.000	Sft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,973.000	Ft
0320	Pavt Mrkg, Waterborne, 6 inch, White	8110233	77,950.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	173.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,380.000	Ft
0350	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	46.000	Ft
0360	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	360.000	Ft
0370	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0380	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	1,155.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0430	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea
0440	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0450	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0460	Sign, Type A, Temp, Prismatic, Furn	8120340	252.000	Sft
0470	Sign, Type A, Temp, Prismatic, Oper	8120341	252.000	Sft
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	780.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	780.000	Sft
0500	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	138.000	Sft
0510	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	138.000	Sft
0520	_ Temp Rumble Strips (Orange), Stop Condition	8127001	4,842.000	Ft
0530	Riprap, Plain	8130010	45.000	Syd
0540	Fertilizer, Chemical Nutrient, CI A	8160020	53.000	Lb
0550	Seeding, Mixture TDS	8160037	67.000	Lb
0560	Topsoil Surface, Furn, 3 inch	8160061	1,460.000	Syd
0570	_ Mulch Blanket, Modified	8167011	1,460.000	Syd
0580	Contractor Staking	8240001	1.000	LSUM
0590	Staking Plan Errors and Extras, One Person	8240020	30.000	Hr
0600	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr
0610	Staking Plan Errors and Extras, Three Person	8240022	18.000	Hr

Section: 2

0620	Backfill, Structure, CIP	2060002	141.000	Cyd
0630	Excavation, Fdn	2060010	141.000	Cyd
0640	Underdrain, Fdn, 4 inch	4040031	116.000	Ft
0650	Underdrain Outlet, 4 inch	4040091	16.000	Ft
0660	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0670	Bridge Ltg, Furn and Rem (B01 of 83053)	7060001	1.000	LSUM
0680	Bridge Ltg, Oper and Maintain	7060002	217.000	Cyd

0690	Expansion Joint Device	7060050	81.000	Ft
0700	False Decking	7060060	9,778.000	Sft
0710	Reinforcement, Steel, Epoxy Coated	7060092	49,121.000	Lb
0720	Substructure Conc, High Performance	7060101	31.000	Cyd
0730	Superstructure Conc, Form, Finish, and Cure (B01 of 83053)	7060111	1.000	LSUM
0740	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 83053)	7060112	1.000	LSUM
0750	Superstructure Conc, High Performance	7060116	41.000	Cyd
0760	Superstructure Conc, Night Casting, High Performance	7060117	217.000	Cyd
0770	Bearing, Elastomeric, 2 1/4 inch	7070017	6,384.000	Sin
0780	Shear Developers (B01 of 83053)	7070040	1.000	LSUM
0790	Structural Steel, Plate, Erect	7070060	202,200.000	Lb
0800	Structural Steel, Plate, Furn and Fab	7070061	202,200.000	Lb
0810	Joint Waterproofing	7100001	425.000	Sft
0820	Conc Surface Coating, Warranty (B01 of 83053)	7100009	1.000	LSUM
0830	Substructure Horizontal Surface Sealer (B01 of 83053)	7100030	49.000	Syd
0840	Bridge Railing, 4 Tube	7110010	360.000	Ft
0850	Hand Chipping, Other Than Deck	7120007	3.000	Cft
0860	Patch, Forming	7120017	6.000	Sft
0870	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	130.000	Ea
0880	Structures, Rehabilitation, Rem Portions (B01 of 83053)	7120070	1.000	LSUM
0890	Reinforcement, Mechanical Splice	7120084	256.000	Ea
0900	Patching Conc, C-L	7120112	1.000	Cyd
0910	Embedded Galvanic Anode	7120120	264.000	Ea
0920	Field Repair of Damaged Coating (B01 of 83053)	7160001	1.000	LSUM

**Schedule of Pay Items**

Report v1

Letting Call: 201106 009**Letting Date:** November 6, 2020**Contract ID:** 04000-127913

Description: Bridge replacement with 36 by 49 prestressed bulb-tee beams, steel sheet piling, cofferdams, steel piles, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, culverts, sewer, guardrail, approach work and pavement markings on Bagley Street over Thunder Bay River, Alpena County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127913A	20A1048	N/A	BHT 04000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$658,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0060	Curb and Gutter, Rem	2040020	375.000	Ft
0070	Guardrail, Rem	2040035	1,210.000	Ft
0080	Pavt, Rem	2040050	32.000	Syd
0090	Sidewalk, Rem	2040055	9.000	Syd
0100	Exploratory Investigation, Vertical	2040080	60.000	Ft
0110	Excavation, Earth	2050016	9,108.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0140	_ Embankment, CIP, Special	2057021	7,388.000	Cyd
0150	Erosion Control, Check Dam, Stone	2080012	75.000	Ft
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	2.000	Cyd
0190	Erosion Control, Sediment Trap	2080034	5.000	Ea
0200	Erosion Control, Silt Fence	2080036	1,640.000	Ft
0210	Erosion Control, Turbidity Curtain, Shallow	2080044	60.000	Ft
0220	Project Cleanup	2090001	1.000	LSUM
0230	Subbase, CIP	3010002	4,669.000	Cyd
0240	_ Aggregate Base, 6 inch, Modified	3027011	8,562.000	Syd
0250	Shoulder, CI II, 8 inch	3070130	1,074.000	Syd
0260	Geotextile, Separator	3080005	620.000	Syd

0270	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0280	Culv, CI E, 36 inch	4010544	113.000	Ft
0290	Sewer, CI A, 12 inch, Tr Det B	4020033	401.000	Ft
0300	Sewer, CI A, 15 inch, Tr Det B	4020034	198.000	Ft
0310	Sewer, CI A, 18 inch, Tr Det B	4020035	96.000	Ft
0320	Sewer, CI A, 24 inch, Tr Det B	4020036	18.000	Ft
0330	Trench Undercut and Backfill	4021260	100.000	Cyd
0340	Video Taping Sewer and Culv Pipe	4021275	826.000	Ft
0350	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0360	Dr Structure Cover, Type B	4030010	2.000	Ea
0370	Dr Structure Cover, Type C	4030015	14.000	Ea
0380	Dr Structure Cover, Type G	4030040	3.000	Ea
0390	Dr Structure, 24 inch dia	4030200	7.000	Ea
0400	Dr Structure, 48 inch dia	4030210	15.000	Ea
0410	_ Dr Structure Cover , ADA Compliant	4037050	3.000	Ea
0420	Underdrain, Subbase, 6 inch	4040063	2,545.000	Ft
0430	Underdrain, Subgrade, 6 inch	4040073	400.000	Ft
0440	Underdrain Outlet, 6 inch	4040093	400.000	Ft
0450	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0460	_ Culvert Bedding	4067021	20.000	Cyd
0470	Cold Milling HMA Surface	5010002	1,193.000	Syd
0480	HMA Surface, Rem	5010005	5,193.000	Syd
0490	HMA, 3E3	5010045	992.000	Ton
0500	HMA, 4E3	5010051	708.000	Ton
0510	HMA, 5E3	5010057	747.000	Ton
0520	HMA Approach	5010061	584.000	Ton
0530	Reinforcement, Steel, Culv and Headwall	7060091	205.000	Lb
0540	Curb and Gutter, Bridge Approach	8020010	74.000	Ft
0550	Curb and Gutter, Conc, Det D2	8020031	576.000	Ft
0560	Curb and Gutter, Conc, Det F4	8020038	244.000	Ft
0570	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
0580	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0590	Spillway, Conc	8020075	31.000	Ft
0600	Detectable Warning Surface	8030010	80.000	Ft
0610	Curb Ramp Opening, Conc	8030030	22.000	Ft
0620	Sidewalk Ramp, Conc, 4 inch	8030034	2,548.000	Sft
0630	Sidewalk, Conc, 4 inch	8030044	11,043.000	Sft
0640	Sidewalk, Conc, 6 inch	8030046	535.000	Sft
0650	Guardrail, Type MGS-8	8070004	775.000	Ft
0660	Guardrail, Curved, Type MGS-8	8070012	100.000	Ft
0670	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0680	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0690	Guardrail Reflector	8070080	32.000	Ea
0700	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0710	_ Rub Rail	8077001	1,058.000	Ft

0720	Delineator Reflector, Green	8100133	6.000	Ea
0730	Post, Rigid, Delineator	8100361	6.000	Ea
0740	Post, Steel, 3 lb	8100371	127.000	Ft
0750	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0760	Sign, Type II, Rem	8100397	1.000	Ea
0770	Sign, Type IIA	8100398	33.000	Sft
0780	Sign, Type IIB	8100399	8.000	Sft
0790	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0800	Sign, Type III, Rem	8100403	12.000	Ea
0810	Sign, Type IIIA	8100404	12.000	Sft
0820	Sign, Type IIIB	8100405	10.000	Sft
0830	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0840	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0850	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0860	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0870	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,935.000	Ft
0880	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,395.000	Ft
0890	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,645.000	Ft
0900	Rem Spec Mrkg	8110343	128.000	Sft
0910	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0920	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0930	Minor Traf Devices	8120170	1.000	LSUM
0940	Part Width Intersection Construction	8120190	2.000	Ea
0950	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	614.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,215.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,745.000	Ft
0980	Plastic Drum, Fluorescent, Furn	8120252	140.000	Ea
0990	Plastic Drum, Fluorescent, Oper	8120253	140.000	Ea
1000	Sign Cover	8120310	6.000	Ea
1010	Sign, Type A, Temp, Prismatic, Furn	8120340	9.000	Sft
1020	Sign, Type A, Temp, Prismatic, Oper	8120341	9.000	Sft
1030	Sign, Type B, Temp, Prismatic, Furn	8120350	714.000	Sft
1040	Sign, Type B, Temp, Prismatic, Oper	8120351	714.000	Sft
1050	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	180.000	Sft
1060	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	180.000	Sft
1070	Riprap, Plain	8130010	120.000	Syd
1080	Ditch, Plain Cobble	8140005	180.000	Syd
1090	Mulch Blanket	8160027	2,453.000	Syd
1100	Mulch Blanket, High Velocity	8160028	2,667.000	Syd
1110	_ Slope Restoration	8167011	7,000.000	Syd
1120	_ Turf Reinforcement Mat, Permanent	8167011	973.000	Syd
1130	Conduit, Schedule 80 PVC, 2 inch	8190157	90.000	Ft
1140	Conduit, Schedule 80 PVC, 3 inch	8190159	150.000	Ft

1150	DB Cable, in Conduit, 600V, 1/C#10	8190213	2,495.000	Ft
1160	Cable, Equipment Grounding Wire, 1/C#10	8190238	875.000	Ft
1170	Hh, Polymer Conc	8190250	2.000	Ea
1180	_ Light Std, Bridge	8197050	8.000	Ea
1190	_ Lighting Control Panel, Ground Mtd	8197050	1.000	Ea
1200	Power Co. (Est. Cost to Contractor)	8200116	6,000.000	Dlr
1210	Monument Box Adjust	8210005	1.000	Ea
1220	Monument Preservation	8210010	1.000	Ea
1230	Protect Corners	8210020	2.000	Ea
1240	_ HDPE Water Main, Grout	8237001	820.000	Ft
1250	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	120.000	Ft
1260	_ Water Main, HDPE, DR 11, 12 inch, Directional Drill	8237001	800.000	Ft
1270	_ Bend, DI, 45 degree, 12 inch	8237050	2.000	Ea
1280	_ Connect to Existing Water Main	8237050	2.000	Ea
1290	_ Hydrant, Adj	8237050	2.000	Ea
1300	_ Testing and Chlorination	8237050	1.000	Ea
1310	_ Drill Mobilization	8237051	1.000	LSUM

Section: 2

1320	Structures, Rem Portions (B1 of 4-1-11)	2040061	1.000	LSUM
1330	Backfill, Structure, CIP	2060002	1,431.000	Cyd
1340	Excavation, Fdn	2060010	3,424.000	Cyd
1350	_ Fill, Low Density Cellular Concrete, Class II	2067021	250.000	Cyd
1360	_ Fill, Low Density Cellular Concrete, Class IV	2067021	175.000	Cyd
1370	Erosion Control, Filter Bag	2080014	10.000	Ea
1380	_ Aggregate Base, LM, Modified	3027021	701.000	Cyd
1390	Underdrain, Fdn, 4 inch	4040031	1,300.000	Ft
1400	Underdrain Outlet, 4 inch	4040091	80.000	Ft
1410	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
1420	Steel Sheet Piling, Permanent	7040001	14,880.000	Sft
1430	Cofferdams (B1 of 4-1-11)	7040007	1.000	LSUM
1440	Pile Driving Equipment, Furn (B1 of 4-1-11)	7050002	1.000	LSUM
1450	Pile, Steel, Furn and Driven, 14 inch	7050034	4,680.000	Ft
1460	Test Pile, Steel, 14 inch	7050035	10.000	Ea
1470	Pile Point, Steel	7050039	121.000	Ea
1480	Pile, Steel, Splice	7050050	20.000	Ea
1490	Bridge Ltg, Furn and Rem (B1 of 4-1-11)	7060001	1.000	LSUM
1500	Bridge Ltg, Oper and Maintain	7060002	974.000	Cyd
1510	Conc, Grade S2	7060011	6.000	Cyd
1520	Conc, Grade T	7060013	748.000	Cyd
1530	Expansion Joint Device	7060050	176.000	Ft
1540	Expansion Joint Device, Cover Plate	7060051	51.000	Ft
1550	False Decking	7060060	36,285.000	Sft
1560	Reinforcement, Steel	7060090	27,321.000	Lb
1570	Reinforcement, Steel, Epoxy Coated	7060092	375,107.000	Lb

1580	Substructure Conc	7060100	1,279.000	Cyd
1590	Superstructure Conc	7060110	165.000	Cyd
1600	Superstructure Conc, Form, Finish, and Cure (B1 of 4-1-11)	7060111	1.000	LSUM
1610	Superstructure Conc, Form, Finish, and Cure, Night Casting (B1 of 4-1-11)	7060112	1.000	LSUM
1620	Superstructure Conc, Night Casting	7060113	974.000	Cyd
1630	_ Conduit, 1 1/4 inch	7067001	10.000	Ft
1640	_ Conduit, 2 inch	7067001	1,153.000	Ft
1650	_ Texturing Conc	7067011	365.000	Syd
1660	Shear Developers (B1 of 4-1-11)	7070040	1.000	LSUM
1670	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	6,760.000	Lb
1680	Steel Diaphragm, Prest Conc Beam, Erect	7070054	6,760.000	Lb
1690	Structural Steel, Plate, Erect	7070060	1,612.000	Lb
1700	Structural Steel, Plate, Furn and Fab	7070061	1,612.000	Lb
1710	_ Bearing, Elastomeric, 2 5/8 inch	7077008	23,680.000	Sin
1720	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	3,176.000	Ft
1730	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	3,176.000	Ft
1740	Joint Waterproofing	7100001	226.000	Sft
1750	Conc Surface Coating (B1 of 4-1-11)	7100010	1.000	LSUM
1760	Reflective Marker, Permanent Barrier	7110003	14.000	Ea
1770	Bridge Railing, 3 Tube with Pickets	7110009	778.000	Ft
1780	Bridge Barrier Railing, Type 6	7110011	730.000	Ft
1790	_ Structure Name Plate, Special	7117050	2.000	Ea
1800	Bolt, Adhesive Anchored, 3/4 inch	7120042	48.000	Ea
1810	Riprap, Heavy	8130005	585.000	Syd
1820	_ Temporary Haul Roads	8507051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 010

Letting Date: November 6, 2020

Contract ID: 61000-130777

Description: 2.10 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Whitehall Road from River Road to Bard Road, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130777A	20A0852	N/A	STUL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$59,500.00	1500001	1.000	LSUM
0020	Approach, CI I	3070001	207.000	Ton
0030	Shoulder, CI II	3070121	1,166.000	Ton
0040	HMA, 4E1	5010050	5,408.000	Ton
0050	_ Cold Milling HMA Surface, Modified	5017011	46,816.000	Syd
0060	_ Hauling Millings	5017011	46,816.000	Syd
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	23,142.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,522.000	Ft
0090	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	76.000	Ft
0100	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	2.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,581.000	Ft
0170	Plastic Drum, Fluorescent, Furn	8120252	275.000	Ea
0180	Plastic Drum, Fluorescent, Oper	8120253	275.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 011

Letting Date: November 6, 2020

Contract ID: 56031-207193

Description: Curve signing and reflective post sheeting on various routes, Midland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207193A	20A1146	N/A	HSIP 56031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,000.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	18,568.000	Ft
0030	Sign, Type III, Rem	8100403	679.000	Ea
0040	Sign, Type IIIB	8100405	5,210.000	Sft
0050	Sign, Type V, Rem	8100421	137.000	Ea
0060	Sign, Type VB	8100425	1,248.000	Sft
0070	Reflective Panel for Permanent Sign Support, 3 foot	8100613	422.000	Ea
0080	Reflective Panel for Permanent Sign Support, 6 foot	8100616	799.000	Ea
0090	_ Maintenance of Traf	8127051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 012

Letting Date: November 6, 2020

Contract ID: 33000-130507

Description: 0.10 mi of construction of a shared use path, and concrete curb, gutter and sidewalk ramps from Cavanaugh Road to Forest Road in the city of Lansing, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130507A	20A0913	N/A	CM 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,600.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	33.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	250.000	Ea
0040	Curb and Gutter, Rem	2040020	60.000	Ft
0050	Fence, Rem	2040025	1,559.000	Ft
0060	Guardrail, Rem	2040035	50.000	Ft
0070	_ Pavt, Rem, Modified	2047011	280.000	Syd
0080	Embankment, CIP	2050010	300.000	Cyd
0090	_ Shared Use Path, Grading, Modified	2057002	83.000	Sta
0100	_ Subgrade Undercutting, Special	2057021	500.000	Cyd
0110	Erosion Control, Silt Fence	2080036	12,250.000	Ft
0120	_ Erosion Control, Inlet Protection Fabric Drop, Modified	2087050	2.000	Ea
0130	_ Audiovisual Coverage	2097051	1.000	LSUM
0140	Aggregate Base, 8 inch	3020020	12,950.000	Syd
0150	_ Stone, 1"-3"	3027021	1,950.000	Cyd
0160	Aggregate Surface Cse	3060006	89.000	Ton
0170	Shoulder, CI II, 3 inch	3070125	3,780.000	Syd
0180	_ Geotextile, Separator, Special	3087011	4,430.000	Syd
0190	_ Geotextile, Stabilization, Special	3087011	3,730.000	Syd
0200	Culv, CI E, 12 inch	4010539	420.000	Ft
0210	Culv, CI E, 36 inch	4010544	53.000	Ft
0220	Dr Structure Cover, Type B	4030010	2.000	Ea
0230	Hand Patching	5010025	31.000	Ton
0240	Curb and Gutter, Conc, Det F4	8020038	30.000	Ft
0250	Curb Ramp Opening, Conc	8030030	30.000	Ft
0260	_ Sidewalk Ramp, Conc, 6 inch, Special	8037010	660.000	Sft
0270	_ Sidewalk, ADA Truncated Dome Device	8037010	90.000	Sft

0280	_ Sidewalk, Conc, 4 inch, Special	8037010	622.000	Sft
0290	_ Extra Sacks of Cement	8037050	50.000	Ea
0300	Shared use Path, HMA	8060040	1,290.000	Ton
0310	Fence Gate, 12 foot, for Woven Wire	8080005	1.000	Ea
0320	Fence, Chain Link, 48 inch	8080011	959.000	Ft
0330	Fence, Chain Link, 72 inch	8080013	400.000	Ft
0340	_ Fence, Wood, Privacy, 72 inch	8087001	350.000	Ft
0350	_ Fence, Woven Wire with Steel Post	8087001	2,410.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	60.000	Ft
0370	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0380	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0410	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0420	Sign, Type A, Temp, Prismatic, Furn	8120340	320.000	Sft
0430	Sign, Type A, Temp, Prismatic, Oper	8120341	320.000	Sft
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0470	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Riprap, Plain	8130010	27.000	Syd
0500	Sodding	8160055	530.000	Syd
0510	_ Parkway Restoration	8167002	28.000	Sta
0520	_ Seeding Mixture, CR	8167030	90.000	Lb
0530	_ Street Sweeping	8507044	12.000	Wk

**Schedule of Pay Items**

Report v1

Letting Call: 201106 013**Letting Date:** November 6, 2020**Contract ID:** 48000-206108**Description:** 2.00 mi of hot mix asphalt resurfacing, aggregate shoulders, guardrail and pavement markings on County Road 407 at the Two Hearted River, Luce County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206108A	20A0945	N/A	STL 48000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$42,200.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	483.000	Ft
0030	Approach, CI II	3070021	55.000	Ton
0040	Shoulder, CI II	3070121	1,271.000	Ton
0050	Pavt for Butt Joints, Rem	5010008	643.000	Syd
0060	HMA Approach	5010061	30.000	Ton
0070	HMA, LVSP	5010703	4,572.000	Ton
0080	Guardrail, Type B	8070000	200.000	Ft
0090	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0100	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0110	Guardrail Reflector	8070080	14.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,120.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,906.000	Ft
0140	Protective Ovly, Snowmobile Trail Crossing	8110550	47.000	Syd
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	106.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	106.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,690.000	Ft
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 014

Letting Date: November 6, 2020

Contract ID: 41000-209724

Description: 0.14 mi of hot mix asphalt reconstruction, sidewalk ramps, sanitary sewer and pavement markings on Foreman Street from east of Beech Street to North Hudson Street in the city of Lowell, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209724A	20A1075	N/A	STUL 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	350.000	Ft
0030	Sidewalk, Rem	2040055	220.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0050	Subbase, CIP	3010002	450.000	Cyd
0060	Aggregate Base, 8 inch	3020020	1,350.000	Syd
0070	Sewer, CI A, 12 inch, Tr Det B	4020033	25.000	Ft
0080	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0090	Cold Milling HMA Surface	5010002	2,400.000	Syd
0100	HMA Surface, Rem	5010005	1,350.000	Syd
0110	Hand Patching	5010025	8.000	Ton
0120	HMA, 13A	5010033	490.000	Ton
0130	Curb and Gutter, Conc, Det F4	8020038	200.000	Ft
0140	Detectable Warning Surface	8030010	50.000	Ft
0150	Curb Ramp Opening, Conc	8030030	150.000	Ft
0160	Sidewalk Ramp, Conc, 6 inch	8030036	800.000	Sft
0170	Sidewalk, Conc, 4 inch	8030044	1,100.000	Sft
0180	Sidewalk, Conc, 6 inch	8030046	125.000	Sft
0190	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	350.000	Ft
0200	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	100.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,400.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,400.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,400.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,400.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea

0270	Pedestrian Type II Barricade, Temp	8120026	11.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0300	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	364.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	364.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Turf Establishment	8167011	300.000	Syd
0370	Gate Box, Adj, Case 1	8230431	9.000	Ea
0380	_ Sanitary Sewer Lateral, 6 inch	8257001	250.000	Ft
0390	_ Sanitary Sewer, 12 inch	8257001	320.000	Ft
0400	_ Sanitary Sewer, 15 inch	8257001	345.000	Ft
0410	_ Sanitary Sewer Wye, 12 inch x 6 inch	8257050	5.000	Ea
0420	_ Sanitary Sewer Wye, 15 inch x 6 inch	8257050	4.000	Ea
0430	_ Sanitary Sewer, 48 inch dia Manhole	8257050	1.000	Ea
0440	_ Sanitary Sewer Service, Maintain	8257051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 015

Letting Date: November 6, 2020

Contract ID: 62011-208279

Description: 0.16 mi of hot mix asphalt reconstruction, concrete curb and gutter, aggregate base, subbase and pavement markings on M-82 from Merchant Avenue east to Steward Avenue in the city of Fremont, Newaygo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208279A	20A1087	N/A	ST 62011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$46,200.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	186.000	Ft
0040	Pavt, Rem	2040050	3,904.000	Syd
0050	Sidewalk, Rem	2040055	12.000	Syd
0060	Excavation, Earth	2050016	2,775.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	700.000	Cyd
0090	_ Embankment, CIP, Special	2057021	151.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0110	Erosion Control, Silt Fence	2080036	100.000	Ft
0120	Subbase, CIP	3010002	2,921.000	Cyd
0130	Aggregate Base, 6 inch	3020016	4,087.000	Syd
0140	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0150	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0160	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0170	Underdrain, Subbase, 6 inch	4040063	1,730.000	Ft
0180	Underdrain, Subgrade, 6 inch	4040073	250.000	Ft
0190	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0200	Cold Milling HMA Surface	5010002	160.000	Syd
0210	HMA Surface, Rem	5010005	3,733.000	Syd
0220	HMA Quality Initiative	5010007	2,272.000	Dlr
0230	Longitudinal Joint Density Quality Initiative	5010018	5,600.000	Dlr
0240	HMA, 4E3	5010051	377.000	Ton
0250	HMA, 4E3, High Stress	5010509	377.000	Ton
0260	HMA, 5E3, High Stress	5010515	303.000	Ton
0270	HMA Approach, High Stress	5010520	79.000	Ton

