



Schedule of Pay Items

Report v1

Letting Call: 191206 001

Letting Date: December 6, 2019

Contract ID: 33817-124074

Description: 0.48 mi of water main replacement on Homer Street from Michigan Avenue to M-43 with a lane reduction safety improvement including concrete pavement removal and construction of concrete curb and gutter, driveways, sidewalk, sidewalk ramps, sewer, and drainage between Vine Street and the US-127 northbound exit ramp in the city of Lansing, Ingham County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124074A	1901208	N/A	HSIP 33817

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$103,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	30.000	Ft
0040	Pavt, Rem	2040050	4,617.000	Syd
0050	Sidewalk, Rem	2040055	59.000	Syd
0060	Embankment, CIP	2050010	1,027.000	Cyd
0070	Excavation, Earth	2050016	1,107.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0100	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0120	Erosion Control, Silt Fence	2080036	200.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	Subbase, CIP	3010002	296.000	Cyd
0150	Aggregate Base, 6 inch	3020016	1,950.000	Syd
0160	Maintenance Gravel	3060020	11.000	Ton
0170	Approach, CI I, 6 inch	3070008	241.000	Syd
0180	Sewer, CI A, 12 inch, Tr Det B	4020033	50.000	Ft
0190	Sewer Tap, 12 inch	4021204	4.000	Ea
0200	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0210	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0220	Dr Structure Cover, Type B	4030010	3.000	Ea
0230	Dr Structure Cover, Type J	4030045	5.000	Ea
0240	Dr Structure, 48 inch dia	4030210	5.000	Ea
0250	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0260	HMA Surface, Rem	5010005	81.000	Syd

0270	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	320.000	Syd
0280	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	232.000	Syd
0290	Conc Pavt, Nonreinf, 9 inch	6020106	1,764.000	Syd
0300	Joint, Contraction, Cp	6020200	1,092.000	Ft
0310	Joint, Expansion, E4	6020209	36.000	Ft
0320	Joint, Contraction, Crg	6030020	111.000	Ft
0330	Lane Tie, Epoxy Anchored	6030030	1,271.000	Ea
0340	Driveway, Nonreinf Conc, 8 inch	8010007	524.000	Syd
0350	Curb and Gutter, Conc, Det B1	8020015	2,681.000	Ft
0360	Curb and Gutter, Conc, Det F1	8020035	54.000	Ft
0370	Driveway Opening, Conc, Det M	8020050	931.000	Ft
0380	Detectable Warning Surface	8030010	43.000	Ft
0390	Curb Ramp Opening, Conc	8030030	44.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	683.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	3,045.000	Sft
0420	Sidewalk, Conc, 6 inch	8030046	185.000	Sft
0430	Sidewalk, Conc, 8 inch	8030048	1,365.000	Sft
0440	Post, Steel, 3 lb	8100371	350.000	Ft
0450	Post, Wood, 6 inch by 8 inch	8100382	26.000	Ft
0460	Sign, Type II, Rem	8100397	2.000	Ea
0470	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0480	Sign, Type III, Rem	8100403	26.000	Ea
0490	Sign, Type IIIA	8100404	81.000	Sft
0500	Sign, Type IIIB	8100405	66.000	Sft
0510	Sign, Type VB	8100425	7.000	Sft
0520	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0530	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0560	Pavt Mrkg, Polyurea, 4 inch, White	8110091	95.000	Ft
0570	Pavt Mrkg, Polyurea, 8 inch, White	8110096	200.000	Ft
0580	Pavt Mrkg, Waterborne, 4 inch, White	8110231	701.000	Ft
0590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	701.000	Ft
0600	Rem Spec Mrkg	8110343	193.000	Sft
0610	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0620	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0630	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0640	Recessing Pavt Mrkg, Longit	8110450	295.000	Ft
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0670	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM

0700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	62.000	Ft
0710	Plastic Drum, Fluorescent, Furn	8120252	204.000	Ea
0720	Plastic Drum, Fluorescent, Oper	8120253	204.000	Ea
0730	Sign Cover	8120310	26.000	Ea
0740	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0750	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0760	Sign, Type A, Temp, Prismatic, Furn	8120340	15.000	Sft
0770	Sign, Type A, Temp, Prismatic, Oper	8120341	15.000	Sft
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	1,427.000	Sft
0790	Sign, Type B, Temp, Prismatic, Oper	8120351	1,427.000	Sft
0800	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	68.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	68.000	Sft
0820	_ Driveway Maintenance	8127050	20.000	Ea
0830	_ Intersection Maintenance	8127050	3.000	Ea
0840	_ Turf Establishment, Performance	8167011	1,749.000	Syd
0850	Gate Valve and Box, 6 inch	8230051	2.000	Ea
0860	Gate Valve and Box, 8 inch	8230052	5.000	Ea
0870	Gate Well, Rem	8230076	3.000	Ea
0880	Hydrant, Rem	8230091	6.000	Ea
0890	Water Main, 4 inch, Cut and Plug	8230130	1.000	Ea
0900	Water Main, 6 inch, Cut and Plug	8230131	8.000	Ea
0910	Water Main, 8 inch, Cut and Plug	8230132	5.000	Ea
0920	Water Serv	8230240	11.000	Ea
0930	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0940	Gate Box, Adj, Case 1	8230431	1.000	Ea
0950	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	16.000	Ft
0960	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	52.000	Ft
0970	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	2,664.000	Ft
0980	_ Environmental Joint	8237050	40.000	Ea
0990	_ Fire Hydrant Valve Assembly	8237050	11.000	Ea
1000	_ Fire Hydrant, Excavation and Backfill	8237050	11.000	Ea
1010	_ Valve Box, Rem	8237050	3.000	Ea
1020	Flowable Fill, Non-Structural	8260148	35.000	Cyd



Schedule of Pay Items

Report v1

Letting Call: 191206 002

Letting Date: December 6, 2019

Contract ID: 39014-204645

Description: Bridge rehabilitation including hot mix asphalt overlay, metal mesh panel placement, deck fascia scaling and barrier patching on US-131 over Amtrak Railroad and KL Avenue, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204645A	N/A	N/A	M 39014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$75,000.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 4 inch, White	8110231	200.000	Ft
0030	Pavt Mrkg, Waterborne, 6 inch, White	8110233	780.000	Ft
0040	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	780.000	Ft
0050	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	200.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	780.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	780.000	Ft
0080	Barricade, Type III, High Intensity, Lighted, Furn	8120022	18.000	Ea
0090	Barricade, Type III, High Intensity, Lighted, Oper	8120023	18.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Ltg for Night Work	8120160	1.000	LSUM
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Mobile Attenuator	8120180	2.000	Ea
0170	Sign Cover	8120310	5.000	Ea
0180	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0190	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	1,618.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	1,618.000	Sft
0220	_ Railroad Inspection and Flagging	8507060	90,000.000	Dlr
0230	_ Railroad Protection	8507060	30,000.000	Dlr
Section: 2				
0240	Geotextile, Separator	3080005	692.000	Syd
0250	HMA Patch, Rem	5010006	112.000	Syd
0260	HMA Quality Initiative	5010007	496.000	Dlr

0270	Hand Patching	5010025	74.000	Ton
0280	HMA Approach	5010061	248.000	Ton
0290	_ Fine Textured Milling	5017011	2,238.000	Syd
0300	Reinforcement, Steel, Epoxy Coated	7060092	444.000	Lb
0310	Metal Mesh Panels	7070120	6,720.000	Sft
0320	Hand Chipping, Other Than Deck	7120007	334.000	Cft
0330	Patch, Forming	7120017	892.000	Sft
0340	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	24.000	Ea
0350	Structures, Rehabilitation, Rem Portions (R01-1 of 39014)	7120070	1.000	LSUM
0360	Structures, Rehabilitation, Rem Portions (R01-2 of 39014)	7120070	1.000	LSUM
0370	Patching Conc, C-HE	7120111	13.000	Cyd
0380	Embedded Galvanic Anode	7120120	166.000	Ea
0390	_ Deck, Scaling	7127010	728.000	Sft
0400	_ Rapid-Setting Polymer Conc, 2 inch to 4 inch	7127010	1,000.000	Sft