0280	Driveway, Nonreinf Conc, 6 inch	8010005	40.000	Syd
0290	Driveway, Nonreinf Conc, 8 inch	8010007	113.000	Syd
0300	Curb and Gutter, Conc, Det F2	8020036	20.000	Ft
0310	Curb and Gutter, Conc, Det F4	8020038	1,374.000	Ft
0320	Detectable Warning Surface	8030010	10.000	Ft
0330	Curb Ramp Opening, Conc	8030030	122.000	Ft
0340	Sidewalk Ramp, Conc, 4 inch	8030034	110.000	Sft
0350	_ Hand Digging Sign Post	8107050	57.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	570.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	70.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	80.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,800.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	80.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,800.000	Ft
0450	Barricade, Type III, High Intensity, Lighted, Furn	8120022	22.000	Ea
0460	Barricade, Type III, High Intensity, Lighted, Oper	8120023	22.000	Ea
0470	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Plastic Drum, Fluorescent, Furn	8120252	36.000	Ea
0520	Plastic Drum, Fluorescent, Oper	8120253	36.000	Ea
0530	Sign Cover	8120310	63.000	Ea
0540	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0550	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,136.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,136.000	Sft
0580	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	236.000	Sft
0590	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	236.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Slope Restoration, Type B	8160101	1,300.000	Syd
0620	Monument Box	8210001	2.000	Ea
0630	Monument Preservation	8210010	2.000	Ea
0640	Gate Box, Adj, Case 1	8230431	3.000	Ea
0650	Gate Box, Adj, Case 2	8230432	1.000	Ea
0660	Contractor Staking, Road Only	8240007	1.000	LSUM
0670	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0680	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0690	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

**Schedule of Pay Items**

Report v1

Letting Call: 201106 016**Letting Date:** November 6, 2020**Contract ID:** 17063-131849

Description: 2.66 mi of hot mix asphalt base crushing, shaping and resurfacing, drainage and pavement markings on M-28 from east of I-75 easterly to M-129, Chippewa County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131849A	20A1119	N/A	ST 17063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$131,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	8.000	Ea
0040	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0050	Ditch Cleanout	2050006	13.000	Sta
0060	Excavation, Earth	2050016	5.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0080	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0090	Erosion Control, Sediment Trap	2080034	5.000	Ea
0100	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0110	Subbase, CIP	3010002	52.000	Cyd
0120	Aggregate Base	3020001	365.000	Ton
0130	HMA Base Crushing and Shaping	3050002	58,627.000	Syd
0140	Material, Surplus and Unsuitable, Rem, LM	3050010	458.000	Cyd
0150	Salv Crushed Material, LM	3050015	250.000	Cyd
0160	Maintenance Gravel	3060020	100.000	Ton
0170	Approach, CI II	3070021	250.000	Ton
0180	Shoulder, CI II	3070121	1,319.000	Ton
0190	Shoulder, CI II, Temp	3070170	188.000	Ton
0200	Culv End Sect, Grate	4010083	133.000	Lb
0210	Culv, CI A, Conc, 30 inch	4010169	72.000	Ft
0220	Culv, CI F, Conc, 18 inch	4010643	32.000	Ft
0230	Culv, CI F, Conc, 24 inch	4010644	128.000	Ft
0240	Culv, CI F, Conc, 36 inch	4010646	42.000	Ft
0250	Culv, Reinf Conc Ellip, HE CI IV, 48 inch by 76 inch	4010908	56.000	Ft
0260	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0270	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	2.000	Ea
0290	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	4.000	Ea
0300	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0310	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	7.000	Ea
0320	Culv, Slp End Sect, 1 on 6, 36 inch, Longit	4010961	2.000	Ea
0330	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	2.000	Ea
0340	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 48 inch by 76 inch, Transv	4011068	2.000	Ea
0350	_ Culv Cleanout	4017001	214.000	Ft
0360	Cold Milling HMA Surface	5010002	2,265.000	Syd
0370	Bump Grinding	5010004	100.000	Syd
0380	HMA Surface, Rem	5010005	172.000	Syd
0390	HMA Quality Initiative	5010007	17,548.000	Dlr
0400	Longitudinal Joint Density Quality Initiative	5010018	28,042.000	Dlr
0410	HMA, 4E3	5010051	4,869.000	Ton
0420	HMA, 5E3	5010057	3,652.000	Ton
0430	HMA Approach	5010061	253.000	Ton
0440	_ Ride Incentive	5017060	15,967.000	Dlr
0450	Post, Mailbox	8070095	14.000	Ea
0460	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	120.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, White	8110231	180.000	Ft
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,535.000	Ft
0490	Pavt Mrkg, Waterborne, 6 inch, White	8110233	27,928.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	180.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,535.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	27,928.000	Ft
0530	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0540	Recessing Pavt Mrkg, Longit	8110450	38,643.000	Ft
0550	Protective Ovly, Snowmobile Trail Crossing	8110550	66.000	Syd
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0590	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	430.000	Ft
0620	Plastic Drum, Fluorescent, Furn	8120252	152.000	Ea
0630	Plastic Drum, Fluorescent, Oper	8120253	152.000	Ea
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	60.000	Ft
0650	PTS System, Temp, Furn	8120270	1.000	Ea
0660	PTS System, Temp, Oper	8120271	1.000	Ea
0670	Sign Cover	8120310	10.000	Ea
0680	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0690	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft

0700	Sign, Type B, Temp, Prismatic, Furn	8120350	1,517.000	Sft
0710	Sign, Type B, Temp, Prismatic, Oper	8120351	1,517.000	Sft
0720	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0730	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	225.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,540.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	225.000	Ft
0780	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	1,140.000	Ft
0790	Riprap, Plain	8130010	10.000	Syd
0800	Slope Restoration, Type A	8160100	200.000	Syd
0810	Slope Restoration, Type B	8160101	18,826.000	Syd
0820	Slope Restoration, Type C	8160102	533.000	Syd
0830	Slope Restoration, Type D	8160103	500.000	Syd
0840	Monument Box Adjust	8210005	5.000	Ea
0850	Monument Preservation	8210010	5.000	Ea
0860	Protect Corners	8210020	1.000	Ea
0870	Centerline Corrugations, Milled, HMA	8220013	14,065.000	Ft
0880	Contractor Staking, Road Only	8240007	1.000	LSUM
0890	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0900	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0910	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

**Schedule of Pay Items**

Report v1

Letting Call: 201106 017**Letting Date:** November 6, 2020**Contract ID:** 39014-210323**Description:** Traffic signal installation and pavement markings on US-131 at D Avenue, Kalamazoo County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210323A	N/A	N/A	M 39014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$17,900.00	1500001	1.000	LSUM
0020	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0030	_ Roadside Unit, Intersection	8007050	1.000	Ea
0040	Post, Steel, 3 lb	8100371	96.000	Ft
0050	Sign, Type III, Rem	8100403	5.000	Ea
0060	Sign, Type IIIB	8100405	33.000	Sft
0070	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	68.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	40.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	100.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	100.000	Ft
0130	Rem Spec Mrkg	8110343	211.000	Sft
0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	45.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	45.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	310.000	Ft
0200	Sign Cover	8120310	5.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	312.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	312.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	Conduit, DB, 1, 1 1/2 inch	8190027	30.000	Ft
0250	Conduit, DB, 3, 3 inch	8190035	25.000	Ft
0260	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0270	Hh, Polymer Conc	8190250	2.000	Ea
0280	Hh, Round, 3 foot dia	8190259	1.000	Ea

0290	Hh, Round	8190260	3.000	Ea
0300	Cable, Sec, 600V, 1, 3/C#6	8190399	70.000	Ft
0310	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
0320	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0330	Controller Fdn, Base Mount	8200045	1.000	Ea
0340	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0350	Power Co. (Est. Cost to Contractor)	8200116	3,232.000	Dir
0360	Serv Disconnect	8200135	1.000	Ea
0370	Span Wire	8200140	3.000	Ea
0380	Cabinet, NEMA Type	8200186	1.000	Ea
0390	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0400	Bracket, Truss, With 12 Foot Arm	8200376	1.000	Ea
0410	Hemispherical Video Detection Camera	8200444	1.000	Ea
0420	Hemispherical Video Detection System	8200445	1.000	Ea
0430	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
0440	Strain Pole, Steel, 6 bolt, 36 foot	8200461	3.000	Ea
0450	Strain Pole Fdn, 6 Bolt	8200470	59.000	Ft
0460	Casing	8200480	45.000	Ft
0470	Cellular Modem, TS, 4G	8200498	1.000	Ea
0480	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0490	Contractor Staking, Road Only	8240007	1.000	LSUM
0500	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0510	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0520	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0530	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0540	Lightning Protection, Pole	8260021	1.000	Ea



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AASHTOWare Project™ Version 4.2.2 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 201106 018

Letting Date: November 6, 2020

Contract ID: 13033-209784

Description: 0.55 mi of upgrade of existing region with LED luminaires on I-194 at Dickman Road in the city of Battle Creek, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209784A	20A1116	N/A	NH 13033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$2,800.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0090	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0100	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0110	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0140	Luminaire, Rem	8190360	17.000	Ea
0150	_ Luminaire, Roadway	8197050	17.000	Ea

**Schedule of Pay Items**

Report v1

Letting Call: 201106 019**Letting Date:** November 6, 2020**Contract ID:** 19132-207754**Description:** 4.20 mi of concrete pavement indirect left turns with loons, extending concrete left turn lanes to cross roads and constructing concrete right turn lanes on US-127 from French Road to Maple Rapids Road, Clinton County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207754A	20A1141	N/A	NH 19132

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$220,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.580	Acre
0030	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	8.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	96.000	Ft
0090	Guardrail, Rem	2040035	531.000	Ft
0100	Pavt, Rem	2040050	986.000	Syd
0110	Embankment, CIP	2050010	5,043.000	Cyd
0120	Excavation, Earth	2050016	12,805.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	324.000	Ft
0140	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	23.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0180	Erosion Control, Sediment Trap	2080034	26.000	Ea
0190	Erosion Control, Silt Fence	2080036	1,450.000	Ft
0200	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	1,500.000	Syd
0210	Project Cleanup	2090001	1.000	LSUM
0220	Subbase, CIP	3010002	6,087.000	Cyd
0230	Aggregate Base, 6 inch	3020016	18,092.000	Syd
0240	Shoulder, CI II, 6 inch	3070128	1,348.000	Syd
0250	Culv End Sect, 12 inch	4010012	8.000	Ea
0260	Culv End Sect, 18 inch	4010018	4.000	Ea
0270	Culv End Sect, 24 inch	4010024	2.000	Ea

0280	Culv, CI A, 12 inch	4010131	240.000	Ft
0290	Dr Marker Post	4011109	6.000	Ea
0300	Sewer, CI A, 12 inch, Tr Det B	4020033	180.000	Ft
0310	Sewer, CI A, 18 inch, Tr Det B	4020035	353.000	Ft
0320	Sewer, CI E, 24 inch, Tr Det B	4020603	73.000	Ft
0330	Video Taping Sewer and Culv Pipe	4021275	856.000	Ft
0340	Dr Structure Cover, Type B	4030010	2.000	Ea
0350	Dr Structure Cover, Type E	4030035	5.000	Ea
0360	Dr Structure Cover, Type J	4030045	7.000	Ea
0370	Dr Structure, 48 inch dia	4030210	14.000	Ea
0380	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	5.000	Ft
0390	HMA Surface, Rem	5010005	7,806.000	Syd
0400	Joint, Contraction, Cp	6020200	8,611.000	Ft
0410	Joint, Contraction, C3p	6020201	1,301.000	Ft
0420	Joint, Expansion, E2	6020207	180.000	Ft
0430	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	13,395.000	Syd
0440	Shoulder, Nonreinf Conc, High Performance	6020524	2,023.000	Syd
0450	Cement	6030005	1.000	Ton
0460	Joint, Contraction, Crg	6030020	149.000	Ft
0470	Non-Chloride Accelerator	6030035	27.000	Gal
0480	Pavt Repr, Rem	6030080	30.000	Syd
0490	_ Pavt Repr, Nonreinf Conc, 16 inch	6037011	30.000	Syd
0500	Curb and Gutter, Conc, Det B1	8020015	6,017.000	Ft
0510	Shoulder Gutter, Conc, Det 1	8020055	4.000	Ea
0520	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0530	Spillway, Conc	8020075	21.000	Ft
0540	Sidewalk, Conc, 6 inch	8030046	1,513.000	Sft
0550	Guardrail, Type MGS-8	8070004	551.000	Ft
0560	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0570	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0580	Guardrail Reflector	8070080	9.000	Ea
0590	Delineator Reflector, Red	8100131	50.000	Ea
0600	Delineator Reflector, Yellow	8100132	293.000	Ea
0610	Delineator Reflector, Green	8100133	14.000	Ea
0620	Delineator Reflector, White	8100134	147.000	Ea
0630	Fdn, Wood Support, Rem	8100280	23.000	Ea
0640	Perforated Steel Square Tube Breakaway System	8100330	20.000	Ea
0650	Delineator, Rem	8100349	150.000	Ea
0660	Post, Rigid, Delineator	8100361	454.000	Ea
0670	Post, Steel, 3 lb	8100371	3,728.000	Ft
0680	Post, Wood, 4 inch by 6 inch	8100380	440.000	Ft
0690	Post, Wood, 6 inch by 8 inch	8100382	195.000	Ft
0700	Sign, Type II, Rem	8100397	18.000	Ea
0710	Sign, Type IIA	8100398	411.000	Sft

0720	Sign, Type IIB	8100399	320.000	Sft
0730	Sign, Type III, Rem	8100403	147.000	Ea
0740	Sign, Type IIIA	8100404	835.000	Sft
0750	Sign, Type IIIB	8100405	532.000	Sft
0760	Sign, Type VB	8100425	135.000	Sft
0770	Reflective Panel for Permanent Sign Support, 3 foot	8100613	96.000	Ea
0780	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,129.000	Ft
0790	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,070.000	Ft
0800	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,714.000	Ft
0810	Rem Spec Mrkg	8110343	456.000	Sft
0820	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	25.000	Ea
0830	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	11.000	Ea
0840	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	4,129.000	Ft
0850	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White	8110481	1,070.000	Ft
0860	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, Yellow	8110485	3,714.000	Ft
0870	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0880	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0890	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0900	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0910	Lighted Arrow, Type C, Standby	8120142	2.000	Ea
0920	Minor Traf Devices	8120170	1.000	LSUM
0930	Mobile Attenuator	8120180	2.000	Ea
0940	Plastic Drum, Fluorescent, Furn	8120252	460.000	Ea
0950	Plastic Drum, Fluorescent, Oper	8120253	460.000	Ea
0960	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0970	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0980	Sign, Type B, Temp, Prismatic, Furn	8120350	1,936.000	Sft
0990	Sign, Type B, Temp, Prismatic, Oper	8120351	1,936.000	Sft
1000	Riprap, Plain	8130010	90.000	Syd
1010	Slope Restoration, Type A	8160100	1,700.000	Syd
1020	Slope Restoration, Type B	8160101	10,400.000	Syd
1030	Slope Restoration, Type C	8160102	1,900.000	Syd
1040	Slope Restoration, Type D	8160103	175.000	Syd
1050	_ Slope Restoration, Bonded Fiber Matrix	8167011	1,500.000	Syd
1060	Contractor Staking, Road Only	8240007	1.000	LSUM
1070	Staking Plan Errors and Extras, One Person	8240020	18.000	Hr
1080	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
1090	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 201106 020

Letting Date: November 6, 2020

Contract ID: 50051-200364

Description: Traffic signal modernizations and sidewalk ramp upgrades on various routes in the cities of Eastpointe, Richmond, Roseville, Utica and Warren, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200364A	20A1102	N/A	STG 50051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$186,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	745.000	Ft
0030	Fence, Rem	2040025	20.000	Ft
0040	Guardrail, Rem	2040035	45.000	Ft
0050	Pavt, Rem	2040050	50.000	Syd
0060	Sidewalk, Rem	2040055	658.000	Syd
0070	Exploratory Investigation, Vertical	2040080	200.000	Ft
0080	Excavation, Earth	2050016	247.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	110.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	4.000	Cyd
0120	Erosion Control, Silt Fence	2080036	500.000	Ft
0130	Aggregate Base, 6 inch	3020016	1,078.000	Syd
0140	Maintenance Gravel, LM	3060021	50.000	Cyd
0150	Dr Structure Cover, Adj, Case 1, Modified	4030004	4.000	Ea
0160	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0170	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0180	HMA Surface, Rem	5010005	106.000	Syd
0190	Hand Patching	5010025	39.000	Ton
0200	Lane Tie, Epoxy Anchored	6030030	204.000	Ea
0210	Pavt Repr, Nonreinf Conc, 9 inch	6030046	50.000	Syd
0220	Coating Galvanized Support Structures	7160010	4.000	Ea
0230	Obstruction Removal	7180100	7,500.000	Dlr
0240	_ Pedestrian Path, Temp	8007001	680.000	Ft
0250	_ Managed Field Ethernet Switch, Fiber Capable	8007050	8.000	Ea
0260	_ Pedestrian Ramp, Temp	8007050	16.000	Ea
0270	_ Roadside Unit, Install Salv	8007050	5.000	Ea

0280	_ Roadside Unit, Intersection	8007050	3.000	Ea
0290	_ Roadside Unit, Rem and Salv	8007050	5.000	Ea
0300	Curb, Conc, Det E2	8020002	22.000	Ft
0310	Curb and Gutter, Conc, Det F4	8020038	442.000	Ft
0320	Detectable Warning Surface	8030010	262.000	Ft
0330	Curb Ramp Opening, Conc	8030030	353.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	4,273.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	2,174.000	Sft
0360	_ Sidewalk, Brick Pavers, Install Salv, Type II	8037010	420.000	Sft
0370	_ Sidewalk, Brick Pavers, Rem and Salv	8037010	415.000	Sft
0380	Guardrail, Reconst, Type B	8070105	45.000	Ft
0390	Fence, Chain Link, 60 inch	8080012	20.000	Ft
0400	Fdn, Wood Support, Rem	8100280	2.000	Ea
0410	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0420	Post, Steel, 3 lb	8100371	264.000	Ft
0430	Post, Wood, 4 inch by 6 inch	8100380	36.000	Ft
0440	Sign, Type III, Erect, Salv	8100402	18.000	Ea
0450	Sign, Type III, Rem	8100403	34.000	Ea
0460	Sign, Type IIIA	8100404	34.000	Sft
0470	Sign, Type IIIB	8100405	18.000	Sft
0480	Sign, Type VB	8100425	35.000	Sft
0490	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0500	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	3,029.000	Ft
0510	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	292.000	Ft
0520	Rem Spec Mrkg	8110343	2,124.000	Sft
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0550	Pedestrian Type II Barricade, Temp	8120026	32.000	Ea
0560	Pedestrian Type II Channelizer, Temp	8120027	384.000	Ft
0570	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0620	Sign Cover	8120310	25.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	2,192.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	2,192.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	_ Block Wall, Salv, Reinstall	8157051	1.000	LSUM
0670	Slope Restoration, Type A	8160100	576.000	Syd
0680	Cable Pole, TS, Dismant	8190010	7.000	Ea
0690	Cable, Intercn, Rem	8190015	850.000	Ft
0700	Cable, Rem	8190016	730.000	Ft

0710	Cable, Sec, Rem	8190017	630.000	Ft
0720	Conduit, DB, 1, 1 1/2 inch	8190027	740.000	Ft
0730	Conduit, DB, 1, 3 inch	8190029	265.000	Ft
0740	Conduit, DB, 3, 3 inch	8190035	325.000	Ft
0750	Conduit, DB, 4, 3 inch	8190038	75.000	Ft
0760	Conduit, Rem	8190140	550.000	Ft
0770	Hh, Polymer Conc	8190250	16.000	Ea
0780	Hh, Rem	8190254	14.000	Ea
0790	Hh, Round, 3 foot dia	8190259	8.000	Ea
0800	Hh, Round	8190260	31.000	Ea
0810	Cable, Sec, 600V, 1, 3/C#6	8190399	780.000	Ft
0820	Cable, Sec, Triplex, 1, 3/C#4	8190418	460.000	Ft
0830	Wood Pole, Cl 4, 35 foot	8190472	1.000	Ea
0840	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0850	Wood Pole, Rem	8190505	1.000	Ea
0860	Conduit, Directional Bore, 1, 3 inch	8190602	485.000	Ft
0870	Conduit, Directional Bore, 2, 3 inch	8190604	70.000	Ft
0880	_ Cable, Shielded, 600V, 1, 2/C#16	8197001	1,000.000	Ft
0890	_ Conduit, DB, 1, 1 inch	8197001	165.000	Ft
0900	_ Conduit, DB, 1, 2 inch	8197001	5.000	Ft
0910	Case Sign, Rem	8200020	11.000	Ea
0920	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	11.000	Ea
0930	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	20.000	Ea
0940	Controller and Cabinet, Rem	8200030	9.000	Ea
0950	Controller Fdn, Base Mount	8200045	8.000	Ea
0960	Controller Fdn, Rem	8200046	2.000	Ea
0970	Global Positioning System Module	8200050	2.000	Ea
0980	Fdn, Rem	8200065	11.000	Ea
0990	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	8.000	Ea
1000	Pedestal, Alum	8200100	11.000	Ea
1010	Pedestal, Fdn	8200105	18.000	Ea
1020	Pedestal Fdn, Rem	8200106	14.000	Ea
1030	Pedestal, Rem	8200110	14.000	Ea
1040	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
1050	Power Co. (Est. Cost to Contractor)	8200116	11,882.000	Dlr
1060	Pushbutton and Sign	8200121	16.000	Ea
1070	Pushbutton Pedestal, Alum	8200123	6.000	Ea
1080	Serv Disconnect	8200135	9.000	Ea
1090	Serv Disconnect, Rem	8200136	1.000	Ea
1100	Span Wire	8200140	36.000	Ea
1110	Span Wire, Rem	8200141	11.000	Ea
1120	Span Wire Tether	8200142	31.000	Ea
1130	Steel Pole, Rem	8200145	10.000	Ea
1140	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
1150	TS, Bracket Arm Mtd, Rem	8200175	4.000	Ea

1160	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
1170	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	23.000	Ea
1180	TS, Pedestrian, Pedestal Mtd, Rem	8200181	14.000	Ea
1190	TS, Span Wire Mtd, Rem	8200182	24.000	Ea
1200	Cabinet, NEMA Type	8200186	8.000	Ea
1210	TS, One Way Span Wire Mtd (LED)	8200313	78.000	Ea
1220	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
1230	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
1240	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	9.000	Ea
1250	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	21.000	Ea
1260	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	9.000	Ea
1270	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
1280	Bracket, Truss, With 18 Foot Arm	8200378	11.000	Ea
1290	Bracket, Truss, Rem	8200388	7.000	Ea
1300	Hemispherical Video Detection Camera	8200444	1.000	Ea
1310	Hemispherical Video Detection System	8200445	1.000	Ea
1320	TS Face, Bag	8200458	68.000	Ea
1330	TS Face, Bag, Rem	8200459	68.000	Ea
1340	Strain Pole, Steel, 6 bolt, 30 foot	8200460	25.000	Ea
1350	Strain Pole, Steel, 6 bolt, 36 foot	8200461	10.000	Ea
1360	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
1370	Strain Pole Fdn, 6 Bolt	8200470	471.000	Ft
1380	Casing	8200480	302.000	Ft
1390	Cellular Modem, TS, 4G	8200498	8.000	Ea
1400	Backplate, TS	8200501	83.000	Ea
1410	_ Controller, ATC 2070	8207050	8.000	Ea
1420	_ Detection, Wi-Fi, Rem	8207050	2.000	Ea
1430	_ Detection, Wi-Fi, Salv	8207050	2.000	Ea
1440	_ Pedestal Painting	8207050	6.000	Ea
1450	_ Video Surveillance, Camera	8207050	3.000	Ea
1460	_ Video Surveillance, Camera, Rem	8207050	3.000	Ea
1470	_ Wireless Intercn, Dual Radio	8207050	3.000	Ea
1480	_ Wireless Intercn, Dual Radio, Rem	8207050	3.000	Ea
1490	_ Wireless Intercn, Integrated Radio	8207050	6.000	Ea
1500	_ Wireless Intercn, Integrated Radio, Rem	8207050	5.000	Ea
1510	Gate Box, Adj, Case 1	8230431	1.000	Ea
1520	Contractor Staking, Road Only	8240007	1.000	LSUM
1530	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
1540	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
1550	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr
1560	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1570	Lightning Protection, Pole	8260021	8.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 021

Letting Date: November 6, 2020

Contract ID: 58053-201013

Description: 5.52 mi of hot mix asphalt cold milling and resurfacing, joint repairs, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on US-24 from Labo Road to the Monroe/Wayne county line, Monroe County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201013A	N/A	N/A	M 58053

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$220,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	20.000	Ft
0030	Sidewalk, Rem	2040055	10.000	Syd
0040	Shoulder, CI II	3070121	3,500.000	Ton
0050	Cold Milling HMA Surface	5010002	165,127.000	Syd
0060	Bump Grinding	5010004	450.000	Syd
0070	HMA Quality Initiative	5010007	29,205.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	86,600.000	Dlr
0090	Pavt Joint and Crack Repr, Det 7	5010020	15,000.000	Ft
0100	Pavt Joint and Crack Repr, Det 8	5010021	2,300.000	Ft
0110	Hand Patching	5010025	980.000	Ton
0120	HMA, 5E3	5010057	13,623.000	Ton
0130	Curb and Gutter, Conc, Det F4	8020038	4.000	Ft
0140	Detectable Warning Surface	8030010	13.000	Ft
0150	Curb Ramp Opening, Conc	8030030	16.000	Ft
0160	Sidewalk Ramp, Conc, 4 inch	8030034	105.000	Sft
0170	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	192.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	114,240.000	Ft
0190	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	59,194.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	114,240.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	59,194.000	Ft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0260	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea

0270	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0280	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, Fluorescent, Furn	8120252	55.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	55.000	Ea
0340	Sign Cover	8120310	4.000	Ea
0350	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	4,650.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	4,650.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	56,205.000	Ft
0420	Centerline Corrugations, Milled, HMA	8220013	17,470.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 201106 022

Letting Date: November 6, 2020

Contract ID: 81000-207449

Description: 6.95 mi of hot mix asphalt cold milling and surfacing, concrete curb and gutter, tree removal, drainage, centerline corrugations, guardrail, signing and recessed pavement markings on Wagner Road from south of Liberty Road to Huron River Drive and from Ann Arbor-Saline Road to south of Liberty Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207449A	20A1068	N/A	HSIP 81000
207451A	20A1083	N/A	HSIP 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$94,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	39.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0050	Guardrail, Rem	2040035	183.000	Ft
0060	_ Roadway Grading	2057002	12.000	Sta
0070	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	190.000	Ft
0090	Erosion Control, Sediment Trap	2080034	2.000	Ea
0100	Erosion Control, Silt Fence	2080036	2,440.000	Ft
0110	Project Cleanup	2090001	1.000	LSUM
0120	Subbase, CIP	3010002	50.000	Cyd
0130	_ Aggregate Base, 10 inch, Modified	3027011	3,608.000	Syd
0140	Aggregate Surface Cse	3060005	5.000	Cyd
0150	_ Shoulder, CI II, 6 inch, Modified	3077011	495.000	Syd
0160	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0170	Culv End Sect, Conc, 18 inch	4010049	4.000	Ea
0180	Culv, CI A, 12 inch	4010131	85.000	Ft
0190	Culv, CI A, 18 inch	4010133	134.000	Ft
0200	Underdrain, Subbase, 6 inch	4040063	364.000	Ft
0210	Underdrain Outlet, 6 inch	4040093	47.000	Ft
0220	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0230	Cold Milling HMA Surface	5010002	2,808.000	Syd
0240	HMA Surface, Rem	5010005	1,704.000	Syd
0250	Pavt Joint and Crack Repr, Det 7	5010020	240.000	Ft
0260	Pavt Joint and Crack Repr, Det 8	5010021	75.000	Ft

0270	Hand Patching	5010025	25.000	Ton
0280	HMA, 3E1	5010044	558.000	Ton
0290	HMA, 5E1	5010056	625.000	Ton
0300	HMA Approach	5010061	27.000	Ton
0310	Curb and Gutter, Conc, Det B2	8020016	330.000	Ft
0320	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
0330	Spillway, Conc	8020075	22.000	Ft
0340	Guardrail, Type B	8070000	163.000	Ft
0350	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0360	Guardrail Reflector	8070080	5.000	Ea
0370	Post, Mailbox	8070095	1.000	Ea
0380	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
0390	Post, Steel, 3 lb	8100371	722.000	Ft
0400	Sign, Type III, Rem	8100403	20.000	Ea
0410	Sign, Type IIIA	8100404	47.000	Sft
0420	Sign, Type IIIB	8100405	159.000	Sft
0430	Reflective Panel for Permanent Sign Support, 6 foot	8100616	22.000	Ea
0440	Rem Spec Mrkg	8110343	2,335.000	Sft
0450	Witness, Log, \$1,000.00	8110350	2,000.000	Dir
0460	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	9.000	Ea
0470	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0480	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0490	Recessing Pavt Mrkg, Longit	8110450	93,294.000	Ft
0500	Recessing Pavt Mrkg, Transv	8110451	1,705.000	Sft
0510	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	69,030.000	Ft
0520	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	48,375.000	Ft
0530	_ Pavt Mrkg, Wet Retrflec, Polyurea, 12 inch, Crosswalk	8117001	360.000	Ft
0540	_ Pavt Mrkg, Wet Retrflec, Polyurea, 24 inch, Stop Bar	8117001	281.000	Ft
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0570	Lighted Arrow, Type B, Furn	8120130	6.000	Ea
0580	Lighted Arrow, Type B, Oper	8120131	6.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	112,135.000	Ft
0610	Plastic Drum, Fluorescent, Furn	8120252	170.000	Ea
0620	Plastic Drum, Fluorescent, Oper	8120253	170.000	Ea
0630	Sign Cover	8120310	20.000	Ea
0640	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	1,044.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	1,044.000	Sft
0680	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	132.000	Sft

0690	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	132.000	Sft
0700	Traf Regulator Control	8120370	1.000	LSUM
0710	Riprap, Plain	8130010	30.000	Syd
0720	_ Turf Establishment, Performance	8167011	9,016.000	Syd
0730	Conduit, DB, 1, 1 1/2 inch	8190027	50.000	Ft
0740	Conduit, DB, 1, 3 inch	8190029	20.000	Ft
0750	Conduit, DB, 1, 4 inch	8190030	20.000	Ft
0760	Cable, Equipment Grounding Wire, 1/C#6	8190236	20.000	Ft
0770	Hh, Round	8190260	2.000	Ea
0780	Wood Pole, Fit Up, Sec Serv Pole	8190496	2.000	Ea
0790	Wood Pole, Fit Up, TS Cable Pole	8190501	3.000	Ea
0800	Case Sign, Rem	8200020	1.000	Ea
0810	Controller and Cabinet, Rem	8200030	1.000	Ea
0820	Controller Fdn, Base Mount	8200045	1.000	Ea
0830	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0840	Power Co. (Est. Cost to Contractor)	8200116	13,000.000	Dlr
0850	Serv Disconnect	8200135	2.000	Ea
0860	Serv Disconnect, Rem	8200136	1.000	Ea
0870	Span Wire, Rem	8200141	1.000	Ea
0880	Span Wire Tether	8200142	4.000	Ea
0890	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0900	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	1.000	Ea
0910	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0920	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0930	Wireless Vehicle Detection System	8200422	1.000	Ea
0940	Wireless Vehicle Sensor Node	8200425	24.000	Ea
0950	_ Backplate, TS, 3 Sec	8207050	8.000	Ea
0960	_ Backplate, TS, 4 Sec	8207050	4.000	Ea
0970	_ Bracket Arm, 18 Foot, 5 Foot Rise	8207050	1.000	Ea
0980	_ Controller and Cabinet, Base Mount (TS2)	8207050	1.000	Ea
0990	_ Managed Ethernet Switch	8207050	1.000	Ea
1000	_ Video Surveillance Camera	8207050	1.000	Ea
1010	_ Wireless Interconnect	8207050	2.000	Ea
1020	_ Wireless Repeater, Flex	8207050	4.000	Ea
1030	Monument Preservation	8210010	1.000	Ea
1040	Centerline Corrugations, Milled, HMA	8220013	15,945.000	Ft
1050	_ Uninterruptible Power Supply, ITS, Modified	8267050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 023

Letting Date: November 6, 2020

Contract ID: 61000-209583

Description: 2.28 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Lakewood Drive from Whitehall Road east to Russell Road, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209583A	20A0932	N/A	STL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$75,100.00	1500001	1.000	LSUM
0020	Approach, CI I	3070001	197.000	Ton
0030	Shoulder, CI II	3070121	3,839.000	Ton
0040	Cold Milling HMA Surface	5010002	3,707.000	Syd
0050	HMA Approach	5010061	254.000	Ton
0060	HMA, LVSP	5010703	7,856.000	Ton
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	25,228.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,153.000	Ft
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,735.000	Ft
0130	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0140	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	278.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	278.000	Sft
0170	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	10.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	10.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 024

Letting Date: November 6, 2020

Contract ID: 50031-207428

Description: Installation of traffic signal backplates, tethers and signal modernization at various locations, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207428A	20A1070	N/A	HSIP 50031
207431A	20A1071	N/A	HSIP 50031
207434A	20A1072	N/A	HSIP 50000
207435A	20A1073	N/A	HSIP 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$134,000.00	1500001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	100.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0040	Coating Galvanized Support Structures	7160010	12.000	Ea
0050	Curb Ramp Opening, Conc	8030030	5.000	Ft
0060	_ Detectable Warning Surface, Cast Iron	8037001	60.000	Ft
0070	Post, Steel, 3 lb	8100371	28.000	Ft
0080	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0090	Sign, Type II, Rem	8100397	1.000	Ea
0100	Sign, Type IVA	8100410	144.000	Sft
0110	Mast Arm Pole, Cat I	8100510	12.000	Ea
0120	Mast Arm, 30 foot, Cat I	8100522	5.000	Ea
0130	Mast Arm, 35 foot, Cat I	8100523	3.000	Ea
0140	Mast Arm, 45 foot, Cat I	8100525	3.000	Ea
0150	Mast Arm, 50 foot, Cat I	8100526	3.000	Ea
0160	Mast Arm Pole Fdn, 6 Bolt	8100550	168.000	Ft
0170	_ Street Name Sign, Non Illuminated, Bracket, 6 foot	8107050	22.000	Ea
0180	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	420.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	420.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	464.000	Sft

0250	Sign, Type B, Temp, Prismatic, Oper	8120351	464.000	Sft
0260	Cable Pole, TS, Disman	8190010	2.000	Ea
0270	Conduit, DB, 1, 1 1/2 inch	8190027	490.000	Ft
0280	Conduit, DB, 1, 3 inch	8190029	80.000	Ft
0290	Conduit, DB, 3, 3 inch	8190035	285.000	Ft
0300	Conduit, DB, 4, 3 inch	8190038	35.000	Ft
0310	Hh, Rem	8190254	8.000	Ea
0320	Hh, Round, 3 foot dia	8190259	3.000	Ea
0330	Hh, Round	8190260	10.000	Ea
0340	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0350	Wood Pole, Cl 4, 35 foot	8190472	12.000	Ea
0360	Wood Pole, Fit Up, TS Cable Pole	8190501	5.000	Ea
0370	Conduit, Directional Bore, 2, 3 inch	8190604	1,125.000	Ft
0380	_ Intersection Cable, Rem	8197051	1.000	LSUM
0390	_ Recable Intersection	8197051	1.000	LSUM
0400	Anchor Guy	8200001	2.000	Ea
0410	Pole Guy	8200002	2.000	Ea
0420	Case Sign, Two Way, 24 inch by 30 inch, Salv	8200008	2.000	Ea
0430	Case Sign, Rem	8200020	11.000	Ea
0440	Controller and Cabinet, Rem	8200030	2.000	Ea
0450	Controller Fdn, Rem	8200046	2.000	Ea
0460	Splice Box, Rem	8200086	2.000	Ea
0470	Pedestal, Fdn	8200105	12.000	Ea
0480	Pedestal Fdn, Rem	8200106	2.000	Ea
0490	Pedestal, Rem	8200110	3.000	Ea
0500	Power Co. (Est. Cost to Contractor)	8200116	400.000	Dlr
0510	Serv Disconnect	8200135	9.000	Ea
0520	Serv Disconnect, Rem	8200136	1.000	Ea
0530	Span Wire	8200140	25.000	Ea
0540	Span Wire, Rem	8200141	22.000	Ea
0550	Steel Pole, Rem	8200145	6.000	Ea
0560	TS, Bracket Arm Mtd, Rem	8200175	8.000	Ea
0570	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	22.000	Ea
0580	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
0590	TS, Span Wire Mtd, Rem	8200182	34.000	Ea
0600	TS, One Way Span Wire Mtd, Salv	8200191	4.000	Ea
0610	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	28.000	Ea
0620	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0630	Bracket, Truss, Rem	8200388	6.000	Ea
0640	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0650	Strain Pole Fdn, 6 Bolt	8200470	30.000	Ft
0660	Casing	8200480	168.000	Ft
0670	_ Fiber Optic, Cable, Single Mode Fiber, 12F, Misc To Cabinet	8207001	500.000	Ft

0680	_ Case Sign (LED), One Way, 24 inch by 30 inch, Black	8207050	20.000	Ea
0690	_ Case Sign (LED), Two Way, 24 inch by 30 inch, Black	8207050	4.000	Ea
0700	_ Detection, Wi-Fi	8207050	2.000	Ea
0710	_ Detection, Wi-Fi, Rem	8207050	2.000	Ea
0720	_ Detector, Relocate	8207050	9.000	Ea
0730	_ Hemispherical Video Detection Camera, Modified	8207050	4.000	Ea
0740	_ Hemispherical Video Detection System, Modified	8207050	2.000	Ea
0750	_ Malfunction Monitor Unit	8207050	2.000	Ea
0760	_ OCA, ATC 2070, ITS	8207050	2.000	Ea
0770	_ OCA, ITS, Cabinet Foundation	8207050	2.000	Ea
0780	_ OCA, ITS, Cabinet Housing 3, Black	8207050	2.000	Ea
0790	_ OCA, ITS, Input Assembly	8207050	2.000	Ea
0800	_ OCA, ITS, Output Assembly, 14 Switch Pack	8207050	4.000	Ea
0810	_ OCA, Operation Test Certification, Controller and Cabinet	8207050	2.000	Ea
0820	_ Pedestal, Black	8207050	26.000	Ea
0830	_ Pushbutton and Sign, Black	8207050	27.000	Ea
0840	_ Radar Detection, Dilemma Zone	8207050	8.000	Ea
0850	_ Radar Detection, Rem	8207050	4.000	Ea
0860	_ Road Side Unit	8207050	2.000	Ea
0870	_ Roadside Unit, Rem	8207050	2.000	Ea
0880	_ Span Wire Tether, Modified	8207050	131.000	Ea
0890	_ Steel Truss Arm, Mast Standard Mount, 18 Foot, Black	8207050	4.000	Ea
0900	_ Steel Truss Arm, Steel Pole Mount, 18 Foot, Black	8207050	2.000	Ea
0910	_ Steel Truss Arm, Wood Pole Mount, 18 Foot, Black	8207050	2.000	Ea
0920	_ Street Name Sign, Two Way (LED) Illuminated, 10 foot, Black	8207050	6.000	Ea
0930	_ Street Name Sign, Two Way (LED) Illuminated, 8 foot, Black	8207050	2.000	Ea
0940	_ TS, Backplate, 3 Section	8207050	246.000	Ea
0950	_ TS, Backplate, 4 Section	8207050	86.000	Ea
0960	_ TS, Backplate, 5 Section	8207050	45.000	Ea
0970	_ TS, One Way Mast Arm Mtd, Safety	8207050	34.000	Ea
0980	_ TS, One Way Span Wire Mtd (LED), Modified	8207050	55.000	Ea
0990	_ TS, One Way Span Wire Mtd, Five Sect (LED), Modified	8207050	1.000	Ea
1000	_ TS, One Way Span Wire Mtd, FYA (LED), Modified	8207050	7.000	Ea
1010	_ Video Surveillance, Camera	8207050	4.000	Ea
1020	_ Video Surveillance, Camera, Rem	8207050	2.000	Ea
1030	_ Wireless Interconnect, Dual Radio, Rem	8207050	2.000	Ea
1040	_ Wireless Interconnect, Integrated Radio	8207050	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 025

Letting Date: November 6, 2020

Contract ID: 82000-203589

Description: 0.41 mi of concrete pavement with integral curb, aggregate base, concrete sidewalk and ramps, watermain, signing and pavement markings on River Drive from Ford Boulevard northerly to Emmons Boulevard in the city of Lincoln Park, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203589A	20A1049	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$145,400.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Dr Structure, Rem	2030011	7.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	95.000	Ft
0050	Pavt, Rem	2040050	9,170.000	Syd
0060	Sidewalk, Rem	2040055	1,895.000	Syd
0070	Embankment, CIP	2050010	2,470.000	Cyd
0080	Excavation, Earth	2050016	3,265.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0100	_ Erosion Control, Silt Sack	2087050	30.000	Ea
0110	Aggregate Base, 4 inch	3020010	2,103.000	Syd
0120	Aggregate Base, 6 inch	3020016	9,987.000	Syd
0130	Maintenance Gravel	3060020	500.000	Ton
0140	Sewer, CI IV, 12 inch, Tr Det B	4020987	306.000	Ft
0150	Sewer Tap, 12 inch	4021204	4.000	Ea
0160	Video Taping Sewer and Culv Pipe	4021275	1,600.000	Ft
0170	Dr Structure Cover, Adj, Case 1	4030005	27.000	Ea
0180	Dr Structure Cover, Type R	4030070	10.000	Ea
0190	Dr Structure, 48 inch dia	4030210	12.000	Ea
0200	Dr Structure, Cleaning	4030290	30.000	Ea
0210	_ Dr Structure, Reconstruct	4037001	27.000	Ft
0220	_ Dr Structure Cover, Type B, Modified	4037050	2.000	Ea
0230	_ Underdrain, Subgrade, 6 Inch, Modified	4047001	4,440.000	Ft
0240	HMA Surface, Rem	5010005	7,415.000	Syd
0250	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	9,110.000	Syd
0260	Joint, Contraction, Cp	6020200	6,200.000	Ft
0270	Joint, Expansion, E2	6020207	310.000	Ft

0280	Joint, Contraction, Crg	6030020	250.000	Ft
0290	Driveway, Nonreinf Conc, 6 inch	8010005	703.000	Syd
0300	Driveway, Nonreinf Conc, 8 inch	8010007	174.000	Syd
0310	Detectable Warning Surface	8030010	168.000	Ft
0320	Curb Ramp Opening, Conc	8030030	168.000	Ft
0330	Sidewalk Ramp, Conc, 7 inch	8030037	1,345.000	Sft
0340	Sidewalk, Conc, 4 inch	8030044	13,320.000	Sft
0350	Sidewalk, Conc, 6 inch	8030046	4,250.000	Sft
0360	Post, Steel, 3 lb	8100371	352.000	Ft
0370	Sign, Type IIIB	8100405	248.000	Sft
0380	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	610.000	Ft
0390	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	264.000	Ft
0400	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	165.000	Ft
0410	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,630.000	Ft
0420	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,630.000	Ft
0430	Rem Curing Compound, for Spec Mrkg	8110321	899.000	Sft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	28.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	28.000	Ea
0460	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
0470	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	35.000	Ea
0480	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	35.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0510	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	727.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	727.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	80.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	80.000	Sft
0560	Fertilizer, Chemical Nutrient, CI A	8160020	500.000	Lb
0570	Mulch Blanket	8160027	5,500.000	Syd
0580	Seeding, Mixture THM	8160039	250.000	Lb
0590	Topsoil Surface, Furn, 3 inch	8160061	5,500.000	Syd
0600	Water, Sodding/Seeding	8160090	10.000	Unit
0610	Gate Well, Rem	8230076	11.000	Ea
0620	Hydrant, Rem	8230091	3.000	Ea
0630	Water Serv	8230240	4.000	Ea
0640	Water Serv, Long	8230245	9.000	Ea
0650	_ Water Main, HDPE, 8 inch, Directional Bore	8237001	2,340.000	Ft
0660	_ Water Main, Rem	8237001	225.000	Ft
0670	_ Fire Hydrant Assembly	8237050	3.000	Ea
0680	_ Gate Valve and Well, 8 inch, 60 inch dia, Complete	8237050	14.000	Ea
0690	_ Abandon Water Main, Flowable Fill	8237051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 026

Letting Date: November 6, 2020

Contract ID: 82000-207454

Description: 0.35 mi of hot mix asphalt surfacing, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer, guardrail, signal modernization and pavement markings on Ecorse Road at Pelham Road, Eureka Road at Dix-Toledo Highway, Hannan Road at North Line Road and Van Born Road at Beech-Daly Road, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207454A	20A1027	N/A	HSIP 82000
207455A	20A1033	N/A	HSIP 82000
207456A	20A1037	N/A	EDCF 82000
207457A	20A1034	N/A	HSIP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$205,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	150.000	Ft
0040	Curb and Gutter, Rem	2040020	60.000	Ft
0050	Guardrail, Rem	2040035	80.000	Ft
0060	Pavt, Rem	2040050	7,092.000	Syd
0070	Sidewalk, Rem	2040055	150.000	Syd
0080	Exploratory Investigation, Vertical	2040080	90.000	Ft
0090	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0100	Excavation, Earth	2050016	1,500.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0120	_ Embankment, CIP, Modified	2057021	750.000	Cyd
0130	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0150	Erosion Control, Silt Fence	2080036	6.000	Ft
0160	_ Aggregate Base, 4 inch, Modified	3027011	150.000	Syd
0170	_ Aggregate Base, 6 inch, Modified	3027011	1,310.000	Syd
0180	_ Aggregate Base, 8 inch, Modified	3027011	9,714.000	Syd
0190	Shoulder, CI II	3070121	241.000	Ton
0200	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0210	Sewer, CI E, 12 inch, Tr Det B	4020600	180.000	Ft
0220	Video Taping Sewer and Culv Pipe	4021275	180.000	Ft
0230	Dr Structure Cover, Type J	4030045	3.000	Ea

0240	Dr Structure, 24 inch dia	4030200	3.000	Ea
0250	_ Misc San Structure Cover, Adj	4037050	5.000	Ea
0260	_ Misc Structure Cover, Adj	4037050	5.000	Ea
0270	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0280	_ Misc Underdrain, Subgrade, Shallow, 6 inch	4047001	660.000	Ft
0290	HMA Surface, Rem	5010005	8,594.000	Syd
0300	_ Misc Conditioning Existing Pavement	5017031	312.000	Ton
0310	_ Misc HMA, 4E10	5017031	371.000	Ton
0320	_ Misc HMA, 5E10	5017031	285.000	Ton
0330	_ Misc HMA, Hand Patching	5017031	16.000	Ton
0340	Joint, Contraction, Cp	6020200	6,686.000	Ft
0350	Joint, Expansion, E2	6020207	204.000	Ft
0360	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	6,987.000	Syd
0370	_ Misc Conc Base Cse, Nonreinf, 8 inch	6027011	390.000	Syd
0380	Cement	6030005	1.000	Ton
0390	Joint, Contraction, Crg	6030020	84.000	Ft
0400	Joint, Expansion, Erg	6030021	48.000	Ft
0410	Lane Tie, Epoxy Anchored	6030030	410.000	Ea
0420	Curb and Gutter, Conc, Det B3	8020017	817.000	Ft
0430	Curb and Gutter, Conc, Det F3	8020037	60.000	Ft
0440	Detectable Warning Surface	8030010	120.000	Ft
0450	Curb Ramp Opening, Conc	8030030	240.000	Ft
0460	Sidewalk Ramp, Conc, 6 inch	8030036	750.000	Sft
0470	Sidewalk, Conc, 4 inch	8030044	600.000	Sft
0480	Guardrail, Curved, Type MGS-8	8070012	145.000	Ft
0490	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0500	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0510	Sign, Type III, Rem	8100403	34.000	Ea
0520	_ Misc Sign, Type B, Perm	8107010	103.000	Sft
0530	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	230.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	120.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0560	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	600.000	Ft
0570	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	3,700.000	Ft
0580	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,650.000	Ft
0590	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	800.000	Ft
0600	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0610	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0620	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
0630	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0640	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0650	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM

0680	Plastic Drum, Fluorescent, Furn	8120252	130.000	Ea
0690	Plastic Drum, Fluorescent, Oper	8120253	130.000	Ea
0700	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0710	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	1,464.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	1,464.000	Sft
0740	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0750	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0760	Traf Regulator Control	8120370	1.000	LSUM
0770	Water, Sodding/Seeding	8160090	50.000	Unit
0780	_ Misc Seeding, Mixture THM	8167011	3,000.000	Syd
0790	Cable Pole, Sec, Disman	8190006	2.000	Ea
0800	Cable Pole, TS and Sec, Disman	8190009	2.000	Ea
0810	Cable Pole, TS, Disman	8190010	6.000	Ea
0820	Conduit, DB, 1, 1 1/2 inch	8190027	565.000	Ft
0830	Conduit, DB, 3, 3 inch	8190035	160.000	Ft
0840	Conduit, DB, 4, 3 inch	8190038	75.000	Ft
0850	Hh, Round, 3 foot dia	8190259	4.000	Ea
0860	Hh, Round	8190260	12.000	Ea
0870	Cable, Sec, 600V, 1, 3/C#6	8190399	800.000	Ft
0880	Wood Pole, Fit Up, Sec Cable Pole	8190495	4.000	Ea
0890	Wood Pole, Rem	8190505	7.000	Ea
0900	Case Sign, Rem	8200020	3.000	Ea
0910	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0920	Controller and Cabinet, Rem	8200030	4.000	Ea
0930	Controller and Cabinet, Digital Type	8200031	4.000	Ea
0940	Controller Fdn, Base Mount	8200045	4.000	Ea
0950	Global Positioning System Module	8200050	4.000	Ea
0960	Fdn, Rem	8200065	1.000	Ea
0970	Pedestal, Alum	8200100	1.000	Ea
0980	Pedestal, Fdn	8200105	20.000	Ea
0990	Pedestal Fdn, Rem	8200106	5.000	Ea
1000	Pedestal, Rem	8200110	5.000	Ea
1010	Power Co. (Est. Cost to Contractor)	8200116	4,000.000	Dlr
1020	Pushbutton and Sign	8200121	24.000	Ea
1030	Pushbutton Pedestal, Alum	8200123	19.000	Ea
1040	Serv Disconnect	8200135	4.000	Ea
1050	Span Wire, Rem	8200141	6.000	Ea
1060	Span Wire Tether	8200142	16.000	Ea
1070	Steel Pole, Rem	8200145	1.000	Ea
1080	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
1090	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
1100	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
1110	TS, Span Wire Mtd, Rem	8200182	14.000	Ea
1120	TS, One Way Span Wire Mtd (LED)	8200313	34.000	Ea

1130	TS, One Way Span Wire Mtd, FYA (LED)	8200314	12.000	Ea
1140	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
1150	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	11.000	Ea
1160	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
1170	TS, Antenna, Rem	8200368	1.000	Ea
1180	TS, Antenna, Salv	8200369	1.000	Ea
1190	Bracket, Truss, With 9 Foot Arm	8200375	14.000	Ea
1200	Video Traf Detection System	8200380	4.000	Ea
1210	Video Traf Detection Camera	8200381	14.000	Ea
1220	Junction Box, Span Wire	8200456	16.000	Ea
1230	Junction Box, Rem	8200457	6.000	Ea
1240	TS Face, Bag	8200458	6.000	Ea
1250	TS Face, Bag, Rem	8200459	6.000	Ea
1260	Strain Pole, Steel, 6 bolt, 30 foot	8200460	12.000	Ea
1270	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
1280	Strain Pole Fdn, 6 Bolt	8200470	241.000	Ft
1290	Casing	8200480	185.000	Ft
1300	Backplate, TS	8200501	46.000	Ea
1310	_ Span Wire, Box	8207050	4.000	Ea
1320	_ St Name Sign, Two Way, (LED), 6 foot	8207050	12.000	Ea
1330	_ St Name Sign, Two Way, (LED), 8 foot	8207050	4.000	Ea
1340	_ Street Name Sign Bracket Arm, 10 foot	8207050	4.000	Ea
1350	_ Street Name Sign Bracket Arm, 8 foot	8207050	12.000	Ea

**Schedule of Pay Items**

Report v1

Letting Call: 201106 027**Letting Date:** November 6, 2020**Contract ID:** 83000-208214

Description: 0.26 mi of hot mix asphalt reconstruction, storm sewer, concrete curb, gutter and ramps, signing and pavement markings on Chestnut Street from Leeson Avenue to Colfax 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
208214A	20A1001	N/A	STUL 83000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,300.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0040	Dr Structure, Rem	2030011	8.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	236.000	Ft
0060	Curb and Gutter, Rem	2040020	2,770.000	Ft
0070	Pavt, Rem	2040050	572.000	Syd
0080	Sidewalk, Rem	2040055	285.000	Syd
0090	Embankment, CIP	2050010	200.000	Cyd
0100	Excavation, Earth	2050016	2,500.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0120	Subbase, CIP	3010002	500.000	Cyd
0130	Aggregate Base, 6 inch	3020016	5,830.000	Syd
0140	Maintenance Gravel, LM	3060021	50.000	Cyd
0150	Approach, CI I, 6 inch	3070008	1,315.000	Syd
0160	Sewer, CI E, 12 inch, Tr Det B	4020600	449.000	Ft
0170	Sewer, CI E, 15 inch, Tr Det B	4020601	342.000	Ft
0180	Video Taping Sewer and Culv Pipe	4021275	791.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0210	Dr Structure Cover, Type B	4030010	2.000	Ea
0220	Dr Structure Cover, Type K	4030050	17.000	Ea
0230	Dr Structure, 24 inch dia	4030200	7.000	Ea
0240	Dr Structure, 48 inch dia	4030210	7.000	Ea
0250	Dr Structure, 60 inch dia	4030220	2.000	Ea
0260	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0270	HMA Surface, Rem	5010005	5,007.000	Syd

0280	HMA, 4E1	5010050	835.000	Ton
0290	HMA Approach	5010061	110.000	Ton
0300	Driveway, Nonreinf Conc, 6 inch	8010005	563.000	Syd
0310	Curb and Gutter, Conc, Det F4	8020038	2,726.000	Ft
0320	Curb Ramp Opening, Conc	8030030	30.000	Ft
0330	Sidewalk Ramp, Conc, 6 inch	8030036	223.000	Sft
0340	Sidewalk, Conc, 4 inch	8030044	1,466.000	Sft
0350	Sidewalk, Conc, 6 inch	8030046	896.000	Sft
0360	_ Detectable Warning Surface, Cast Iron	8037001	24.000	Ft
0370	Post, Mailbox	8070095	15.000	Ea
0380	Post, Steel, 3 lb	8100371	98.000	Ft
0390	Sign, Type III, Erect, Salv	8100402	20.000	Ea
0400	Sign, Type III, Rem	8100403	24.000	Ea
0410	Sign, Type IIIB	8100405	33.000	Sft
0420	_ Round Post, Rem, Salv, and Re-install	8107050	5.000	Ea
0430	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	7.000	Ea
0440	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	7.000	Ea
0450	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	340.000	Ft
0460	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,325.000	Ft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0510	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	210.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	210.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	35.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	35.000	Sft
0560	_ Slope Restoration	8167011	2,400.000	Syd
0570	_ Conduit, DB, 1, 1-1/2 inch, Special	8197001	1,500.000	Ft
0580	_ Conduit, DB, 1, 3 inch, Special	8197001	1,500.000	Ft
0590	_ Handhole	8197050	8.000	Ea
0600	Gate Box, Adj, Case 1	8230431	6.000	Ea
0610	_ Water Service, Copper Type K, 3/4 inch	8237001	91.000	Ft
0620	_ Insulation Board, 6 inch	8237010	500.000	Sft
0630	_ Dr Structure Cover, Type B - EJ SELFLEVEL	8237050	1.000	Ea
0640	_ Dr Structure Cover, Type Q - EJ SELFLEVEL	8237050	5.000	Ea
0650	_ Fire Hydrant Assembly	8237050	3.000	Ea
0660	_ Fire Hydrant, Rem	8237050	3.000	Ea
0670	_ Water Main, Valve, Rem	8237050	3.000	Ea
0680	_ Water Service, 3-Part Coupling, 3/4 inch	8237050	3.000	Ea
0690	_ Water Service, Curb Stop and Box, 3/4 inch	8237050	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 028

Letting Date: November 6, 2020

Contract ID: 59051-208897

Description: 7.76 mi of overband crack fill, micro-surface, warranty, slurry seal, and corrugations and pavement markings on M-66 from north of the south Montcalm County line to north of Liberty Street and on M-46 from west of Second Street to east of Neff Road, Montcalm County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208897A	20A1115	N/A	ST 59051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$80,500.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	50.000	Ton
0030	Shoulder, CI II	3070121	2,218.000	Ton
0040	Overband Crack Fill, Lane	5020003	18.040	Lnmi
0050	Micro-Surface, Warranty	5040030	166,435.000	Syd
0060	Seal, Slurry	5060001	15,871.000	Syd
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	28.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	12.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0100	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	860.000	Ft
0110	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	254.000	Ft
0120	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,345.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	51,913.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	79,153.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,345.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	51,913.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	79,153.000	Ft
0190	Rem Spec Mrkg	8110343	1,196.000	Sft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	1,740.000	Ft
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	125,301.000	Ft
0280	Sign Cover	8120310	4.000	Ea
0290	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0300	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,040.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,040.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	124.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	124.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	3,345.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	6,572.000	Ft
0380	TS Face, Bag	8200458	8.000	Ea
0390	TS Face, Bag, Rem	8200459	8.000	Ea
0400	Monument Box	8210001	3.000	Ea
0410	Monument Preservation	8210010	3.000	Ea
0420	Centerline Corrugations, Milled, HMA	8220013	27,870.000	Ft

**Schedule of Pay Items**

Report v1

Letting Call: 201106 029**Letting Date:** November 6, 2020**Contract ID:** 62031-115084

Description: 1.52 mi of hot mix asphalt reconstruction, cold milling and resurfacing, joint repairs, sidewalk ramp upgrades, traffic signal modernization and pavement markings on M-37 from the south junction of M-82 north to the Muskegon River and on M-82 east of M-37 in the city of Newaygo, Newaygo County. This project includes two 5 year and one 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115084A	20A1136	N/A	ST 62031
201958A	20A1139	N/A	STG 62031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Protection, at Grade Crossing	1027060	1,000.000	Dir
0020	_ Audio-Visual Filming	1047051	1.000	LSUM
0030	Mobilization, Max \$283,100.00	1500001	1.000	LSUM
0040	Clearing	2010001	0.100	Acre
0050	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0060	Dr Structure, Rem	2030011	5.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	177.000	Ft
0080	_ Monitoring Well, Abandon	2037050	2.000	Ea
0090	Curb and Gutter, Rem	2040020	1,760.000	Ft
0100	Guardrail, Rem	2040035	25.000	Ft
0110	Pavt, Rem	2040050	4,753.000	Syd
0120	Sidewalk, Rem	2040055	527.000	Syd
0130	Exploratory Investigation, Vertical	2040080	200.000	Ft
0140	Embankment, CIP	2050010	50.000	Cyd
0150	Excavation, Earth	2050016	2,680.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0170	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0180	_ Flowable Fill	2057021	100.000	Cyd
0190	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0200	Erosion Control, Inlet Protection, Fabric Drop	2080020	78.000	Ea
0210	Erosion Control, Inlet Protection, Sediment Trap	2080024	15.000	Ea
0220	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0230	Erosion Control, Silt Fence	2080036	1,100.000	Ft
0240	Erosion Control, Turbidity Curtain, Shallow	2080044	100.000	Ft
0250	Subbase, CIP	3010002	2,317.000	Cyd

0260	Aggregate Base, 6 inch	3020016	4,985.000	Syd
0270	Maintenance Gravel, LM	3060021	100.000	Cyd
0280	_ Intersection Maintenance-Aggregate	3067050	2.000	Ea
0290	_ Intersection Maintenance-HMA Material	3067050	13.000	Ea
0300	Sewer, CI A, 12 inch, Tr Det B	4020033	541.000	Ft
0310	Sewer, CI A, 18 inch, Tr Det B	4020035	138.000	Ft
0320	Sewer, CI A, 24 inch, Tr Det B	4020036	18.000	Ft
0330	Trench Undercut and Backfill	4021260	100.000	Cyd
0340	Video Taping Sewer and Culv Pipe	4021275	825.000	Ft
0350	Dr Structure Cover, Adj, Case 1	4030005	38.000	Ea
0360	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0370	Dr Structure Cover, Type B	4030010	19.000	Ea
0380	Dr Structure Cover, Type D	4030025	2.000	Ea
0390	Dr Structure Cover, Type G	4030040	1.000	Ea
0400	Dr Structure Cover, Type K	4030050	19.000	Ea
0410	Dr Structure Cover, Type Q	4030065	16.000	Ea
0420	Dr Structure Cover, Type R	4030070	1.000	Ea
0430	Dr Structure, 24 inch dia	4030200	10.000	Ea
0440	Dr Structure, 48 inch dia	4030210	9.000	Ea
0450	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	6.000	Ft
0460	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0470	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0480	Dr Structure, Tap, 12 inch	4030312	6.000	Ea
0490	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0500	Dr Structure, Temp Lowering	4030390	18.000	Ea
0510	_ Dr Structure Cover, Type D, Modified	4037050	1.000	Ea
0520	Underdrain, Subbase, 6 inch	4040063	1,875.000	Ft
0530	Underdrain, Subgrade, 6 inch	4040073	1,500.000	Ft
0540	Underdrain Outlet, 6 inch	4040093	250.000	Ft
0550	Cold Milling HMA Surface	5010002	60,072.000	Syd
0560	HMA Surface, Rem	5010005	4,741.000	Syd
0570	HMA Quality Initiative	5010007	24,016.000	Dlr
0580	Longitudinal Joint Density Quality Initiative	5010018	53,432.000	Dlr
0590	Pavt Joint and Crack Repr, Det 7	5010020	1,170.000	Ft
0600	Pavt Joint and Crack Repr, Det 8	5010021	2,340.000	Ft
0610	Hand Patching	5010025	255.000	Ton
0620	HMA, 4E3	5010051	590.000	Ton
0630	HMA, 5E3	5010057	3,129.000	Ton
0640	HMA Approach	5010061	88.000	Ton
0650	HMA, 4E3, High Stress	5010509	473.000	Ton
0660	HMA, 5E3, High Stress	5010515	6,508.000	Ton
0670	HMA Approach, High Stress	5010520	965.000	Ton
0680	_ Ride Incentive	5017060	9,500.000	Dlr
0690	Conc Quality Initiative	6020401	1,418.000	Dlr

0700	Cement	6030005	7.000	Ton
0710	Joint, Contraction, Crg	6030020	1,560.000	Ft
0720	Joint, Tied, Trg	6030023	1,560.000	Ft
0730	Lane Tie, Epoxy Anchored	6030030	178.000	Ea
0740	Non-Chloride Accelerator	6030035	280.000	Gal
0750	Pavt Repr, Nonreinf Conc, 9 inch	6030046	630.000	Syd
0760	Pavt Repr, Rem	6030080	630.000	Syd
0770	Saw Cut, Intermediate	6030090	3,200.000	Ft
0780	Conc, Grade S2	7060011	2.000	Cyd
0790	Reinforcement, Steel, Culv and Headwall	7060091	65.000	Lb
0800	_ Pedestrian Path, Temp	8007001	50.000	Ft
0810	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0820	_ Pedestrian Passing Space, Temp	8007050	1.000	Ea
0830	_ Pedestrian Ramp, Temp	8007050	4.000	Ea
0840	_ Roadside Unit, Intersection	8007050	1.000	Ea
0850	_ Vibration Monitoring, Modified	8007051	1.000	LSUM
0860	Driveway, Nonreinf Conc, 6 inch	8010005	14.000	Syd
0870	Curb and Gutter, Conc, Det B3	8020017	26.000	Ft
0880	Curb and Gutter, Conc, Det F2	8020036	220.000	Ft
0890	Curb and Gutter, Conc, Det F4	8020038	1,878.000	Ft
0900	Driveway Opening, Conc, Det M	8020050	541.000	Ft
0910	Spillway, Conc	8020075	25.000	Ft
0920	Curb Ramp Opening, Conc	8030030	136.000	Ft
0930	Sidewalk Ramp, Conc, 4 inch	8030034	1,719.000	Sft
0940	Sidewalk, Conc, 4 inch	8030044	2,954.000	Sft
0950	Sidewalk, Conc, 6 inch	8030046	195.000	Sft
0960	Sidewalk, Clay Brick Pavers	8030050	250.000	Sft
0970	Sidewalk, Clay Brick Pavers, Rem	8030051	100.000	Sft
0980	_ Detectable Warning Surface, Cast Iron	8037001	164.000	Ft
0990	_ Brick Pavers, Rem	8037010	2,271.000	Sft
1000	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	2,138.000	Sft
1010	_ Sidewalk, Conc, 4 inch, Decorative	8037010	239.000	Sft
1020	Guardrail, Type B	8070000	25.000	Ft
1030	Guardrail, Type MGS-8	8070004	1,088.000	Ft
1040	Guardrail, Curved, Type MGS-8	8070012	25.000	Ft
1050	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
1060	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
1070	Guardrail, Salv	8070075	898.000	Ft
1080	Guardrail Reflector	8070080	30.000	Ea
1090	Post, Mailbox	8070095	2.000	Ea
1100	Guardrail Post, Furn and Install, 96 inch	8070103	1.000	Ea
1110	Guardrail, Reconst, Type B	8070105	25.000	Ft
1120	_ Guardrail Post, Furn and Install, 72 inch	8077050	1.000	Ea
1130	_ Guardrail Post, Furn and Install, 84 inch	8077050	1.000	Ea
1140	Band, Sign	8100010	20.000	Ea

1150	Delineator Reflector, Green	8100133	6.000	Ea
1160	Fdn, Wood Support, Rem	8100280	1.000	Ea
1170	Post Hole Through Conc for Steel Post	8100340	5.000	Ea
1180	Post, Rigid, Delineator	8100361	6.000	Ea
1190	Post, Steel, 3 lb	8100371	180.000	Ft
1200	Sign, Type III, Erect, Salv	8100402	14.000	Ea
1210	Sign, Type III, Rem	8100403	18.000	Ea
1220	Sign, Type IIIB	8100405	23.000	Sft
1230	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	600.000	Ft
1240	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	380.000	Ft
1250	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	145.000	Ft
1260	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	288.000	Ft
1270	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	250.000	Ft
1280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,990.000	Ft
1290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	26,865.000	Ft
1300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,105.000	Ft
1310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,990.000	Ft
1320	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	26,865.000	Ft
1330	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,105.000	Ft
1340	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1350	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	27.000	Ea
1360	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
1370	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	940.000	Ft
1380	Recessing Pavt Mrkg, Longit	8110450	35,585.000	Ft
1390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	100.000	Ea
1400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	100.000	Ea
1410	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
1420	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
1430	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	180.000	Ea
1440	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	180.000	Ea
1450	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1460	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1470	Ltg for Night Work	8120160	1.000	LSUM
1480	Minor Traf Devices	8120170	1.000	LSUM
1490	Mobile Attenuator	8120180	1.000	Ea
1500	Part Width Intersection Construction	8120190	6.000	Ea
1510	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,410.000	Ft
1520	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	450.000	Ft
1530	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	80.000	Ft
1540	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
1550	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
1560	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	480.000	Ft

1570	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
1580	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
1590	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	80.000	Ft
1600	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	40.000	Ea
1610	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	40.000	Ea
1620	Sign Cover	8120310	40.000	Ea
1630	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1640	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1650	Sign, Type A, Temp, Prismatic, Furn	8120340	150.000	Sft
1660	Sign, Type A, Temp, Prismatic, Oper	8120341	150.000	Sft
1670	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
1680	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
1690	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
1700	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
1710	Traf Regulator Control	8120370	1.000	LSUM
1720	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	10,000.000	Ft
1730	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	20,000.000	Ft
1740	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	9,000.000	Ft
1750	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	20,000.000	Ft
1760	_ Driveway Maintenance-Aggregate	8127050	2.000	Ea
1770	_ Driveway Maintenance-HMA Material	8127050	30.000	Ea
1780	_ Reflective Panel for Temp Sign Support, Furn	8127050	5.000	Ea
1790	_ Reflective Panel for Temp Sign Support, Oper	8127050	5.000	Ea
1800	Riprap, Heavy, LM	8130007	28.000	Cyd
1810	Site Preparation, Max \$420.00	8150001	1.000	LSUM
1820	Watering and Cultivating, First Season, Min \$240.00	8150002	1.000	LSUM
1830	Watering and Cultivating, Second Season, Min \$290.00	8150003	1.000	LSUM
1840	Syringa reticulata Ivory Silk, 1 1/2 inch	8153716	3.000	Ea
1850	_ Amelanchier x grandiflora 'autumn brilliance', 1 1/2 inch	8157050	4.000	Ea
1860	_ Bench Salv, Reinstall	8157050	1.000	Ea
1870	_ Trash Receptacle Salv, Reinstall	8157050	2.000	Ea
1880	_ Tree Grate, Reinstall	8157050	1.000	Ea
1890	_ Tree Grate, Salv	8157050	1.000	Ea
1900	Mulch Blanket, High Velocity	8160028	235.000	Syd
1910	_ Turf Establishment, Performance	8167011	1,030.000	Syd
1920	Conduit, DB, 1, 1 1/2 inch	8190027	100.000	Ft
1930	Conduit, DB, 2, 3 inch	8190032	30.000	Ft
1940	Conduit, DB, 3, 3 inch	8190035	10.000	Ft

1950	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
1960	Conduit, Rem	8190140	1,100.000	Ft
1970	Conduit, Schedule 80 PVC, 3 inch	8190159	1,100.000	Ft
1980	DB Cable, in Conduit, 600V, 1/C#4	8190207	3,600.000	Ft
1990	DB Cable, in Conduit, Rem	8190220	1,100.000	Ft
2000	Cable, Equipment Grounding Wire, 1/C#4	8190234	1,200.000	Ft
2010	Hh, Adj	8190244	9.000	Ea
2020	Hh, Polymer Conc	8190250	2.000	Ea
2030	Hh, Round, 3 foot dia	8190259	1.000	Ea
2040	Hh, Round	8190260	3.000	Ea
2050	Light Std Fdn	8190279	8.000	Ea
2060	Light Std Fdn, Rem	8190280	8.000	Ea
2070	Light Std Shaft, Install Salv	8190301	8.000	Ea
2080	Light Std Shaft, Rem and Salv	8190306	8.000	Ea
2090	Luminaire, Install Salv	8190350	8.000	Ea
2100	Luminaire, Rem and Salv	8190365	8.000	Ea
2110	Wood Pole, Cl 4, 40 foot	8190473	3.000	Ea
2120	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
2130	Case Sign Panel	8200003	6.000	Ea
2140	Case Sign Panel, Rem	8200004	6.000	Ea
2150	Case Sign, Rem	8200020	1.000	Ea
2160	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	3.000	Ea
2170	Controller and Cabinet, Rem	8200030	3.000	Ea
2180	Controller Fdn, Base Mount	8200045	1.000	Ea
2190	Fish Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
2200	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2210	Power Co. (Est. Cost to Contractor)	8200116	5,100.000	Dir
2220	Serv Disconnect	8200135	3.000	Ea
2230	Span Wire	8200140	4.000	Ea
2240	Span Wire, Rem	8200141	1.000	Ea
2250	TS, Span Wire Mtd, Rem	8200182	3.000	Ea
2260	Cabinet, NEMA Type	8200186	1.000	Ea
2270	Warning Sign	8200260	2.000	Ea
2280	Warning Sign, Rem	8200261	2.000	Ea
2290	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
2300	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
2310	Video Traf Detection Camera, Rem	8200384	2.000	Ea
2320	Bracket, Truss, Rem	8200388	2.000	Ea
2330	Hemispherical Video Detection Camera	8200444	1.000	Ea
2340	Hemispherical Video Detection System	8200445	1.000	Ea
2350	TS Face, Bag	8200458	2.000	Ea
2360	TS Face, Bag, Rem	8200459	2.000	Ea
2370	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
2380	Strain Pole Fdn, 6 Bolt	8200470	16.000	Ft
2390	Casing	8200480	13.000	Ft