Schedule of Pay Items

Report v1

Letting Call: 191206 003

Letting Date: December 6, 2019

Contract ID: 03072-202385

Description: 4.13 mi of hot mix asphalt shared use path, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on various routes in the city of Allegan, Allegan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202385A	1901086	N/A	TAL 03072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0040	Dr Structure, Rem	2030011	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	105.000	Ft
0060	Curb and Gutter, Rem	2040020	694.000	Ft
0070	Fence, Rem	2040025	16.000	Ft
0080	Pavt, Rem	2040050	412.000	Syd
0090	Sidewalk, Rem	2040055	202.000	Syd
0100	Embankment, CIP	2050010	1,785.000	Cyd
0110	Excavation, Earth	2050016	1,560.000	Cyd
0120	_ Retention Trench with Perforated Sewer, 12 inch	2067001	205.000	Ft
0130	_ Retention Trench with Perforated Sewer, 15 inch	2067001	80.000	Ft
0140	_ Retention Trench with Perforated Sewer, 24 inch	2067001	110.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	38.000	Ea
0160	Erosion Control, Silt Fence	2080036	2,650.000	Ft
0170	Subbase, CIP	3010002	1,274.000	Cyd
0180	Aggregate Base, 6 inch	3020016	1,419.000	Syd
0190	Approach, CI I, 6 inch	3070008	2,793.000	Syd
0200	Culv, CI F, 15 inch	4010608	64.000	Ft
0210	Sewer, CI A, 12 inch, Tr Det A	4020004	46.000	Ft
0220	Sewer, CI E, 12 inch, Tr Det B	4020600	191.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0240	Dr Structure Cover, Adj, Case 2	4030006	14.000	Ea
0250	Dr Structure Cover, Type G	4030040	5.000	Ea
0260	Dr Structure Cover, Type Q	4030065	3.000	Ea
0270	Dr Structure, Tap, 12 inch	4030312	1.000	Ea

0280	_ Dr Structure Cover, ADA Compliant	4037050	7.000	Ea
0290	_ Dr Structure, 48 inch dia, Leaching Basin	4037050	7.000	Ea
0300	HMA Surface, Rem	5010005	1,484.000	Syd
0310	Hand Patching	5010025	48.000	Ton
0320	HMA Approach	5010061	250.000	Ton
0330	Driveway, Nonreinf Conc, 6 inch	8010005	437.000	Syd
0340	Curb and Gutter, Conc, Det B2	8020016	59.000	Ft
0350	Detectable Warning Surface	8030010	277.000	Ft
0360	Curb Ramp Opening, Conc	8030030	620.000	Ft
0370	Sidewalk Ramp, Conc, 6 inch	8030036	3,581.000	Sft
0380	Sidewalk, Conc, 4 inch	8030044	39,530.000	Sft
0390	Sidewalk, Conc, 6 inch	8030046	10,361.000	Sft
0400	Shared use Path, HMA	8060040	264.000	Ton
0410	Post, Mailbox	8070095	5.000	Ea
0420	Post, Steel, 3 lb	8100371	225.000	Ft
0430	Post, Wood, 4 inch by 6 inch	8100380	70.000	Ft
0440	Sign, Type II, Erect, Salv	8100396	5.000	Ea
0450	Sign, Type II, Rem	8100397	5.000	Ea
0460	Sign, Type III, Erect, Salv	8100402	13.000	Ea
0470	Sign, Type III, Rem	8100403	13.000	Ea
0480	Sign, Type IIIB	8100405	37.000	Sft
0490	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,252.000	Ft
0500	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	414.000	Ft
0510	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	143.000	Ft
0520	Rem Spec Mrkg	8110343	50.000	Sft
0530	Pavt Mrkg, Polyurea, School	8110414	4.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0560	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0650	_ Slope Restoration, Modified	8167011	14,760.000	Syd
0660	Water Shutoff, Adj, Case 2	8230422	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 004

Letting Date: December 6, 2019

Contract ID: 82000-204587

Description: 1.74 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, driveways, curb, gutter, sidewalk and ramps, aggregate base, drainage and pavement markings on Cherry Hill Road from west of Canton Center 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
204587A	1901204	N/A	EDC 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$372,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	14.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0070	Dr Structure, Rem	2030011	23.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	1,167.000	Ft
0090	Sewer, Rem, 24 inch to 48 inch	2030016	423.000	Ft
0100	Curb and Gutter, Rem	2040020	6,347.000	Ft
0110	Pavt, Rem	2040050	3,970.000	Syd
0120	Sidewalk, Rem	2040055	776.000	Syd
0130	Exploratory Investigation, Vertical	2040080	100.000	Ft
0140	_ Misc Culvert Cleanout	2047001	500.000	Ft
0150	_ Misc Pavt, Rem, Patching	2047011	725.000	Syd
0160	_ Misc Obstruction, Rem	2047021	10.000	Cyd
0170	Excavation, Earth	2050016	15,020.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0190	_ Embankment, CIP, Modified	2057021	1,870.000	Cyd
0200	_ Misc Subgrade Undercutting, Type IV	2057021	1,500.000	Cyd
0210	_ Subgrade Undercutting, Type I, Modified	2057021	300.000	Cyd
0220	_ Subgrade Undercutting, Type II, Modified	2057021	750.000	Cyd
0230	Erosion Control, Check Dam, Stone	2080012	60.000	Ft
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	77.000	Ea
0250	Erosion Control, Sediment Basin	2080032	25.000	Cyd
0260	Erosion Control, Silt Fence	2080036	6,800.000	Ft