2400	Cellular Modem, TS, 4G	8200498	1.000	Ea
2410	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
2420	Monument Box	8210001	3.000	Ea
2430	Monument Box Adjust	8210005	3.000	Ea
2440	Monument Preservation	8210010	11.000	Ea
2450	Monument Preservation, Vertical	8210015	3.000	Ea
2460	Protect Corners	8210020	10.000	Ea
2470	Fire Hydrant	8230040	1.000	Ea
2480	Gate Valve and Box, 6 inch	8230051	6.000	Ea
2490	Gate Valve and Box, 8 inch	8230052	13.000	Ea
2500	Hydrant, Rem	8230091	1.000	Ea
2510	Water Main, 4 inch, Cut and Plug	8230130	6.000	Ea
2520	Water Main, DI, 6 inch, Tr Det G	8230151	15.000	Ft
2530	Water Main, DI, 8 inch, Tr Det G	8230156	542.000	Ft
2540	Water Serv	8230240	4.000	Ea
2550	Water Serv, Long	8230245	1.000	Ea
2560	Gate Box, Adj, Temp, Case 1	8230391	18.000	Ea
2570	Gate Box, Adj, Case 1	8230431	18.000	Ea
2580	Gate Box, Adj, Case 2	8230432	10.000	Ea
2590	_ Hydrant, Adj	8237050	1.000	Ea
2600	_ Live Tap, 8 inch by 8 inch	8237050	1.000	Ea
2610	_ Monitoring Well, Adjust	8237050	4.000	Ea
2620	Contractor Staking	8240001	1.000	LSUM
2630	Staking Plan Errors and Extras, One Person	8240020	21.000	Hr
2640	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
2650	Staking Plan Errors and Extras, Three Person	8240022	13.000	Hr
2660	Lightning Protection, Pole	8260021	1.000	Ea
2670	Flowable Fill, Non-Structural	8260148	6.000	Cyd

**Schedule of Pay Items**

Report v1

Letting Call: 201106 030**Letting Date:** November 6, 2020**Contract ID:** 81101-210106**Description:** Traffic signal modernizations, concrete curb and gutter, and sidewalk ramp upgrades on various routes in the cities of Chelsea and Ann Arbor, Washtenaw County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210106A	N/A	N/A	M 81101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$72,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.010	Acre
0030	Curb and Gutter, Rem	2040020	274.000	Ft
0040	Pavt, Rem	2040050	61.000	Syd
0050	Sidewalk, Rem	2040055	147.000	Syd
0060	Exploratory Investigation, Vertical	2040080	50.000	Ft
0070	Embankment, CIP	2050010	8.000	Cyd
0080	Excavation, Earth	2050016	44.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0120	Aggregate Base, 4 inch	3020010	331.000	Syd
0130	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0140	HMA Surface, Rem	5010005	61.000	Syd
0150	Hand Patching	5010025	8.000	Ton
0160	Conc Base Cse, Nonreinf, 7 inch	6020017	36.000	Syd
0170	Lane Tie, Epoxy Anchored	6030030	363.000	Ea
0180	_ Pedestrian Path, Temp	8007001	100.000	Ft
0190	_ Managed Field Ethernet Switch, Fiber Capable	8007050	3.000	Ea
0200	_ Pedestrian Ramp, Temp	8007050	4.000	Ea
0210	_ Roadside Unit, Intersection	8007050	3.000	Ea
0220	Curb and Gutter, Conc, Det F3	8020037	73.000	Ft
0230	Detectable Warning Surface	8030010	81.000	Ft
0240	Curb Ramp Opening, Conc	8030030	201.000	Ft
0250	Sidewalk Ramp, Conc, 4 inch	8030034	1,075.000	Sft
0260	Sidewalk Ramp, Conc, 6 inch	8030036	975.000	Sft
0270	Post, Steel, 3 lb	8100371	152.000	Ft

0280	Sign, Type III, Rem	8100403	11.000	Ea
0290	Sign, Type IIIB	8100405	45.000	Sft
0300	Mast Arm, Rem	8100560	2.000	Ea
0310	Mast Arm Std, Rem	8100570	2.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0330	Pavt Mrkg, Polyurea, 4 inch, White	8110091	200.000	Ft
0340	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	700.000	Ft
0350	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	630.000	Ft
0360	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	170.000	Ft
0370	Rem Spec Mrkg	8110343	223.000	Sft
0380	Recessing Pavt Mrkg, Transv	8110451	965.000	Sft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0410	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0420	Pedestrian Type II Channelizer, Temp	8120027	50.000	Ft
0430	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0440	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,080.000	Ft
0490	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0500	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0510	Sign Cover	8120310	4.000	Ea
0520	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0530	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0540	Sign, Type A, Temp, Prismatic, Furn	8120340	70.000	Sft
0550	Sign, Type A, Temp, Prismatic, Oper	8120341	70.000	Sft
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Slope Restoration, Type A	8160100	124.000	Syd
0600	Cable Pole, Sec, Disman	8190006	3.000	Ea
0610	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0620	Cable Pole, TS, Disman	8190010	1.000	Ea
0630	Conduit, DB, 1, 1 1/2 inch	8190027	350.000	Ft
0640	Conduit, DB, 1, 3 inch	8190029	375.000	Ft
0650	Conduit, DB, 2, 3 inch	8190032	20.000	Ft
0660	Conduit, DB, 3, 3 inch	8190035	130.000	Ft
0670	Conduit, DB, 4, 3 inch	8190038	35.000	Ft
0680	Conduit, Rem	8190140	30.000	Ft
0690	Hh, Polymer Conc	8190250	6.000	Ea
0700	Hh, Rem	8190254	4.000	Ea

0710	Hh, Round, 3 foot dia	8190259	3.000	Ea
0720	Hh, Round	8190260	16.000	Ea
0730	Cable, Sec, 600V, 1, 3/C#6	8190399	800.000	Ft
0740	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
0750	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0760	Wood Pole, Rem	8190505	1.000	Ea
0770	Conduit, Directional Bore, 2, 3 inch	8190604	135.000	Ft
0780	_ Conduit, DB, 1, 1 inch	8197001	60.000	Ft
0790	Case Sign, Rem	8200020	5.000	Ea
0800	Conduit Repr, Under Pavt	8200027	50.000	Ft
0810	Conduit Repr, Under Sidewalk or Earth	8200028	50.000	Ft
0820	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0830	Controller and Cabinet, Rem	8200030	6.000	Ea
0840	Controller Fdn, Base Mount	8200045	3.000	Ea
0850	Fdn, Rem	8200065	2.000	Ea
0860	Fish Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0870	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	4.000	Ea
0880	Pedestal, Alum	8200100	7.000	Ea
0890	Pedestal, Fdn	8200105	14.000	Ea
0900	Pedestal Fdn, Rem	8200106	2.000	Ea
0910	Pedestal, Rem	8200110	2.000	Ea
0920	Pedestal, Underground Serv, Unmetered	8200112	3.000	Ea
0930	Power Co. (Est. Cost to Contractor)	8200116	10,208.000	Dlr
0940	Pushbutton and Sign	8200121	6.000	Ea
0950	Pushbutton, Rem	8200122	2.000	Ea
0960	Pushbutton Pedestal, Alum	8200123	4.000	Ea
0970	Push Button Station and Sign	8200128	8.000	Ea
0980	Serv Disconnect	8200135	5.000	Ea
0990	Serv Disconnect, Rem	8200136	3.000	Ea
1000	Span Wire	8200140	11.000	Ea
1010	Span Wire, Rem	8200141	1.000	Ea
1020	Span Wire Tether	8200142	7.000	Ea
1030	TS, Mast Arm Mtd, Rem	8200177	5.000	Ea
1040	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1050	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1060	Cabinet, NEMA Type	8200186	3.000	Ea
1070	Warning Sign	8200260	2.000	Ea
1080	Warning Sign, Rem	8200261	4.000	Ea
1090	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	2.000	Ea
1100	TS, One Way Span Wire Mtd (LED)	8200313	23.000	Ea
1110	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
1120	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
1130	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea

1140	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
1150	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
1160	Wireless Intercn, Closed Loop, Rem	8200396	3.000	Ea
1170	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
1180	Wireless Vehicle Sensor Node, Rem	8200426	18.000	Ea
1190	Hemispherical Video Detection Camera	8200444	4.000	Ea
1200	Hemispherical Video Detection System	8200445	4.000	Ea
1210	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1220	Strain Pole, Steel, 6 bolt, 36 foot	8200461	7.000	Ea
1230	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
1240	Strain Pole Fdn, 6 Bolt	8200470	167.000	Ft
1250	Casing	8200480	85.000	Ft
1260	Cellular Modem, TS, 4G	8200498	2.000	Ea
1270	Backplate, TS	8200501	19.000	Ea
1280	_ Controller, NEMA, ATC Type	8207050	3.000	Ea
1290	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	1.000	Ea
1300	Contractor Staking, Road Only	8240007	1.000	LSUM
1310	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
1320	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1330	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
1340	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1350	Lightning Protection, Pole	8260021	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 031

Letting Date: November 6, 2020

Contract ID: 41064-204663

Description: 3.48 mi of hot mix asphalt shoulder cold milling and resurfacing, transverse and longitudinal concrete pavement repairs on M-6 from Kalamazoo Avenue east to east of East Paris Avenue, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204663A	N/A	N/A	M 41064

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$149,200.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	443.000	Ton
0030	Dr Marker Post	4011109	271.000	Ea
0040	Underdrain Outlet, 6 inch	4040093	500.000	Ft
0050	Underdrain, Outlet Ending, 6 inch	4040113	25.000	Ea
0060	_ Underdrain Outlet Cleanout	4047050	246.000	Ea
0070	Pavt, Cleaning	5010001	1.000	LSUM
0080	Cold Milling HMA Surface	5010002	13,574.000	Syd
0090	HMA Quality Initiative	5010007	2,398.000	Dlr
0100	Pavt Joint and Crack Repr, Det 7	5010020	200.000	Ft
0110	Hand Patching	5010025	10.000	Ton
0120	HMA, 5E3	5010057	1,189.000	Ton
0130	_ Asphalt Repair Mastic	5027001	5,000.000	Ft
0140	Joint, Contraction, Cp	6020200	510.000	Ft
0150	Cement	6030005	64.000	Ton
0160	Joint, Contraction, Crg	6030020	13,281.000	Ft
0170	Lane Tie, Epoxy Anchored	6030030	1,294.000	Ea
0180	Non-Chloride Accelerator	6030035	2,949.000	Gal
0190	Pavt Repr, Nonreinf Conc, 12 inch	6030052	3,806.000	Syd
0200	Pavt Repr, Rem	6030080	3,806.000	Syd
0210	Saw Cut, Intermediate	6030090	30.000	Ft
0220	Resealing Trans Joints with Hot-Poured Rubber	6030100	44,315.000	Ft
0230	Resealing Longit Joints with Hot-Poured Rubber	6030101	27,475.000	Ft
0240	_ Joint, Tied, 2.5 foot, Special	6037001	3,153.000	Ft
0250	_ Protective Conc Pavt Joint Treatment	6037001	13,914.000	Ft
0260	_ Pavt Repr, 2.5 foot, Nonreinf, 12 inch, Special	6037011	877.000	Syd
0270	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	877.000	Syd
0280	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	45,936.000	Ft

0290	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	36,749.000	Ft
0300	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	2,485.000	Ft
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	26.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	26.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0360	Ltg for Night Work	8120160	1.000	LSUM
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Plastic Drum, Fluorescent, Furn	8120252	1,557.000	Ea
0390	Plastic Drum, Fluorescent, Oper	8120253	1,557.000	Ea
0400	Sign Cover	8120310	7.000	Ea
0410	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0420	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0430	Sign, Type A, Temp, Prismatic, Furn	8120340	28.000	Sft
0440	Sign, Type A, Temp, Prismatic, Oper	8120341	28.000	Sft
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	1,972.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	1,972.000	Sft
0470	Shoulder Corrugations, Ground or Cut, HMA	8220001	18,182.000	Ft
0480	Contractor Staking, Road Only	8240007	1.000	LSUM
0490	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
0500	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0510	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 201106 032

Letting Date: November 6, 2020

Contract ID: 19000-204134

Description: Hot mix asphalt single course cold milling and resurfacing of carpool lot at US-127 and Price Road, Clinton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204134A	20A1152	N/A	NH 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$8,900.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	111.000	Cyd
0030	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0040	Project Cleanup	2090001	1.000	LSUM
0050	Aggregate Base, 6 inch	3020016	226.000	Syd
0060	Shoulder, CI II, LM	3070123	74.000	Cyd
0070	Cold Milling HMA Surface	5010002	226.000	Syd
0080	HMA Surface, Rem	5010005	226.000	Syd
0090	HMA Quality Initiative	5010007	920.000	Dlr
0100	HMA Approach	5010061	43.000	Ton
0110	HMA, LVSP	5010703	417.000	Ton
0120	Post, Steel, 3 lb	8100371	56.000	Ft
0130	Sign, Type IIIA	8100404	8.000	Sft
0140	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	4.000	Ea
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	161.000	Ft
0160	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	2,231.000	Ft
0170	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0180	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, Fluorescent, Furn	8120252	14.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	14.000	Ea
0240	Sign Cover	8120310	2.000	Ea
0250	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0260	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	260.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	260.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	55.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	55.000	Sft

**Schedule of Pay Items**

Report v1

Letting Call: 201106 033**Letting Date:** November 6, 2020**Contract ID:** 08034-210416**Description:** 2.39 mi of installation of guardrail on various routes, Barry County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210416A	20A1120	N/A	HSIP 08034

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,600.00	1500001	1.000	LSUM
0020	Guardrail, Type MGS-8	8070004	12,133.000	Ft
0030	Guardrail, Curved, Type B	8070010	488.000	Ft
0040	Guardrail Approach Terminal, Type 2M	8070044	42.000	Ea
0050	Guardrail Departing Terminal, Type B	8070050	22.000	Ea
0060	Guardrail Reflector	8070080	800.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	504.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	504.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM

**Schedule of Pay Items**

Report v1

Letting Call: 201106 034**Letting Date:** November 6, 2020**Contract ID:** 50000-207252**Description:** 12.42 mi of sign replacement, steel posts, wood posts and guardrail post mounted bi-directional delineation on North Avenue from 26 Mile Road to Bordman Road, Macomb County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207252A	20A1035	N/A	HRRR 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,400.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	3,626.000	Ft
0030	Post, Wood, 4 inch by 6 inch	8100380	1,088.000	Ft
0040	Sign, Type II, Rem	8100397	2.000	Ea
0050	Sign, Type IIA	8100398	24.000	Sft
0060	Sign, Type III, Rem	8100403	213.000	Ea
0070	Sign, Type IIIA	8100404	390.000	Sft
0080	Sign, Type IIIB	8100405	1,240.000	Sft
0090	Sign, Type VB	8100425	400.000	Sft
0100	Reflective Panel for Permanent Sign Support, 6 foot	8100616	262.000	Ea
0110	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	5,985.000	Ft
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	132.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	132.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 035

Letting Date: November 6, 2020

Contract ID: 82103-201364

Description: 1.41 mi of full depth concrete pavement repairs, concrete crack sealing, resealing longitudinal and transverse joints and pavement markings on M-8 from M-10 to Oakland Avenue in the cities of Detroit and Highland Park, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201364A	20A1103	N/A	NH 82103

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$431,000.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	69.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0040	Dr Structure Cover, Adj, Case 1, Modified	4030004	172.000	Ea
0050	Dr Structure Cover, Type CX	4030020	172.000	Ea
0060	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0070	Conc Pavt, Misc, Nonreinf, 11 1/2 inch	6020061	440.000	Syd
0080	Joint, Contraction, Cp	6020200	779.000	Ft
0090	Cement	6030005	300.000	Ton
0100	Crack Sealing, Conc Pavt	6030010	3,000.000	Ft
0110	Joint, Contraction, Crg	6030020	70,187.000	Ft
0120	Joint, Expansion, Esc	6030022	220.000	Ft
0130	Lane Tie, Epoxy Anchored	6030030	1,096.000	Ea
0140	Non-Chloride Accelerator	6030035	12,764.000	Gal
0150	Pavt Repr, Nonreinf Conc, 11 1/2 inch	6030051	19,978.000	Syd
0160	Pavt Repr, Rem	6030080	20,873.000	Syd
0170	Saw Cut, Intermediate	6030090	2,561.000	Ft
0180	Resealing Trans Joints with Hot-Poured Rubber	6030100	46,469.000	Ft
0190	Resealing Longit Joints with Hot-Poured Rubber	6030101	121,182.000	Ft
0200	Curb and Gutter, Conc, Det D1	8020030	1,639.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	18,000.000	Ft
0220	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	18,000.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	12,400.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	18,713.000	Ft
0250	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	1,000.000	Ft
0260	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0270	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	10,000.000	Ft

0280	Recessing Pavt Mrkg, Longit	8110450	10,000.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0330	Ltg for Night Work	8120160	1.000	LSUM
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Mobile Attenuator	8120180	9.000	Ea
0360	Plastic Drum, Fluorescent, Furn	8120252	600.000	Ea
0370	Plastic Drum, Fluorescent, Oper	8120253	600.000	Ea
0380	Sign Cover	8120310	15.000	Ea
0390	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0400	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0430	Hh, Type D	8190262	1.000	Ea
0440	_ Permanent Traffic Recorder Loops Only	8207051	1.000	LSUM
0450	Shoulder Corrugations, Ground or Cut, Conc	8220000	29,463.000	Ft
0460	Contractor Staking, Road Only	8240007	1.000	LSUM
0470	Staking Plan Errors and Extras, One Person	8240020	31.000	Hr
0480	Staking Plan Errors and Extras, Two Person	8240021	13.000	Hr
0490	Staking Plan Errors and Extras, Three Person	8240022	19.000	Hr
0500	Flowable Fill, Non-Structural	8260148	3.000	Cyd



Schedule of Pay Items

Report v1

Letting Call: 201106 036

Letting Date: November 6, 2020

Contract ID: 12041-208373

Description: 22.83 mi of single course chip sealing and fog sealing and pavement markings on M-86 from Kane Road to west of US-12, M-99 from the Hillsdale/Calhoun County line to south of Powers Street and M-99 from M-60 to the Kalamazoo River in the city of Albion, Kalamazoo and Calhoun Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208373A	20A1135	N/A	ST 12041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$160,000.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0030	Shoulder, CI II	3070121	3,910.000	Ton
0040	Hand Patching	5010025	5.000	Ton
0050	_ Seal, Fog	5017011	398,690.000	Syd
0060	Overband Crack Fill, Lane	5020003	45.710	Lnmi
0070	Micro-Surface, Single Cse	5040010	20,771.000	Syd
0080	Chip Seal, Single, Warranty	5050040	398,690.000	Syd
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	150.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	107,410.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	239,326.000	Ft
0120	Pavt Mrkg, Waterborne, 12 inch, White	8110237	150.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	150.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	107,410.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	239,326.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	150.000	Ft
0170	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0180	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	550.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	550.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	20.000	Ea
0240	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	9,350.000	Ea
0250	Sign Cover	8120310	15.000	Ea

0260	Sign, Type B, Temp, Prismatic, Furn	8120350	1,024.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	1,024.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0290	Protect Corners	8210020	39.000	Ea
0300	Centerline Corrugations, Milled, HMA	8220013	93,252.000	Ft
0310	Contractor Staking, Road Only	8240007	1.000	LSUM
0320	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0330	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0340	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 201106 037

Letting Date: November 6, 2020

Contract ID: 41061-210103

Description: Traffic signal installation and modernization on M-11 at 3 Mile Road and M-44 at Lincoln Lake Avenue in the city of Walker, Kent and Ottawa counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210103A	N/A	N/A	M 41061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,300.00	1500001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	10.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0040	Erosion Control, Silt Fence	2080036	250.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0060	_ Managed Field Ethernet Switch, Fiber Capable	8007050	2.000	Ea
0070	_ Roadside Unit, Intersection	8007050	2.000	Ea
0080	Post, Steel, 3 lb	8100371	240.000	Ft
0090	Sign, Type II, Rem	8100397	2.000	Ea
0100	Sign, Type III, Rem	8100403	16.000	Ea
0110	Sign, Type IIIB	8100405	72.000	Sft
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	280.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	212.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,118.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,571.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	212.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,118.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,571.000	Ft
0200	Rem Spec Mrkg	8110343	100.000	Sft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,176.000	Ft

0270	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0290	Sign Cover	8120310	10.000	Ea
0300	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	Conduit, DB, 1, 1 1/2 inch	8190027	89.000	Ft
0360	Conduit, DB, 3, 3 inch	8190035	66.000	Ft
0370	Conduit, DB, 4, 3 inch	8190038	23.000	Ft
0380	Hh, Polymer Conc	8190250	4.000	Ea
0390	Hh, Round, 3 foot dia	8190259	2.000	Ea
0400	Hh, Round	8190260	6.000	Ea
0410	Cable, Sec, 600V, 1, 3/C#6	8190399	600.000	Ft
0420	Wood Pole, Rem	8190505	2.000	Ea
0430	_ Conduit, DB, 1, 1 inch	8197001	28.000	Ft
0440	Case Sign, Rem	8200020	1.000	Ea
0450	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	8.000	Ea
0460	Controller and Cabinet, Rem	8200030	1.000	Ea
0470	Controller Fdn, Base Mount	8200045	2.000	Ea
0480	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	2.000	Ea
0490	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
0500	Serv Disconnect	8200135	2.000	Ea
0510	Serv Disconnect, Rem	8200136	1.000	Ea
0520	Span Wire	8200140	8.000	Ea
0530	Span Wire, Rem	8200141	1.000	Ea
0540	Span Wire Tether	8200142	8.000	Ea
0550	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0560	Cabinet, NEMA Type	8200186	2.000	Ea
0570	TS, One Way Span Wire Mtd (LED)	8200313	16.000	Ea
0580	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
0590	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0600	Hemispherical Video Detection Camera	8200444	2.000	Ea
0610	Hemispherical Video Detection System	8200445	2.000	Ea
0620	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
0630	Strain Pole, Steel, 6 bolt, 40 foot	8200462	4.000	Ea
0640	Strain Pole Fdn, 6 Bolt	8200470	127.000	Ft
0650	Casing	8200480	99.000	Ft
0660	Cellular Modem, TS, 4G	8200498	2.000	Ea
0670	Backplate, TS	8200501	18.000	Ea
0680	_ Controller, NEMA, ATC Type	8207050	2.000	Ea
0690	Contractor Staking, Road Only	8240007	1.000	LSUM

0700	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0710	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0720	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
0730	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0740	Lightning Protection, Pole	8260021	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 038

Letting Date: November 6, 2020

Contract ID: 44031-210379

Description: Advance warning sign installation flashers on M-53 at Borland Road in the city of Imlay City, Lapeer County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210379A	N/A	N/A	M 44031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$4,000.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	1.000	Cyd
0030	Excavation, Earth	2050016	1.000	Cyd
0040	Aggregate Base, 6 inch	3020016	5.000	Syd
0050	HMA Surface, Rem	5010005	5.000	Syd
0060	_ Pedestrian Path, Temp	8007001	5.000	Ft
0070	Sidewalk, Conc, 4 inch	8030044	40.000	Sft
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	45.000	Ea
0090	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	45.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	344.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	344.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0160	Mulch Blanket	8160027	4.000	Syd
0170	Slope Restoration, Type B	8160101	8.000	Syd
0180	Conduit, DB, 1, 1 1/2 inch	8190027	40.000	Ft
0190	Hh, Round	8190260	2.000	Ea
0200	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0210	Wood Pole	8190465	1.000	Ea
0220	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	2.000	Ea
0230	Power Co. (Est. Cost to Contractor)	8200116	5,000.000	Dlr
0240	Serv Disconnect	8200135	2.000	Ea
0250	Warning Sign	8200260	2.000	Ea
0260	Wireless Intercn, Sign Mtd Flasher, Master	8200490	1.000	Ea
0270	Wireless Intercn, Sign Mtd Flasher, Repeater	8200491	1.000	Ea
0280	Wireless Intercn, Sign Mtd Flasher, Remote	8200492	1.000	Ea

0290	Contractor Staking, Road Only	8240007	1.000	LSUM
0300	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0310	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0320	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

**Schedule of Pay Items**

Report v1

Letting Call: 201106 039**Letting Date:** November 6, 2020**Contract ID:** 83033-208837

Description: 5.45 mi of hot mix asphalt cold milling and resurfacing, joint replacement at bridges and pavement markings on US-131 from south of US-131BR to south of Boon Road in the city of Cadillac, Wexford County. This project includes a 3 year materials and workmanship pavement warranty and a 5 year epoxy performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208837A	20A1114	N/A	NH 83033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Inspection and Flagging	1027060	8,000.000	Dir
0020	_ Railroad Protection	1027060	20,000.000	Dir
0030	Mobilization, Max \$311,400.00	1500001	1.000	LSUM
0040	Shoulder, CI II	3070121	200.000	Ton
0050	Cold Milling HMA Surface	5010002	303,058.000	Syd
0060	HMA Quality Initiative	5010007	51,686.000	Dir
0070	Longitudinal Joint Density Quality Initiative	5010018	76,840.000	Dir
0080	HMA, 5E3	5010057	25,003.000	Ton
0090	HMA Approach	5010061	840.000	Ton
0100	Joint, Expansion, E3	6020208	176.000	Ft
0110	_ Silane Treatment	7107010	1,983.000	Sft
0120	Deck Joint, Rem	7120071	176.000	Ft
0130	_ Epoxy / HMA Ovly, Rem	7127011	2,025.000	Syd
0140	_ High Friction Epoxy Ovly, Warranty	7127011	1,155.000	Syd
0150	Post, Steel, 3 lb	8100371	56.000	Ft
0160	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0170	Sign, Type III, Rem	8100403	2.000	Ea
0180	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0190	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	4.000	Ea
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	270.000	Ft
0210	Pavt Mrkg, Waterborne, 6 inch, White	8110233	71,877.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	71,243.000	Ft
0230	Pavt Mrkg, Waterborne, 12 inch, White	8110237	7,322.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	71,877.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	71,243.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	7,322.000	Ft

0270	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0280	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0290	Pavt Mrkg, Polyurea, Only	8110410	8.000	Ea
0300	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0310	Recessing Pavt Mrkg, Longit	8110450	164,830.000	Ft
0320	Recessing Pavt Mrkg, Transv	8110451	540.000	Sft
0330	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	14,388.000	Ft
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Sign Cover	8120310	8.000	Ea
0420	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0430	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0440	Sign, Type A, Temp, Prismatic, Furn	8120340	36.000	Sft
0450	Sign, Type A, Temp, Prismatic, Oper	8120341	36.000	Sft
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	648.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	648.000	Sft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	5,000.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	79,199.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	71,243.000	Ft
0510	Shoulder Corrugations, Ground or Cut, HMA	8220001	115,200.000	Ft

**Schedule of Pay Items**

Report v1

Letting Call: 201106 040**Letting Date:** November 6, 2020**Contract ID:** 13122-203667

Description: 2.81 mi of hot mix asphalt cold milling and single course overlay, concrete sidewalk ramps and pavement markings on M-96 from Helmer Road easterly to east of Tyler Street in the city of Battle Creek, Calhoun County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203667A	20A1105	N/A	NH 13122

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$133,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,341.000	Ft
0030	Sidewalk, Rem	2040055	680.000	Syd
0040	Excavation, Earth	2050016	377.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	123.000	Ea
0070	Aggregate Base, 3 inch	3020008	1,221.000	Syd
0080	Dr Structure Cover, Adj, Case 1, Modified	4030004	86.000	Ea
0090	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0100	Dr Structure Cover, Type B	4030010	5.000	Ea
0110	Dr Structure Cover, Type K	4030050	18.000	Ea
0120	Dr Structure Cover, Type Q	4030065	5.000	Ea
0130	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0140	Cold Milling HMA Surface	5010002	102,202.000	Syd
0150	Bump Grinding	5010004	225.000	Syd
0160	HMA Surface, Rem	5010005	396.000	Syd
0170	HMA Quality Initiative	5010007	16,992.000	Dlr
0180	Longitudinal Joint Density Quality Initiative	5010018	62,019.000	Dlr
0190	Hand Patching	5010025	51.000	Ton
0200	HMA, 5E1	5010056	7,859.000	Ton
0210	HMA Approach	5010061	586.000	Ton
0220	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	235.000	Syd
0230	Conc Quality Initiative	6020401	286.000	Dlr
0240	Curb, Conc, Det E2	8020002	48.000	Ft
0250	Curb and Gutter, Conc, Det F4	8020038	655.000	Ft
0260	Curb and Gutter, Conc, Det F6	8020040	139.000	Ft
0270	Driveway Opening, Conc, Det M	8020050	31.000	Ft

0280	Detectable Warning Surface	8030010	297.000	Ft
0290	Curb Ramp Opening, Conc	8030030	493.000	Ft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	6,151.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	338.000	Sft
0320	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0330	Post, Steel, 3 lb	8100371	56.000	Ft
0340	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0350	Sign, Type III, Rem	8100403	10.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,700.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	165.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	960.000	Ft
0390	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,500.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,100.000	Ft
0430	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,100.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	8,500.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,100.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,100.000	Ft
0470	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0500	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Pavt Mrkg Cover, Type R, Black	8120200	530.000	Ft
0550	Plastic Drum, Fluorescent, Furn	8120252	264.000	Ea
0560	Plastic Drum, Fluorescent, Oper	8120253	264.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	988.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	988.000	Sft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	6,600.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	6,600.000	Ft
0610	Site Preparation, Max \$1,500.00	8150001	1.000	LSUM
0620	Fertilizer, Chemical Nutrient, CI A	8160020	37.000	Lb
0630	Mulch Blanket	8160027	779.000	Syd
0640	Seeding, Mixture TUF	8160042	36.000	Lb
0650	Topsoil Surface, Furn, 4 inch	8160062	779.000	Syd
0660	Traf Loop	8200170	7.000	Ea
0670	Wireless Vehicle Sensor Node, Salv	8200427	18.000	Ea
0680	TS Face, Bag	8200458	50.000	Ea
0690	TS Face, Bag, Rem	8200459	50.000	Ea

0700	Monument Box	8210001	2.000	Ea
0710	Monument Box Adjust	8210005	1.000	Ea
0720	Protect Corners	8210020	14.000	Ea
0730	Water Shutoff, Adj, Case 1	8230421	4.000	Ea
0740	Gate Box, Adj, Case 1	8230431	35.000	Ea
0750	Contractor Staking, Road Only	8240007	1.000	LSUM
0760	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
0770	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0780	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 201106 041

Letting Date: November 6, 2020

Contract ID: 68012-203965

Description: 1.34 mi of fine textured pavement hot mix asphalt cold milling and one course overlay, concrete pavement repairs, sidewalk ramp upgrades and pavement markings on M-33 from 14th Street to McKinley Road, Oscoda County. This project includes a 3 year material and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203965A	20A1108	N/A	ST 68012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	781.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0040	Pavt, Rem	2040050	24.000	Syd
0050	Sidewalk, Rem	2040055	604.000	Syd
0060	Embankment, LM	2050011	25.000	Cyd
0070	Excavation, Earth	2050016	55.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	55.000	Ea
0100	Aggregate Base	3020001	10.000	Ton
0110	_ Shoulder, CL II, Modified	3077031	165.000	Ton
0120	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0130	Dr Structure Cover, Type K	4030050	3.000	Ea
0140	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0150	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0160	HMA Surface, Rem	5010005	187.000	Syd
0170	HMA Quality Initiative	5010007	7,676.000	Dlr
0180	Longitudinal Joint Density Quality Initiative	5010018	21,720.000	Dlr
0190	Hand Patching	5010025	133.000	Ton
0200	Fine Textured Pavement Milling	5010100	40,815.000	Syd
0210	HMA, 5E3, High Stress	5010515	3,250.000	Ton
0220	HMA Approach, High Stress	5010520	455.000	Ton
0230	_ Asphalt Repair Mastic	5027001	1,450.000	Ft
0240	Joint, Contraction, Cp	6020200	79.000	Ft
0250	Joint, Expansion, E2	6020207	30.000	Ft
0260	Joint, Plane-of-Weakness, W	6020211	15.000	Ft

0270	Joint, Contraction, Crg	6030020	204.000	Ft
0280	Joint, Expansion, Erg	6030021	69.000	Ft
0290	Joint, Expansion, Esc	6030022	10.000	Ft
0300	Lane Tie, Epoxy Anchored	6030030	130.000	Ea
0310	Pavt Repr, Nonreinf Conc, 10 inch	6030048	164.000	Syd
0320	Pavt Repr, Rem	6030080	164.000	Syd
0330	Saw Cut, Intermediate	6030090	138.000	Ft
0340	Resealing Trans Joints with Hot-Poured Rubber	6030100	2,760.000	Ft
0350	Resealing Longit Joints with Hot-Poured Rubber	6030101	4,450.000	Ft
0360	Curb and Gutter, Conc, Det F5	8020039	40.000	Ft
0370	Curb and Gutter, Conc, Det F6	8020040	151.000	Ft
0380	Detectable Warning Surface	8030010	211.000	Ft
0390	Curb Ramp Opening, Conc	8030030	592.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	4,487.000	Sft
0410	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	81.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0440	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	148.000	Ft
0450	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	135.000	Ft
0460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,742.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,659.000	Ft
0480	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,467.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,742.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,659.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	12,467.000	Ft
0520	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	40.000	Ft
0530	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	110.000	Ft
0540	Rem Curing Compound, for Spec Mrkg	8110321	138.000	Sft
0550	Rem Spec Mrkg	8110343	617.000	Sft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0580	Pedestrian Type II Barricade, Temp	8120026	74.000	Ea
0590	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0600	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0610	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0620	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Pavt Mrkg Cover, Type R, Black	8120200	3,000.000	Ft
0650	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,387.000	Ft
0660	PTS System, Temp, Furn	8120270	1.500	Ea
0670	PTS System, Temp, Oper	8120271	1.500	Ea
0680	Sign Cover	8120310	12.000	Ea
0690	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea

0700	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0710	Sign, Type B, Temp, Prismatic, Furn	8120350	998.000	Sft
0720	Sign, Type B, Temp, Prismatic, Oper	8120351	998.000	Sft
0730	Traf Regulator Control	8120370	1.000	LSUM
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	112.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,680.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,213.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	1,680.000	Ft
0780	Slope Restoration, Type A	8160100	233.000	Syd
0790	Hh, Adj	8190244	1.000	Ea
0800	Monument Box Adjust	8210005	4.000	Ea
0810	Protect Corners	8210020	10.000	Ea
0820	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0830	Gate Box, Adj, Case 1	8230431	4.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 042

Letting Date: November 6, 2020

Contract ID: 28000-130378

Description: 4.35 mi of hot mix asphalt base crushing, shaping and resurfacing, tree removal, clearing, drainage and pavement markings on Walton Road from Blackman Road to west of the railroad tracks, Grand Traverse County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130378A	20A1042	N/A	STL 28000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Protection, at Grade Crossing	1027060	2,400.000	Dir
0020	Mobilization, Max \$174,900.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.100	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0050	Tree, Rem, 37 inch or Larger	2020003	5.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0070	_ Ditching	2027002	22.000	Sta
0080	Culv, Rem, Less than 24 inch	2030001	19.000	Ea
0090	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0100	Pavt, Rem	2040050	89.000	Syd
0110	Subgrade Undercutting, Type II	2050041	3,872.000	Cyd
0120	_ Roadway Grading	2057002	14.000	Sta
0130	Erosion Control, Silt Fence	2080036	1,116.000	Ft
0140	Aggregate Base	3020001	10,150.000	Ton
0150	HMA Base Crushing and Shaping	3050002	76,891.000	Syd
0160	_ HMA Base Crushing and Shaping, Modified	3057011	4,765.000	Syd
0170	Approach, CI I	3070001	174.000	Ton
0180	Approach, CI II	3070021	599.000	Ton
0190	Shoulder, CI II	3070121	2,265.000	Ton
0200	Trenching	3070200	452.000	Sta
0210	Culv End Sect, 15 inch	4010015	32.000	Ea
0220	Culv End Sect, Conc, 15 inch	4010048	10.000	Ea
0230	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0240	Culv, CI A, Conc, 15 inch	4010166	80.000	Ft
0250	Culv, CI A, Conc, 36 inch	4010170	48.000	Ft
0260	Culv, CI E, Conc, 15 inch	4010574	208.000	Ft
0270	Culv, CI F, 15 inch	4010608	430.000	Ft

0280	Dr Marker Post	4011109	12.000	Ea
0290	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	1,936.000	Ft
0300	Underdrain Outlet, 6 inch	4040093	120.000	Ft
0310	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0320	HMA Surface, Rem	5010005	762.000	Syd
0330	HMA, 4E1	5010050	8,321.000	Ton
0340	HMA, 5E1	5010056	6,232.000	Ton
0350	HMA Approach	5010061	95.000	Ton
0360	_ HMA Curb, Modified	8057001	2,394.000	Ft
0370	Guardrail, Type B	8070000	750.000	Ft
0380	Guardrail, Curved, Type B	8070010	38.000	Ft
0390	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0400	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0410	Guardrail Reflector	8070080	38.000	Ea
0420	Post, Mailbox	8070095	95.000	Ea
0430	Pavt Mrkg, Waterborne, 4 inch, White	8110231	45,408.000	Ft
0440	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	23,548.000	Ft
0450	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0500	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	447.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	447.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	159.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	159.000	Sft
0550	Riprap, Plain	8130010	37.000	Syd
0560	_ HMA Spillway	8147011	30.000	Syd
0570	Slope Restoration, Type A	8160100	1,300.000	Syd
0580	Slope Restoration, Type B	8160101	30,700.000	Syd
0590	Slope Restoration, Type C	8160102	7,400.000	Syd
0600	Monument Box Adjust	8210005	5.000	Ea
0610	Monument Preservation	8210010	5.000	Ea



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AASHTOWare Project™ Version 4.2.2 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 201106 043

Letting Date: November 6, 2020

Contract ID: 33183-209924

Description: Interchange lighting upgrade to LED luminaire along I-96BL at Cedar Street/Pennsylvania Avenue in the city of Lansing, Ingham County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209924A	20A1113	N/A	NH 33183

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,200.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Mobile Attenuator	8120180	2.000	Ea
0070	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0080	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0090	Sign Cover	8120310	5.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	650.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	650.000	Sft
0120	Luminaire, Rem	8190360	20.000	Ea
0130	_ Tower Cable, Install	8197001	450.000	Ft
0140	_ Luminaire, Tower	8197050	20.000	Ea



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AASHTOWare Project™ Version 4.2.2 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 201106 044

Letting Date: November 6, 2020

Contract ID: 12000-130098

Description: 15.20 mi of hot chip seal and pavement markings on various routes, Branch County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130098A	20A0972	N/A	STL 12000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,600.00	1500001	1.000	LSUM
0020	Seal, Single Chip	5050001	197,325.000	Syd
0030	_ Seal, Fog	5057011	197,325.000	Syd
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	159,950.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	45,350.000	Ft
0060	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	3,635.000	Ea
0100	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	3,635.000	Ea
0110	Sign Cover	8120310	4.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	88.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	88.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 045

Letting Date: November 6, 2020

Contract ID: 82000-209404

Description: 0.44 mi of hot mix asphalt cold milling, resurfacing and widening, concrete curb and gutter, guardrail and pavement markings on Cherry Hill Road from east of Lilley Road to east of Haggerty Road, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209404A	20A1077	N/A	EDCF 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$163,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	34.000	Ea
0040	Culv, Rem, Over 48 inch	2030003	6.000	Ea
0050	Culv, End, Rem, Over 48 inch	2030007	1.000	Ea
0060	Dr Structure, Rem	2030011	1.000	Ea
0070	Sewer, Rem, Over 48 inch	2030017	16.000	Ft
0080	Curb and Gutter, Rem	2040020	237.000	Ft
0090	Guardrail, Rem	2040035	468.000	Ft
0100	Pavt, Rem	2040050	476.000	Syd
0110	Sidewalk, Rem	2040055	51.000	Syd
0120	Exploratory Investigation, Vertical	2040080	100.000	Ft
0130	_ Misc Culvert Cleanout	2047001	50.000	Ft
0140	_ Misc Pavt, Rem, Patching	2047011	1,395.000	Syd
0150	_ Misc Obstruction, Rem	2047021	10.000	Cyd
0160	Excavation, Earth	2050016	3,070.000	Cyd
0170	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0180	_ Ditch Cleanout, Modified	2057002	2.000	Sta
0190	_ Embankment, CIP, Modified	2057021	405.000	Cyd
0200	_ Misc Subgrade Undercutting, Type IV	2057021	500.000	Cyd
0210	_ Subgrade Undercutting, Type I, Modified	2057021	100.000	Cyd
0220	_ Subgrade Undercutting, Type II, Modified	2057021	200.000	Cyd
0230	Erosion Control, Check Dam, Stone	2080012	60.000	Ft
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0250	Erosion Control, Sediment Basin	2080032	20.000	Cyd
0260	Erosion Control, Silt Fence	2080036	2,750.000	Ft
0270	_ Misc Erosion Control, Stone Filter at Structure	2087050	2.000	Ea

0280	Project Cleanup	2090001	1.000	LSUM
0290	_ Aggregate Base, 6 inch, Modified	3027011	333.000	Syd
0300	_ Aggregate Base, 9 inch, Modified	3027011	3,524.000	Syd
0310	_ Misc Maintenance Aggregate, 21AA	3027031	487.000	Ton
0320	_ Shoulder, CI I, 6 inch, Modified	3077011	606.000	Syd
0330	Geotextile, Stabilization	3080010	3,524.000	Syd
0340	Culv End Sect, Conc, 72 inch	4010059	1.000	Ea
0350	Outfall Label	4011115	1.000	Ea
0360	_ Sewer Cleanout	4017001	1,000.000	Ft
0370	_ Culv, Slp End Sect, Ellip Pipe, 1 on 4, 58 inch by 91 inch, Longit	4017050	1.000	Ea
0380	Sewer, CI E, 12 inch, Tr Det B	4020600	18.000	Ft
0390	Sewer, CI E, 36 inch, Tr Det B	4020605	52.000	Ft
0400	Sewer, CI E, 72 inch, Tr Det B	4020611	619.000	Ft
0410	Video Taping Sewer and Culv Pipe	4021275	2,000.000	Ft
0420	Sewer, Reinf Conc Ellip, HE CI II, 58 inch by 91 inch, Tr Det B	4021390	16.000	Ft
0430	Dr Structure, Cleaning	4030290	10.000	Ea
0440	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0450	_ Misc Structure Reconstruct	4037001	10.000	Ft
0460	_ Misc Inlet A, Cover C	4037050	3.000	Ea
0470	_ Misc Mh D, 108 inch dia, Cover A	4037050	1.000	Ea
0480	_ Misc Mh D, 108 inch dia, Cover C	4037050	3.000	Ea
0490	_ Misc Mh D, 84 inch dia, Cover A	4037050	2.000	Ea
0500	_ Misc San Structure Cover, Adj, Furn Cover	4037050	6.000	Ea
0510	_ Misc Storm Water Pollution Control Unit, 12.5 cfs	4037050	1.000	Ea
0520	_ Misc Structure Cover, Adj	4037050	5.000	Ea
0530	_ Misc Structure Cover, Adj, Furn Cover A	4037050	6.000	Ea
0540	_ Misc Structure Cover, Adj, Furn Cover C	4037050	2.000	Ea
0550	_ Misc Structure Cover, Adj, Furn Cover S	4037050	10.000	Ea
0560	_ Misc Underdrain Trench Lining	4047001	1,110.000	Ft
0570	_ Misc Underdrain, Subgrade, Shallow, 6 inch	4047001	1,110.000	Ft
0580	Cold Milling HMA Surface	5010002	13,968.000	Syd
0590	HMA Surface, Rem	5010005	745.000	Syd
0600	Pavt Joint and Crack Repr, Det 8	5010021	100.000	Ft
0610	_ Misc Temp HMA Surface, 2 inch	5017010	2,000.000	Sft
0620	_ Misc Cold Milling Conc Surface	5017011	50.000	Syd
0630	_ Misc Conditioning Existing Pavement	5017031	200.000	Ton
0640	_ Misc HMA, 3E10	5017031	590.000	Ton
0650	_ Misc HMA, 4E10	5017031	1,640.000	Ton
0660	_ Misc HMA, 5E10	5017031	1,558.000	Ton
0670	_ Misc HMA, Hand Patching	5017031	47.000	Ton
0680	_ Misc HMA, Wedge	5017031	50.000	Ton
0690	Joint, Contraction, Cp	6020200	1,050.000	Ft
0700	Joint, Expansion, E2	6020207	600.000	Ft

0710	_ Misc Cold Weather Protection, Conc Pavt	6027011	1,000.000	Syd
0720	Joint, Contraction, Crg	6030020	4,200.000	Ft
0730	_ Bump Grinding, Modified	6037011	100.000	Syd
0740	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,395.000	Syd
0750	Driveway, Nonreinf Conc, 6 inch	8010005	98.000	Syd
0760	Curb and Gutter, Conc, Det F2	8020036	781.000	Ft
0770	Curb and Gutter, Conc, Det F4	8020038	121.000	Ft
0780	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
0790	Spillway, Conc	8020075	50.000	Ft
0800	_ Misc Conc Curb Cap	8027001	100.000	Ft
0810	_ Misc Conc Curb Cap, Patching	8027001	50.000	Ft
0820	Detectable Warning Surface	8030010	11.000	Ft
0830	Curb Ramp Opening, Conc	8030030	13.000	Ft
0840	Sidewalk, Conc, 4 inch	8030044	413.000	Sft
0850	_ Sidewalk Ramp, Conc, 8 inch	8037010	58.000	Sft
0860	Guardrail, Type MGS-8	8070004	495.000	Ft
0870	Guardrail, Curved, Type MGS-8	8070012	32.000	Ft
0880	Guardrail, Backed, Det G2	8070016	1.000	Ea
0890	Guardrail Anch, Bridge, Det T4	8070025	2.000	Ea
0900	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0910	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0920	Guardrail Reflector	8070080	10.000	Ea
0930	Post, Mailbox	8070095	10.000	Ea
0940	_ Misc Field Office	8097043	4.000	Mo
0950	_ Misc Sign, Type B, Perm	8107052	259.000	Sft
0960	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	550.000	Ft
0970	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	150.000	Ft
0980	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0990	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
1000	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,190.000	Ft
1010	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	8,896.000	Ft
1020	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,685.000	Ft
1030	Pavt Mrkg, Sprayable Thermopl, 12 inch, Yellow	8110160	85.000	Ft
1040	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,220.000	Ft
1050	Rem Curing Compound, for Spec Mrkg	8110321	74.000	Sft
1060	Rem Spec Mrkg	8110343	16.000	Sft
1070	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
1080	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
1090	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
1100	Minor Traf Devices	8120170	1.000	LSUM
1110	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,050.000	Ft
1120	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,050.000	Ft
1130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120245	2,420.000	Ft

White, Temp				
1140	Plastic Drum, Fluorescent, Furn	8120252	320.000	Ea
1150	Plastic Drum, Fluorescent, Oper	8120253	320.000	Ea
1160	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	4.000	Ea
1170	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	60.000	Ft
1180	Sign Cover	8120310	5.000	Ea
1190	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1200	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1210	Sign, Type A, Temp, Prismatic, Furn	8120340	254.000	Sft
1220	Sign, Type A, Temp, Prismatic, Oper	8120341	254.000	Sft
1230	Sign, Type B, Temp, Prismatic, Furn	8120350	1,930.000	Sft
1240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,930.000	Sft
1250	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	639.000	Sft
1260	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	639.000	Sft
1270	Traf Regulator Control	8120370	1.000	LSUM
1280	_ Riprap, Plain, Modified	8137011	40.000	Syd
1290	Acer rubrum, 2 inch	8150149	3.000	Ea
1300	Thuja occidentalis Emerald, 4 foot	8153809	8.000	Ea
1310	Topsoil Surface, Furn, 2 inch	8160060	4,115.000	Syd
1320	Water, Sodding/Seeding	8160090	111.000	Unit
1330	_ Sodding, Modified	8167011	4,115.000	Syd
1340	TS Face, Bag	8200458	4.000	Ea
1350	TS Face, Bag, Rem	8200459	4.000	Ea
1360	Monument Box Adjust	8210005	1.000	Ea
1370	_ Misc Monument, Prec Bench Mrk	8217050	2.000	Ea
1380	Gate Box, Adj, Case 1	8230431	4.000	Ea
1390	_ Maintaining Water Sprinkler System	8237050	10.000	Ea
1400	Staking Plan Errors and Extras, One Person	8240020	16.000	Hr
1410	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1420	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr
1430	_ Contractor Staking, Modified	8247051	1.000	LSUM
1440	_ Misc Audio-Video Rte Survey	8507051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 201106 046