0270	_ Misc Erosion Control, Stone Filter at Structure	2087050	60.000	Ea
0280	Project Cleanup	2090001	1.000	LSUM
0290	_ Aggregate Base, 6 inch, Modified	3027011	483.000	Syd
0300	_ Aggregate Base, 9 inch, Modified	3027011	20,017.000	Syd
0310	_ Misc Maintenance Aggregate, 21AA	3027031	3,055.000	Ton
0320	_ Shoulder, CI I, 6 inch, Modified	3077011	739.000	Syd
0330	Geotextile, Stabilization	3080010	20,017.000	Syd
0340	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0350	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0360	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0370	Culv End Sect, Conc, 36 inch	4010053	5.000	Ea
0380	Culv End Sect, Grate	4010083	5,605.000	Lb
0390	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0400	Culv End Sect, Metal, 18 inch	4010096	18.000	Ea
0410	Culv End Sect, Metal, 24 inch	4010098	4.000	Ea
0420	Culv End Sect, Metal, 36 inch	4010100	4.000	Ea
0430	Culv, CI F, 12 inch	4010607	32.000	Ft
0440	Culv, CI F, 18 inch	4010609	322.000	Ft
0450	Culv, CI F, 24 inch	4010610	16.000	Ft
0460	Culv, CI F, 36 inch	4010612	64.000	Ft
0470	Outfall Label	4011115	38.000	Ea
0480	_ Sewer Cleanout	4017001	3,000.000	Ft
0490	Sewer, CI A, 18 inch, Tr Det A	4020006	160.000	Ft
0500	Sewer, CI A, 12 inch, Tr Det B	4020033	144.000	Ft
0510	Sewer, CI A, 15 inch, Tr Det B	4020034	179.000	Ft
0520	Sewer, CI A, 18 inch, Tr Det B	4020035	521.000	Ft
0530	Sewer, CI A, 24 inch, Tr Det B	4020036	227.000	Ft
0540	Sewer, CI A, 36 inch, Tr Det B	4020038	939.000	Ft
0550	Sewer, CI E, 12 inch, Tr Det B	4020600	99.000	Ft
0560	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0570	Video Taping Sewer and Culv Pipe	4021275	5,000.000	Ft
0580	Dr Structure, Cleaning	4030290	40.000	Ea
0590	Dr Structure, Tap, 6 inch	4030306	19.000	Ea
0600	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
0610	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0620	Dr Structure, Tap, 36 inch	4030336	1.000	Ea
0630	_ Misc Structure Reconstruct	4037001	20.000	Ft
0640	_ Misc Catch Basin A, Cover S	4037050	23.000	Ea
0650	_ Misc Inlet A, Cover S	4037050	2.000	Ea
0660	_ Misc Mh D, 48 inch dia, Cover C	4037050	2.000	Ea
0670	_ Misc Mh D, 48 inch dia, Cover S	4037050	2.000	Ea
0680	_ Misc Mh D, 60 inch dia, Cover C	4037050	3.000	Ea
0690	_ Misc Mh D, 72 inch dia, Cover C	4037050	1.000	Ea
0700	_ Misc San Structure Cover, Adj, Furn Cover	4037050	8.000	Ea
0710	_ Misc Storm Water Pollution Control Unit, 5.4 cfs	4037050	1.000	Ea