Letting Date: November 6, 2020

Contract ID: 63000-209948

Description: Installation of a midblock pedestrian island with staggered crosswalks to include concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on 10 Mile Road at Yeshiva Beth Yehuda School in the city of Oak Park, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209948A	20A1044	N/A	TA 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1027060	10,000.000	Dir
0020	Mobilization, Max \$48,700.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	618.000	Ft
0040	Pavt, Rem	2040050	122.000	Syd
0050	Sidewalk, Rem	2040055	978.000	Syd
0060	Embankment, CIP	2050010	10.000	Cyd
0070	Excavation, Earth	2050016	109.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	44.000	Ea
0090	_ Erosion Control, Filter Sack	2087050	10.000	Ea
0100	Aggregate Base, 4 inch	3020010	1,390.000	Syd
0110	Aggregate Base, 6 inch	3020016	73.000	Syd
0120	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0130	HMA Surface, Rem	5010005	45.000	Syd
0140	Joint, Plane-of-Weakness, W	6020211	30.000	Ft
0150	_ Pavt Repr, with or without Curb, Nonreinf Conc, 7 inch	6027011	77.000	Syd
0160	Lane Tie, Epoxy Anchored	6030030	579.000	Ea
0170	_ Pedestrian Path, Temp	8007001	175.000	Ft
0180	_ Pedestrian Ramp, Temp	8007050	6.000	Ea
0190	_ Curb and Gutter, Conc, Det F4, Modified	8027001	60.000	Ft
0200	_ Curb and Gutter, Conc, Det F4, Modified, Special	8027001	95.000	Ft
0210	Detectable Warning Surface	8030010	394.000	Ft
0220	Curb Ramp Opening, Conc	8030030	613.000	Ft
0230	Sidewalk Ramp, Conc, 6 inch	8030036	9,425.000	Sft
0240	Sidewalk, Conc, 4 inch	8030044	39.000	Sft
0250	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0260	Post, Steel, 3 lb	8100371	118.000	Ft
0270	Sign, Type III, Erect, Salv	8100402	1.000	Ea

0280	Sign, Type III, Rem	8100403	4.000	Ea
0290	Sign, Type IIIB	8100405	138.000	Sft
0300	_ Post, Steel, 3 lb, Modified	8107001	89.000	Ft
0310	_ Post, Flexible, Delineator, RCOC	8107050	4.000	Ea
0320	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	680.000	Ft
0330	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	203.000	Ft
0340	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	289.000	Ft
0350	Recessing Pavt Mrkg, Transv	8110451	203.000	Sft
0360	_ Pavt Mrkg, Polyurea, 24 inch, Crosswalk	8117001	592.000	Ft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0390	Pedestrian Type II Barricade, Temp	8120026	42.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,070.000	Ft
0440	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	244.000	Ft
0450	Plastic Drum, Fluorescent, Furn	8120252	180.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	180.000	Ea
0470	Sign Cover	8120310	5.000	Ea
0480	Sign, Type A, Temp, Prismatic, Furn	8120340	350.000	Sft
0490	Sign, Type A, Temp, Prismatic, Oper	8120341	350.000	Sft
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0520	_ Surface Restoration	8167011	1,070.000	Syd
0530	Conduit, DB, 1, 1 1/4 inch	8190026	175.000	Ft
0540	Conduit, DB, 1, 3 inch	8190029	105.000	Ft
0550	Conduit, DB, 3, 3 inch	8190035	25.000	Ft
0560	Conduit, DB, 3, 4 inch	8190036	5.000	Ft
0570	Hh, Adj	8190244	1.000	Ea
0580	Hh, Round	8190260	5.000	Ea
0590	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
0600	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0610	_ Cable, P.J., 600V, 1, 3/C#14	8197001	120.000	Ft
0620	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	105.000	Ft
0630	_ Conduit, DB, 1, 2 inch	8197001	75.000	Ft
0640	_ Hh, Square, RCOC	8197050	1.000	Ea
0650	_ Luminaire, Roadway	8197050	1.000	Ea
0660	Case Sign, Rem	8200020	2.000	Ea
0670	Controller and Cabinet, Rem	8200030	1.000	Ea
0680	Controller Fdn, Base Mount	8200045	1.000	Ea
0690	Global Positioning System Module	8200050	1.000	Ea
0700	Global Positioning System Module, Rem	8200053	1.000	Ea

0710	Fdn, Rem	8200065	1.000	Ea
0720	Pedestal, Alum	8200100	7.000	Ea
0730	Pedestal, Fdn	8200105	7.000	Ea
0740	Power Co. (Est. Cost to Contractor)	8200116	1,250.000	Dlr
0750	Pushbutton and Sign	8200121	10.000	Ea
0760	Pushbutton, Rem	8200122	4.000	Ea
0770	Serv Disconnect	8200135	2.000	Ea
0780	Serv Disconnect, Rem	8200136	1.000	Ea
0790	Steel Pole, Rem	8200145	1.000	Ea
0800	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0810	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0820	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0830	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
0840	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
0850	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
0860	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0870	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0880	Hemispherical Video Detection Camera	8200444	1.000	Ea
0890	Hemispherical Video Detection System	8200445	1.000	Ea
0900	TS Face, Bag	8200458	10.000	Ea
0910	TS Face, Bag, Rem	8200459	10.000	Ea
0920	Strain Pole, Steel, 6 bolt, 30 foot	8200460	5.000	Ea
0930	Strain Pole Fdn, 6 Bolt	8200470	70.000	Ft
0940	Casing	8200480	53.000	Ft
0950	_ Bracket Arm, 9 foot, RCOC	8207050	2.000	Ea
0960	_ Cabinet, Digital Type, Delivered, RCOC	8207050	2.000	Ea
0970	_ Cabinet, Digital Type, RCOC	8207050	2.000	Ea
0980	_ Case Sign, Two Way, 24 inch by 30 inch, Non- Illuminated, RCOC	8207050	1.000	Ea
0990	_ Controller, Digital Type, Delivered, RCOC	8207050	2.000	Ea
1000	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	4.000	Ea
1010	_ Pushbutton Support Post, RCOC	8207050	6.000	Ea
1020	_ Span Wire, Box, RCOC	8207050	2.000	Ea
1030	_ Span Wire, Box, Rem, RCOC	8207050	1.000	Ea
1040	_ Support Post, Rem, RCOC	8207050	4.000	Ea
1050	_ Tether Wire, Box, RCOC	8207050	2.000	Ea
1060	_ TS, One Way Span Wire Mtd, Three Sect, RCOC	8207050	4.000	Ea
1070	_ TS, Service Rack, Metered, RCOC	8207050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 047

Letting Date: November 6, 2020

Contract ID: 52000-209557

Description: 0.32 mi of hot mix asphalt removal and resurfacing, earth excavation, storm sewers, concrete sidewalk and pavement markings on Ontario Avenue from Allen Street to Center Street, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209557A	20A1047	N/A	STUL 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$50,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0040	Dr Structure, Rem	2030011	3.000	Ea
0050	Sewer, Rem, 24 inch to 48 inch	2030016	264.000	Ft
0060	Curb and Gutter, Rem	2040020	20.000	Ft
0070	Pavt, Rem	2040050	40.000	Syd
0080	Backfill, Swamp	2050001	50.000	Cyd
0090	Ditch Cleanout	2050006	5.000	Sta
0100	Embankment, CIP	2050010	220.000	Cyd
0110	Excavation, Earth	2050016	3,021.000	Cyd
0120	Excavation, Peat	2050017	50.000	Cyd
0130	Excavation, Rock	2050018	25.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0150	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0160	Erosion Control, Sediment Trap	2080034	3.000	Ea
0170	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0180	_ Erosion Control, Check Dam, Temp.	2087001	100.000	Ft
0190	Project Cleanup	2090001	1.000	LSUM
0200	Subbase, CIP	3010002	1,000.000	Cyd
0210	_ Subbase Modified, CIP	3017021	100.000	Cyd
0220	Aggregate Base, 5 inch	3020012	1,526.000	Syd
0230	Aggregate Base, 8 inch	3020020	4,950.000	Syd
0240	Approach, CI II, 4 inch	3070026	156.000	Syd
0250	Shoulder, CI II	3070121	28.000	Ton
0260	_ Geogrid Reinforcement	3087011	100.000	Syd
0270	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea

0280	Culv End Sect, Conc, 48 inch	4010055	1.000	Ea
0290	Culv, CI E, Conc, 18 inch	4010575	152.000	Ft
0300	Culv, CI F, CSP, 12 inch	4010675	60.000	Ft
0310	Sewer, CI E, 12 inch, Tr Det B	4020600	407.000	Ft
0320	Sewer, CI E, 18 inch, Tr Det B	4020602	216.000	Ft
0330	Sewer, CI E, 24 inch, Tr Det B	4020603	981.000	Ft
0340	Sewer, CI E, 48 inch, Tr Det B	4020607	313.000	Ft
0350	Trench Undercut and Backfill	4021260	50.000	Cyd
0360	Video Taping Sewer and Culv Pipe	4021275	1,120.000	Ft
0370	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0380	Dr Structure Cover, Type B	4030010	6.000	Ea
0390	Dr Structure Cover, Type E	4030035	3.000	Ea
0400	Dr Structure Cover, Type G	4030040	3.000	Ea
0410	Dr Structure Cover, Type J	4030045	12.000	Ea
0420	Dr Structure, 24 inch dia	4030200	9.000	Ea
0430	Dr Structure, 48 inch dia	4030210	8.000	Ea
0440	Dr Structure, 96 inch dia	4030234	3.000	Ea
0450	_ Dr Structure Cover, Type __, Modified	4037050	6.000	Ea
0460	Underdrain, Subgrade, 6 inch	4040073	3,384.000	Ft
0470	HMA Surface, Rem	5010005	6,514.000	Syd
0480	HMA, 4E3	5010051	543.000	Ton
0490	HMA, 5E3	5010057	526.000	Ton
0500	HMA Approach	5010061	230.000	Ton
0510	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	30.000	Syd
0520	Conc, Grade S2	7060011	6.000	Cyd
0530	Reinforcement, Steel, Culv and Headwall	7060091	210.000	Lb
0540	Curb and Gutter, Conc, Det B2	8020016	2,277.000	Ft
0550	_ Spillway, HMA	8027010	300.000	Sft
0560	Detectable Warning Surface	8030010	35.000	Ft
0570	Curb Ramp Opening, Conc	8030030	160.000	Ft
0580	Sidewalk Ramp, Conc, 6 inch	8030036	675.000	Sft
0590	Curb Sloped, HMA	8050010	875.000	Ft
0600	Post, Mailbox	8070095	4.000	Ea
0610	Post, Steel, 3 lb	8100371	180.000	Ft
0620	Sign, Type III, Rem	8100403	12.000	Ea
0630	Sign, Type IIIA	8100404	15.000	Sft
0640	Sign, Type IIIB	8100405	44.000	Sft
0650	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,675.000	Ft
0660	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	3,350.000	Ft
0670	Pavt Mrkg, Thermopl, 18 inch, Stop Bar	8110217	30.000	Ft
0680	Barricade, Type III, High Intensity, Lighted, Furn	8120022	13.000	Ea
0690	Barricade, Type III, High Intensity, Lighted, Oper	8120023	13.000	Ea
0700	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0710	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0720	Minor Traf Devices	8120170	1.000	LSUM

0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	135.000	Ft
0740	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0750	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	Riprap, Plain	8130010	200.000	Syd
0800	Sodding	8160055	50.000	Syd
0810	_ Slope Restoration, Modified	8167011	1,500.000	Syd
0820	_ Fire Hydrant, Modified	8237050	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 201106 048

Letting Date: November 6, 2020

Contract ID: 48042-203834

Description: 6.06 mi of hot mix asphalt overlay, aggregate shoulders, guardrail and pavement markings on M-28 from west of County Road 393 to the Luce/Chippewa county line, Luce County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203834A	20A1151	N/A	NH 17022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$144,900.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	675.000	Ft
0030	Excavation, Earth	2050016	526.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0050	Erosion Control, Silt Fence	2080036	630.000	Ft
0060	Subbase, CIP	3010002	444.000	Cyd
0070	Aggregate Base	3020001	219.000	Ton
0080	Approach, CI II	3070021	468.000	Ton
0090	Shoulder, CI II	3070121	1,683.000	Ton
0100	Cold Milling HMA Surface	5010002	4,270.000	Syd
0110	Bump Grinding	5010004	100.000	Syd
0120	HMA Surface, Rem	5010005	176.000	Syd
0130	HMA Quality Initiative	5010007	26,698.000	Dlr
0140	Longitudinal Joint Density Quality Initiative	5010018	112,399.000	Dlr
0150	HMA Approach	5010061	180.000	Ton
0160	HMA, LVSP	5010703	13,169.000	Ton
0170	_ Hh, Clean	8007050	1.000	Ea
0180	_ Pavt Sensor, Invasive Condition, Replacement	8007050	1.000	Ea
0190	_ Subsurface Temperature Probe Replacement	8007050	1.000	Ea
0200	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0210	Delineator Reflector, White	8100134	70.000	Ea
0220	Post, Rigid, Delineator	8100361	35.000	Ea
0230	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	4.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,600.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	24,906.000	Ft
0260	Pavt Mrkg, Waterborne, 6 inch, White	8110233	64,258.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	24,906.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	64,258.000	Ft
0290	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0300	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0310	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0320	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	3,600.000	Ft
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, Fluorescent, Furn	8120252	330.000	Ea
0370	Plastic Drum, Fluorescent, Oper	8120253	330.000	Ea
0380	Sign Cover	8120310	5.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	1,270.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	1,270.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,950.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	100.000	Ft
0440	Slope Restoration, Type B	8160101	1,000.000	Syd
0450	Monument Box Adjust	8210005	29.000	Ea
0460	Monument Preservation	8210010	15.000	Ea
0470	Protect Corners	8210020	14.000	Ea
0480	Centerline Corrugations, Milled, HMA	8220013	32,079.000	Ft
0490	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	62,800.000	Ft
0500	Contractor Staking	8240001	1.000	LSUM
0510	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0520	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0530	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 201106 049

Letting Date: November 6, 2020

Contract ID: 12021-203666

Description: 2.19 mi of hot mix asphalt cold milling and overlay, sanitary sewer repairs, sidewalk ramp upgrades and pavement markings on US-12 from Western Avenue to Michigan Avenue in the city of Coldwater, Branch County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203666A	20A1133	N/A	NH 12021
205059A	20A1134	N/A	ST 12022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$119,300.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	6.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	16.000	Ft
0040	Curb and Gutter, Rem	2040020	74.000	Ft
0050	Pavt, Rem	2040050	187.000	Syd
0060	Sidewalk, Rem	2040055	48.000	Syd
0070	Embankment, CIP	2050010	3.000	Cyd
0080	Excavation, Earth	2050016	12.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	90.000	Ea
0110	Erosion Control, Inlet Protection, Sediment Trap	2080024	5.000	Ea
0120	Project Cleanup	2090001	1.000	LSUM
0130	Subbase, CIP	3010002	6.000	Cyd
0140	Aggregate Base, 3 inch	3020008	47.000	Syd
0150	Aggregate Base, 6 inch	3020016	160.000	Syd
0160	_ Sanitary Sewer, PVC SDR 26, 8 inch, Tr Det B	4027001	16.000	Ft
0170	Dr Structure Cover, Adj, Case 1, Modified	4030004	70.000	Ea
0180	_ Dr Structure Cover, Type Q, Modified	4037050	6.000	Ea
0190	_ Drop Sanitary Structure, 48 inch dia	4037050	1.000	Ea
0200	_ Sanitary Structure, 48 inch dia	4037050	5.000	Ea
0210	Cold Milling HMA Surface	5010002	80,424.000	Syd
0220	HMA Surface, Rem	5010005	144.000	Syd
0230	HMA Quality Initiative	5010007	14,906.000	Dlr
0240	Longitudinal Joint Density Quality Initiative	5010018	6,705.000	Dlr
0250	Hand Patching	5010025	74.000	Ton
0260	HMA, 5E10	5010058	6,730.000	Ton

0270	HMA Approach	5010061	446.000	Ton
0280	HMA, LVSP	5010703	203.000	Ton
0290	Conc Base Cse, Nonreinf, 7 inch	6020017	27.000	Syd
0300	Curb and Gutter, Conc, Det F2	8020036	40.000	Ft
0310	Curb and Gutter, Conc, Det F6	8020040	3.000	Ft
0320	Detectable Warning Surface	8030010	29.000	Ft
0330	Curb Ramp Opening, Conc	8030030	45.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	221.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	197.000	Sft
0360	Delineator Reflector, White	8100134	12.000	Ea
0370	Post Hole Through Conc for Steel Post	8100340	11.000	Ea
0380	Post, Rigid, Delineator	8100361	12.000	Ea
0390	Post, Steel, 3 lb	8100371	208.000	Ft
0400	Sign, Type III, Rem	8100403	2.000	Ea
0410	Sign, Type IIIA	8100404	25.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,095.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	3,406.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	658.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0470	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,500.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	26,300.000	Ft
0500	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,000.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,500.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	26,300.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	9,000.000	Ft
0540	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,520.000	Ft
0550	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0560	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	842.000	Ft
0570	Recessing Pavt Mrkg, Transv	8110451	5,270.000	Sft
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0600	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0610	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0620	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Plastic Drum, Fluorescent, Furn	8120252	295.000	Ea
0650	Plastic Drum, Fluorescent, Oper	8120253	295.000	Ea
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	1,210.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	5.000	Ea

0680	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	3.000	Ea
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	658.000	Ft
0700	Sign Cover	8120310	10.000	Ea
0710	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0720	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0730	Sign, Type B, Temp, Prismatic, Furn	8120350	1,656.000	Sft
0740	Sign, Type B, Temp, Prismatic, Oper	8120351	1,656.000	Sft
0750	Traf Regulator Control	8120370	1.000	LSUM
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	3,475.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	16,800.000	Ft
0780	Slope Restoration, Type A	8160100	49.000	Syd
0790	Pushbutton and Sign, Salv	8200126	2.000	Ea
0800	Traf Loop	8200170	6.000	Ea
0810	Loop Detector, Rem	8200173	6.000	Ea
0820	Wireless Vehicle Sensor Node, Salv	8200427	5.000	Ea
0830	TS Face, Bag	8200458	50.000	Ea
0840	TS Face, Bag, Rem	8200459	50.000	Ea
0850	Gate Box, Adj, Case 1	8230431	8.000	Ea
0860	Contractor Staking, Road Only	8240007	1.000	LSUM
0870	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0880	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0890	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr



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AASHTOWare Project™ Version 4.2.2 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 201106 050**Letting Date:** November 6, 2020**Contract ID:** 22023-203894

Description: 7.99 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, shoulder work, drainage, corrugations, approach work and pavement markings on US-2 from Michigan Avenue to west of Fifth Avenue in the cities of Norway and Iron Mountain, Dickinson County. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203894A	N/A	N/A	M 22023
208474A	20A1118	N/A	NH 22022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$327,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	234.000	Ft
0030	Sidewalk, Rem	2040055	15.000	Syd
0040	_ Berm Grading	2057002	95.000	Sta
0050	Approach, CI II	3070021	42.000	Ton
0060	Shoulder, CI II	3070121	2,129.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0080	Dr Structure Cover, Type K	4030050	1.000	Ea
0090	Dr Structure, Adj, Add Depth	4030280	30.000	Ft
0100	Cold Milling HMA Surface	5010002	127,760.000	Syd
0110	HMA Quality Initiative	5010007	59,124.000	Dlr
0120	Joint and Crack, Cleanout	5010015	3,943.000	Ft
0130	Longitudinal Joint Density Quality Initiative	5010018	210,661.000	Dlr
0140	Hand Patching	5010025	15.000	Ton
0150	HMA, 5E3	5010057	21,065.000	Ton
0160	HMA Approach	5010061	2,420.000	Ton
0170	HMA, LVSP	5010703	6,062.000	Ton
0180	_ Asphalt Repair Mastic	5027001	2,160.000	Ft
0190	Resealing Trans Joints with Hot-Poured Rubber	6030100	1,020.000	Ft
0200	Resealing Longit Joints with Hot-Poured Rubber	6030101	640.000	Ft
0210	Curb, Conc, Det E2	8020002	234.000	Ft
0220	Sidewalk, Conc, 4 inch	8030044	128.000	Sft
0230	Curb Sloped, HMA	8050010	935.000	Ft
0240	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	406.000	Ft
0250	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	259.000	Ft
0260	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	411.000	Ft

0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,509.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	87,175.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, White	8110233	69,002.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	5,798.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	87,175.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	69,002.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	5,798.000	Ft
0340	Witness, Log, \$1,000.00	8110350	2,000.000	Dlr
0350	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0360	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
0370	Pavt Mrkg, Polyurea, School	8110414	4.000	Ea
0380	Pavt Mrkg, Wet Retrflc Waterborne, 4 inch, White	8110480	20,509.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0410	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Plastic Drum, Fluorescent, Furn	8120252	450.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	450.000	Ea
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0480	Sign Cover	8120310	15.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	1,900.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	1,900.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	6,250.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	10,550.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,050.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	2,800.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	150.000	Ft
0570	Slope Restoration, Type A	8160100	2,290.000	Syd
0580	TS Face, Bag	8200458	5.000	Ea
0590	TS Face, Bag, Rem	8200459	5.000	Ea
0600	Monument Box Adjust	8210005	10.000	Ea
0610	Protect Corners	8210020	10.000	Ea
0620	Centerline Corrugations, Milled, HMA	8220013	605.000	Ft
0630	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	34,114.000	Ft
0640	_ Railroad Protection	8507060	6,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 201106 051

Letting Date: November 6, 2020

Contract ID: 11056-204893

Description: 6.52 mi of chip seal and fog seal, hot mix asphalt cold milling and resurfacing and and pavement markings on US-31 from the Michigan/Indiana state line northerly to US-12, Berrien County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204893A	20A1096	N/A	NH 11056

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$83,900.00	1500001	1.000	LSUM
0020	Cold Milling HMA Surface	5010002	3,706.000	Syd
0030	HMA Quality Initiative	5010007	920.000	Dlr
0040	Hand Patching	5010025	408.000	Ton
0050	HMA Approach	5010061	52.000	Ton
0060	Overband Crack Fill, Lane	5020003	14.000	Lnmi
0070	Overband Crack Fill, Ramp	5020004	2.000	Lnmi
0080	_ Asphalt Repair Mastic	5027001	35,774.000	Ft
0090	Chip Seal, Single, Warranty	5050040	170,174.000	Syd
0100	_ Seal, Fog	5057011	170,174.000	Syd
0110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	45.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	49,180.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	40,600.000	Ft
0170	Pavt Mrkg, Waterborne, 12 inch, White	8110237	2,300.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	49,180.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	40,600.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	2,300.000	Ft
0210	Rem Spec Mrkg	8110343	224.000	Sft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0300	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	740.000	Ea
0310	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	370.000	Ea
0320	Sign Cover	8120310	20.000	Ea
0330	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0340	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0350	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0360	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	1,406.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	1,406.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	16.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	16.000	Sft
0410	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	49,180.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	40,600.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	2,300.000	Ft
0440	Contractor Staking, Road Only	8240007	1.000	LSUM
0450	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0460	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0470	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 201106 052

Letting Date: November 6, 2020

Contract ID: 34043-202595

Description: 8.91 mi of transverse and longitudinal concrete pavement repairs and hot mix asphalt shoulder resurfacing on I-96 from the Kent/Ionia County line east to Bliss Road and from M-11 (28th Street) east to Thornapple River Drive, Ionia and Kent Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202595A	20A1131	N/A	IM 34043
208782A	20A1117	N/A	IM 41024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$273,400.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0030	Shoulder, CI II	3070121	2,024.000	Ton
0040	Dr Marker Post	4011109	709.000	Ea
0050	Underdrain Outlet, 4 inch	4040091	1,000.000	Ft
0060	Underdrain Outlet, 6 inch	4040093	300.000	Ft
0070	Underdrain, Outlet Ending, 4 inch	4040111	50.000	Ea
0080	Underdrain, Outlet Ending, 6 inch	4040113	15.000	Ea
0090	_ Underdrain Outlet Cleanout	4047050	644.000	Ea
0100	Pavt, Cleaning	5010001	1.000	LSUM
0110	Cold Milling HMA Surface	5010002	73,953.000	Syd
0120	HMA Quality Initiative	5010007	13,862.000	Dlr
0130	Longitudinal Joint Density Quality Initiative	5010018	3,620.000	Dlr
0140	Pavt Joint and Crack Repr, Det 7	5010020	300.000	Ft
0150	Hand Patching	5010025	15.000	Ton
0160	HMA, 5E3	5010057	6,624.000	Ton
0170	HMA Approach	5010061	292.000	Ton
0180	_ Asphalt Repair Mastic	5027001	6,500.000	Ft
0190	Joint, Contraction, Cp	6020200	1,221.000	Ft
0200	Joint, Expansion, E2	6020207	48.000	Ft
0210	Cement	6030005	78.000	Ton
0220	Joint, Contraction, Crg	6030020	8,793.000	Ft
0230	Joint, Expansion, Erg	6030021	36.000	Ft
0240	Lane Tie, Epoxy Anchored	6030030	1,345.000	Ea
0250	Non-Chloride Accelerator	6030035	3,350.000	Gal
0260	Pavt Repr, Nonreinf Conc, 10 inch	6030048	4,064.000	Syd

0270	Pavt Repr, Nonreinf Conc, 10 1/2 inch	6030049	179.000	Syd
0280	Pavt Repr, Nonreinf Conc, 12 inch	6030052	406.000	Syd
0290	Pavt Repr, Rem	6030080	4,648.000	Syd
0300	Saw Cut, Intermediate	6030090	3,067.000	Ft
0310	Resealing Trans Joints with Hot-Poured Rubber	6030100	117,780.000	Ft
0320	Resealing Longit Joints with Hot-Poured Rubber	6030101	179,593.000	Ft
0330	_ Joint, Tied, 2.5 foot, Special	6037001	5,029.000	Ft
0340	_ Protective Conc Pavt Joint Treatment	6037001	99,014.000	Ft
0350	_ Pavt Repr, 2.5 foot, Nonreinf, 10 1/2 inch, Special	6037011	4.000	Syd
0360	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch, Special	6037011	1,331.000	Syd
0370	_ Pavt Repr, 2.5 foot, Nonreinf, 12 inch, Special	6037011	67.000	Syd
0380	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	1,401.000	Syd
0390	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	2.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0430	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	137,028.000	Ft
0440	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	107,135.000	Ft
0450	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	11,336.000	Ft
0460	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	90.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	90.000	Ea
0490	Lighted Arrow, Type C, Furn	8120140	24.000	Ea
0500	Lighted Arrow, Type C, Oper	8120141	24.000	Ea
0510	Ltg for Night Work	8120160	1.000	LSUM
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Plastic Drum, Fluorescent, Furn	8120252	4,200.000	Ea
0540	Plastic Drum, Fluorescent, Oper	8120253	4,200.000	Ea
0550	Sign Cover	8120310	26.000	Ea
0560	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0580	Sign, Type A, Temp, Prismatic, Furn	8120340	70.000	Sft
0590	Sign, Type A, Temp, Prismatic, Oper	8120341	70.000	Sft
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	5,152.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	5,152.000	Sft
0620	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0630	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0650	Wireless Vehicle Sensor Node	8200425	6.000	Ea
0660	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0670	TS Face, Bag	8200458	4.000	Ea

0680	TS Face, Bag, Rem	8200459	4.000	Ea
0690	Shoulder Corrugations, Ground or Cut, Conc	8220000	38.000	Ft
0700	Shoulder Corrugations, Ground or Cut, HMA	8220001	124,456.000	Ft
0710	Contractor Staking, Road Only	8240007	1.000	LSUM
0720	Staking Plan Errors and Extras, One Person	8240020	22.000	Hr
0730	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
0740	Staking Plan Errors and Extras, Three Person	8240022	13.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 201106 053

Letting Date: November 6, 2020

Contract ID: 08000-209765

Description: 0.77 mi of hot mix asphalt cold milling, crushing, shaping and resurfacing and pavement markings on East Woodlawn Avenue from North Michigan Avenue to the east city limits of Hastings in the city of Hastings, Barry County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209765A	20A1019	N/A	STUL 08000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$28,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	16.000	Ft
0030	Excavation, Earth	2050016	20.000	Cyd
0040	HMA Base Crushing and Shaping	3050002	5,295.000	Syd
0050	Approach, CI I	3070001	30.000	Ton
0060	Approach, CI II	3070021	15.000	Ton
0070	Shoulder, CI II	3070121	200.000	Ton
0080	Dr Structure Cover, Adj, Case 1	4030005	11.000	Ea
0090	Dr Structure, Temp Lowering	4030390	11.000	Ea
0100	Cold Milling HMA Surface	5010002	12,205.000	Syd
0110	HMA Surface, Rem	5010005	100.000	Syd
0120	Hand Patching	5010025	10.000	Ton
0130	HMA, 4E1	5010050	2,930.000	Ton
0140	HMA Approach	5010061	110.000	Ton
0150	Curb and Gutter, Conc, Det F4	8020038	10.000	Ft
0160	Detectable Warning Surface	8030010	5.000	Ft
0170	Curb Ramp Opening, Conc	8030030	6.000	Ft
0180	Sidewalk Ramp, Conc, 6 inch	8030036	60.000	Sft
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,650.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,620.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0230	Pedestrian Type II Barricade, Temp	8120026	1.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	610.000	Ft
0280	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0300	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	610.000	Ft
0310	Sign Cover	8120310	8.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	396.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	396.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	_ Slope Restoration	8167011	20.000	Syd
0360	Monument Box	8210001	2.000	Ea
0370	Monument Preservation	8210010	2.000	Ea
0380	Gate Box, Adj, Temp, Case 1	8230391	5.000	Ea
0390	Gate Box, Adj, Case 1	8230431	5.000	Ea

**Schedule of Pay Items**

Report v1

Letting Call: 201106 211**Letting Date:** November 6, 2020**Contract ID:** 77041-204777

Description: Bridge rehabilitation to include shallow overlay, railing replacement, expansion joint replacement, substructure patching and approach work on M-136 over Black River, St. Clair County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204777A	20A0999	N/A	ST 77041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$92,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	164.000	Ft
0030	Guardrail, Rem	2040035	300.000	Ft
0040	Pavt, Rem	2040050	122.000	Syd
0050	Embankment, CIP	2050010	14.000	Cyd
0060	Excavation, Earth	2050016	52.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0080	Erosion Control, Silt Fence	2080036	240.000	Ft
0090	Aggregate Base, 6 inch	3020016	294.000	Syd
0100	_ Shouidler, CI II, Modified	3077031	10.000	Ton
0110	Dr Structure Cover, Adj, Case 1, Modified	4030004	4.000	Ea
0120	HMA Surface, Rem	5010005	238.000	Syd
0130	Pavt for Butt Joints, Rem	5010008	482.000	Syd
0140	HMA Approach	5010061	43.000	Ton
0150	Joint, Expansion, E3	6020208	92.000	Ft
0160	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	233.000	Syd
0170	Curb and Gutter, Bridge Approach	8020010	184.000	Ft
0180	Guardrail, Type B	8070000	300.000	Ft
0190	Guardrail Anch, Bridge, Det M3	8070132	4.000	Ea
0200	Post, Steel, 3 lb	8100371	56.000	Ft
0210	Sign, Type III, Rem	8100403	4.000	Ea
0220	Sign, Type IIIB	8100405	16.000	Sft
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,500.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,400.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,500.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,400.000	Ft
0270	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	500.000	Ft

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0300	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	2.000	Ea
0310	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	2.000	Ea
0320	Conc Barrier, Temp, Adj	8120080	500.000	Ft
0330	Conc Barrier, Temp, Furn	8120081	500.000	Ft
0340	Conc Barrier, Temp, Oper	8120082	500.000	Ft
0350	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0360	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Mobile Attenuator	8120180	2.000	Ea
0410	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,050.000	Ft
0420	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0430	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0450	PTS System, Temp, Furn	8120270	1.000	Ea
0460	PTS System, Temp, Oper	8120271	1.000	Ea
0470	Sign Cover	8120310	2.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0500	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0510	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	485.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	485.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	1,200.000	Ft
0560	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
0570	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
0580	Contractor Staking	8240001	1.000	LSUM
0590	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0600	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0610	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

Section: 2

0620	HMA Patch, Rem	5010006	31.000	Syd
0630	Expansion Joint Device	7060050	98.000	Ft
0640	Reinforcement, Steel, Epoxy Coated	7060092	9,525.000	Lb
0650	_ Expansive Waterstop	7067001	468.000	Ft
0660	_ Conc, Grade DM	7067021	8.000	Cyd

0670	Conc Surface Coating, Warranty B01 of 77041	7100009	1.000	LSUM
0680	_ Bridge Railing, Aesthetic, Type 6, Det 2, Modified, High Performance	7117001	468.000	Ft
0690	Scarifying	7120001	1,299.000	Syd
0700	Hand Chipping, Deep	7120004	214.000	Syd
0710	Hand Chipping, Other Than Deck	7120007	16.000	Cft
0720	Patch, Forming	7120017	48.000	Sft
0730	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	1,376.000	Ea
0735	Structures, Rehabilitation, Rem Portions (B01 of 77041)	7120070	1.000	LSUM
0740	Deck Joint, Rem	7120071	98.000	Ft
0750	Hydrodemolition, First Pass	7120076	1,299.000	Syd
0760	Patching Conc, C-L	7120112	2.000	Cyd
0770	Embedded Galvanic Anode	7120120	24.000	Ea
0780	_ Placing and Finishing Polyester Polymer Conc Ovly	7127011	1,299.000	Syd
0790	_ Polyester Polymer Conc Ovly	7127021	88.000	Cyd



Schedule of Pay Items

Report v1

Letting Call: 201106 212

Letting Date: November 6, 2020

Contract ID: 51021-128712

Description: Bridge reconstruction including 60 inch by 49 inch prestressed concrete bulb tee beams, piles, cofferdams, riprap, concrete curb and gutter, earthwork, drainage, water main and approach work on M-55 over Manistee River, Manistee County. This project includes a 5 year materials and workmanship pavement warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128712A	20A1013	N/A	ST 51021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dir
0020	Mobilization, Max \$806,200.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.240	Acre
0040	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	721.000	Ft
0060	Curb and Gutter, Rem	2040020	257.000	Ft
0070	Guardrail, Rem	2040035	1,806.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0090	Pavt, Rem	2040050	254.000	Syd
0100	Backfill, Swamp	2050001	2,223.000	Cyd
0110	Embankment, CIP	2050010	2,795.000	Cyd
0120	Excavation, Earth	2050016	11,630.000	Cyd
0130	Excavation, Peat	2050017	2,807.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0150	_ Embankment, CIP, Special	2057021	3,310.000	Cyd
0160	_ Fill, Lightweight, EPS Block	2067021	3,536.000	Cyd
0170	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0180	Erosion Control, Silt Fence	2080036	5,972.000	Ft
0190	Erosion Control, Turbidity Curtain, Shallow	2080044	2,696.000	Ft
0200	Subbase, CIP	3010002	9,310.000	Cyd
0210	Aggregate Base, 6 inch	3020016	8,021.000	Syd
0220	Aggregate Base, 9 inch	3020022	32.000	Syd
0230	Maintenance Gravel, LM	3060021	60.000	Cyd
0240	Approach, CI I, 6 inch	3070008	77.000	Syd
0250	_ Shoulder, CI II, 6.5 inch	3077011	962.000	Syd
0260	Culv, Downspout, 12 inch	4010795	192.000	Ft

0270	Dr Marker Post	4011109	16.000	Ea
0280	Outfall Label	4011115	8.000	Ea
0290	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0310	Underdrain, Fdn, 4 inch	4040031	540.000	Ft
0320	Underdrain Outlet, 4 inch	4040091	80.000	Ft
0330	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0340	Bump Grinding	5010004	125.000	Syd
0350	HMA Surface, Rem	5010005	7,746.000	Syd
0360	HMA Quality Initiative	5010007	5,440.000	Dlr
0370	Longitudinal Joint Density Quality Initiative	5010018	14,934.000	Dlr
0380	HMA, 3E1	5010044	1,136.000	Ton
0390	HMA, 4E1	5010050	758.000	Ton
0400	HMA, 5E1	5010056	569.000	Ton
0410	HMA Approach	5010061	257.000	Ton
0420	Joint, Expansion, E3	6020208	80.000	Ft
0430	Conc Quality Initiative	6020401	2,236.000	Dlr
0440	_ Conc Base Cse, Reinf, Modified	6027021	534.000	Cyd
0450	_ High Performance Biaxial Geogrid	7007011	2,010.000	Syd
0460	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	178.000	Syd
0470	Conc, Grade S2	7060011	10.000	Cyd
0480	Reinforcement, Steel, Culv and Headwall	7060091	534.000	Lb
0490	Liner, PVC, 30 mil	7060209	4,513.000	Syd
0500	Structural Steel, Mixed, Erect	7070050	21,323.000	Lb
0510	Structural Steel, Mixed, Furn and Fab	7070051	21,323.000	Lb
0520	_ Sanitary Force Main, DI, 8 inch, Tr Det F	8007001	160.000	Ft
0530	_ Sanitary Force Main, HDPE, 8 inch, Directional Bore	8007001	580.000	Ft
0540	_ Sanitary Force Main, Air Release Structure with Cleanout Assembly, 96 inch dia	8007050	2.000	Ea
0550	_ Sanitary Structure, Rem	8007050	2.000	Ea
0560	Curb and Gutter, Bridge Approach	8020010	251.000	Ft
0570	Curb and Gutter, Conc, Det B2	8020016	174.000	Ft
0580	Driveway Opening, Conc, Det M	8020050	130.000	Ft
0590	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0600	Downspout Header, Conc	8020070	8.000	Ea
0610	Spillway, Conc	8020075	6.000	Ft
0620	Guardrail, Type MGS-8	8070004	1,363.000	Ft
0630	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0640	Guardrail Reflector	8070080	64.000	Ea
0650	Post, Mailbox	8070095	1.000	Ea
0660	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0670	Delineator Reflector, Green	8100133	6.000	Ea
0680	Fdn, Wood Support, Rem	8100280	2.000	Ea
0690	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
0700	Delineator, Rem	8100349	6.000	Ea

0710	Post, Rigid, Delineator	8100361	6.000	Ea
0720	Post, Steel, 3 lb	8100371	256.000	Ft
0730	Sign, Type III, Rem	8100403	19.000	Ea
0740	Sign, Type IIIA	8100404	24.000	Sft
0750	Sign, Type IIIB	8100405	55.000	Sft
0760	Reflective Panel for Permanent Sign Support, 6 foot	8100616	15.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	33.000	Ft
0780	Pavt Mrkg, Waterborne, 4 inch, White	8110231	202.000	Ft
0790	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,449.000	Ft
0800	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,401.000	Ft
0810	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	202.000	Ft
0820	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,449.000	Ft
0830	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,401.000	Ft
0840	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	506.000	Ft
0850	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,010.000	Ft
0860	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	28.000	Ft
0870	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	34.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	34.000	Ea
0890	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0900	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0910	Conc Barrier, Temp, Furn	8120081	200.000	Ft
0920	Conc Barrier, Temp, Oper	8120082	200.000	Ft
0930	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0940	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0950	Minor Traf Devices	8120170	1.000	LSUM
0960	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	200.000	Ft
0970	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	500.000	Ft
0980	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0990	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
1000	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	150.000	Ft
1010	Sign Cover	8120310	20.000	Ea
1020	Sign Cover, Type 1	8120320	2.000	Ea
1030	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1040	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1050	Sign, Type A, Temp, Prismatic, Furn	8120340	108.000	Sft
1060	Sign, Type A, Temp, Prismatic, Oper	8120341	108.000	Sft
1070	Sign, Type B, Temp, Prismatic, Furn	8120350	1,104.000	Sft
1080	Sign, Type B, Temp, Prismatic, Oper	8120351	1,104.000	Sft
1090	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	206.000	Sft
1100	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	206.000	Sft
1110	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	500.000	Ft
1120	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch,	8122002	1,000.000	Ft

	Yellow, Temp			
1130	Temp Rumble Strips (Orange)	8122030	3,600.000	Ft
1140	Riprap, Plain	8130010	43.000	Syd
1150	_ Slope Restoration, Bonded Fiber Matrix	8167011	10,962.000	Syd
1160	_ Electrical and Metering Equipment, Relocate	8197051	1.000	LSUM
1170	Centerline Corrugations, Milled, HMA	8220013	612.000	Ft
1180	Gate Valve, 12 inch	8230064	2.000	Ea
1190	Gate Well, Rem	8230076	1.000	Ea
1200	Water Main, DI, 12 inch, Tr Det F	8230165	167.000	Ft
1210	Gate Well, 60 inch dia	8230360	2.000	Ea
1220	Gate Box, Adj, Case 1	8230431	1.000	Ea
1230	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	580.000	Ft
1240	Contractor Staking	8240001	1.000	LSUM
1250	Staking Plan Errors and Extras, One Person	8240020	66.000	Hr
1260	Staking Plan Errors and Extras, Two Person	8240021	27.000	Hr
1270	Staking Plan Errors and Extras, Three Person	8240022	40.000	Hr
1280	Flowable Fill, Non-Structural	8260148	8.000	Cyd

Section: 2

1290	Structures, Rem Portions (B01 of 51021)	2040061	1.000	LSUM
1300	Backfill, Structure, CIP	2060002	3,670.000	Cyd
1310	Excavation, Fdn	2060010	7,860.000	Cyd
1320	Erosion Control, Filter Bag	2080014	6.000	Ea
1330	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
1340	Erosion Control, Turbidity Curtain, Deep	2080042	160.000	Ft
1350	Aggregate Base, LM	3020002	602.000	Cyd
1360	Cofferdams (B01 of 51021)	7040007	1.000	LSUM
1370	_ Cofferdam, Left in Place, Special (B01 of 51021)	7047051	1.000	LSUM
1380	Pile Driving Equipment, Furn (B01 of 51021)	7050002	1.000	LSUM
1390	Pile, CIP Conc, Furn and Driven, 16 inch	7050026	15,535.000	Ft
1400	Pile, Steel, Splice	7050050	244.000	Ea
1410	_ Test Pile, Dynamic Analysis	7057050	8.000	Ea
1420	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	4.000	Ea
1430	Bridge Ltg, Furn and Rem (B01 of 51021)	7060001	1.000	LSUM
1440	Bridge Ltg, Oper and Maintain	7060002	743.000	Cyd
1450	Conc, Grade T	7060013	1,132.000	Cyd
1460	Expansion Joint Device	7060050	91.000	Ft
1470	False Decking	7060060	35,160.000	Sft
1480	Reinforcement, Steel, Epoxy Coated	7060092	301,837.000	Lb
1490	Substructure Conc, High Performance	7060101	1,259.000	Cyd
1500	Superstructure Conc, Form, Finish, and Cure (B01 of 51021)	7060111	1.000	LSUM
1510	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 51021)	7060112	1.000	LSUM
1520	Superstructure Conc, High Performance	7060116	121.000	Cyd
1530	Superstructure Conc, Night Casting, High	7060117	743.000	Cyd

Performance

1540	Bearing, Elastomeric, 3 1/2 inch	7070022	19,536.000	Sin
1550	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	5,680.000	Lb
1560	Steel Diaphragm, Prest Conc Beam, Erect	7070054	5,680.000	Lb
1570	Prest Conc Bulb-Tee Beam, Furn, 60 inch by 49 inch	7080130	3,357.000	Ft
1580	Prest Conc Bulb-Tee Beam, Erect, 60 inch by 49 inch	7080131	3,357.000	Ft
1590	Joint Waterproofing	7100001	280.000	Sft
1600	Joint Waterproofing, Expansion	7100003	195.000	Sft
1610	Conc Surface Coating, Warranty (B01 of 51021)	7100009	1.000	LSUM
1620	Bridge Railing, 4 Tube	7110010	900.000	Ft
1630	_ Riprap, Fieldstone	8137031	1,449.000	Ton



Schedule of Pay Items

Report v1

Letting Call: 201106 213

Letting Date: November 6, 2020

Contract ID: 10012-205226

Description: 0.66 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, drainage and pavement markings on M-22/M-115 from Bellows Street (7th Street) to east of Parkview Lane in the city of Frankfort, Benzie County. This project includes a 5 year materials and workmanship warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205226A	20A0995	N/A	ST 10012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$136,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	6.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	291.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	32.000	Ft
0050	Pavt, Rem	2040050	2,846.000	Syd
0060	Sidewalk, Rem	2040055	25.000	Syd
0070	Embankment, CIP	2050010	512.000	Cyd
0080	Excavation, Earth	2050016	792.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	50.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	8.000	Ea
0140	Erosion Control, Silt Fence	2080036	400.000	Ft
0150	Subbase, CIP	3010002	252.000	Cyd
0160	Aggregate Base, 6 inch	3020016	16,644.000	Syd
0170	Approach, CI I	3070001	1,900.000	Ton
0180	Shoulder, CI II, 3 inch	3070125	170.000	Syd
0190	Sewer, CI A, 12 inch, Tr Det B	4020033	1,216.000	Ft
0200	Sewer, CI A, 15 inch, Tr Det B	4020034	61.000	Ft
0210	Sewer, CI A, 24 inch, Tr Det B	4020036	32.000	Ft
0220	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
0230	Video Taping Sewer and Culv Pipe	4021275	1,385.000	Ft
0240	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0250	Dr Structure Cover, Adj, Case 2	4030006	23.000	Ea
0260	Dr Structure Cover, Type B	4030010	10.000	Ea
0270	Dr Structure Cover, Type G	4030040	13.000	Ea

0280	Dr Structure Cover, Type K	4030050	38.000	Ea
0290	Dr Structure, 24 inch dia	4030200	9.000	Ea
0300	Dr Structure, 48 inch dia	4030210	32.000	Ea
0310	Dr Structure, Tap, 12 inch	4030312	10.000	Ea
0320	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
0330	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0340	Underdrain Outlet, 6 inch	4040093	45.000	Ft
0350	HMA Quality Initiative	5010007	11,028.000	Dlr
0360	Longitudinal Joint Density Quality Initiative	5010018	18,187.000	Dlr
0370	HMA Approach	5010061	468.000	Ton
0380	HMA, LVSP	5010703	5,046.000	Ton
0390	Cement	6030005	5.000	Ton
0400	Reinforcement, Steel	7060090	211.000	Lb
0410	Driveway, Nonreinf Conc, 6 inch	8010005	313.000	Syd
0420	Curb, Conc, Det E4	8020004	855.000	Ft
0430	Curb and Gutter, Conc, Det C4	8020023	5,820.000	Ft
0440	Driveway Opening, Conc, Det M	8020050	697.000	Ft
0450	Curb Ramp Opening, Conc	8030030	318.000	Ft
0460	Sidewalk Ramp, Conc, 6 inch	8030036	2,528.000	Sft
0470	Sidewalk, Conc, 6 inch	8030046	10,630.000	Sft
0480	_ Detectable Warning Surface, Cast Iron	8037001	248.000	Ft
0490	Post, Mailbox	8070095	6.000	Ea
0500	Fdn, Wood Support, Rem	8100280	4.000	Ea
0510	Installing MDOT Supplied Sign, Type III	8100302	4.000	Ea
0520	Post, Steel, 3 lb	8100371	646.000	Ft
0530	Post, Wood, 4 inch by 6 inch	8100380	166.000	Ft
0540	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0550	Sign, Type II, Rem	8100397	1.000	Ea
0560	Sign, Type IIB	8100399	24.000	Sft
0570	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0580	Sign, Type III, Rem	8100403	8.000	Ea
0590	Sign, Type IIIA	8100404	94.000	Sft
0600	Sign, Type IIIB	8100405	159.000	Sft
0610	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0620	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,240.000	Ft
0630	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	48.000	Ft
0640	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	70.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,747.000	Ft
0660	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,291.000	Ft
0670	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,747.000	Ft
0680	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,291.000	Ft
0690	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0700	Recessing Pavt Mrkg, Longit	8110450	12,582.000	Ft
0710	Recessing Pavt Mrkg, Transv	8110451	518.000	Sft
0720	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0730	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0760	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0770	Traf Regulator Control	8120370	1.000	LSUM
0780	Fertilizer, Chemical Nutrient, CI A	8160020	167.000	Lb
0790	Seeding, Mixture TDS	8160037	209.000	Lb
0800	Topsoil Surface, Furn, 3 inch	8160061	4,178.000	Syd
0810	_ Mulch Blanket, Modified	8167011	4,159.000	Syd
0820	Monument Box	8210001	1.000	Ea
0830	Monument Preservation	8210010	1.000	Ea
0840	Protect Corners	8210020	11.000	Ea
0850	Hydrant, Relocate, Case 2	8230096	3.000	Ea
0860	Gate Box, Adj, Case 2	8230432	7.000	Ea
0870	Contractor Staking, Road Only	8240007	1.000	LSUM
0880	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0890	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0900	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