0720	_ Misc Structure Cover, Adj	4037050	10.000	Ea
0730	_ Misc Structure Cover, Adj, Furn Cover A	4037050	25.000	Ea
0740	_ Misc Structure Cover, Adj, Furn Cover C	4037050	10.000	Ea
0750	_ Misc Structure Cover, Adj, Furn Cover S	4037050	12.000	Ea
0760	_ Misc Underdrain Trench Lining	4047001	9,670.000	Ft
0770	_ Misc Underdrain, Subgrade, Shallow, 6 inch	4047001	9,670.000	Ft
0780	Cold Milling HMA Surface	5010002	39,152.000	Syd
0790	HMA Surface, Rem	5010005	4,549.000	Syd
0800	Pavt Joint and Crack Repr, Det 8	5010021	500.000	Ft
0810	Hand Patching	5010025	50.000	Ton
0820	HMA Approach	5010061	116.000	Ton
0830	_ Misc Cold Milling Conc Surface	5017011	500.000	Syd
0840	_ Misc Conditioning Existing Pavement	5017031	500.000	Ton
0850	_ Misc HMA, 3E10	5017031	2,333.000	Ton
0860	_ Misc HMA, 4E10, High Stress	5017031	6,266.000	Ton
0870	_ Misc HMA, 5E10, High Stress	5017031	4,700.000	Ton
0880	Joint, Expansion, E2	6020207	144.000	Ft
0890	_ Misc Cold Weather Protection, Conc Pavt	6027011	2,400.000	Syd
0900	_ Misc Conc Pavt, Misc, Nonreinf, 9 inch	6027011	365.000	Syd
0910	Joint, Contraction, Crg	6030020	2,184.000	Ft
0920	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	725.000	Syd
0930	Driveway, Nonreinf Conc, 6 inch	8010005	331.000	Syd
0940	Driveway, Nonreinf Conc, 8 inch	8010007	465.000	Syd
0950	Curb and Gutter, Conc, Det F2	8020036	3,764.000	Ft
0960	Curb and Gutter, Conc, Det F4	8020038	968.000	Ft
0970	Curb and Gutter, Conc, Det F6	8020040	3,399.000	Ft
0980	Driveway Opening, Conc, Det M	8020050	787.000	Ft
0990	Shoulder Gutter, Conc, Det 2	8020056	68.000	Ea
1000	Shoulder Gutter, Conc, Det 3	8020057	40.000	Ea
1010	Spillway, Conc	8020075	36.000	Ft
1020	_ Misc Conc Curb Cap	8027001	250.000	Ft
1030	_ Misc Conc Curb Cap, Patching	8027001	100.000	Ft
1040	Detectable Warning Surface	8030010	322.000	Ft
1050	Curb Ramp Opening, Conc	8030030	454.000	Ft
1060	Sidewalk, Conc, 4 inch	8030044	12,430.000	Sft
1070	_ Sidewalk Ramp, Conc, 8 inch	8037010	2,086.000	Sft
1080	Post, Mailbox	8070095	15.000	Ea
1090	_ Misc Field Office	8097043	6.000	Mo
1100	_ Misc Sign, Type B, Perm	8107052	910.000	Sft
1110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,500.000	Ft
1120	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	110.000	Ft
1130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	440.000	Ft
1140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
1150	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	8.000	Ea
1160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	18.000	Ea

1170	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,900.000	Ft
1180	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	18,700.000	Ft
1190	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,000.000	Ft
1200	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	800.000	Ft
1210	Pavt Mrkg, Sprayable Thermopl, 12 inch, Yellow	8110160	110.000	Ft
1220	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,300.000	Ft
1230	Rem Curing Compound, for Spec Mrkg	8110321	740.000	Sft
1240	Rem Spec Mrkg	8110343	740.000	Sft
1250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
1260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
1270	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
1280	Minor Traf Devices	8120170	1.000	LSUM
1290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,660.000	Ft
1300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,300.000	Ft
1310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	10,000.000	Ft
1320	Plastic Drum, High Intensity, Furn	8120250	810.000	Ea
1330	Plastic Drum, High Intensity, Oper	8120251	810.000	Ea
1340	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
1350	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	8.000	Ea
1360	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	75.000	Ft
1370	Sign Cover	8120310	10.000	Ea
1380	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1390	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1400	Sign, Type B, Temp, Prismatic, Furn	8120350	3,130.000	Sft
1410	Sign, Type B, Temp, Prismatic, Oper	8120351	3,130.000	Sft
1420	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	890.000	Sft
1430	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	890.000	Sft
1440	Traf Regulator Control	8120370	1.000	LSUM
1450	_ Misc Temp HMA Surface, 4 inch	8127010	5,000.000	Sft
1460	_ Riprap, Plain, Modified	8137011	283.000	Syd
1470	Topsoil Surface, Furn, 2 inch	8160060	28,250.000	Syd
1480	Water, Sodding/Seeding	8160090	763.000	Unit
1490	_ Sodding, Modified	8167011	28,250.000	Syd
1500	TS Face, Bag	8200458	8.000	Ea
1510	TS Face, Bag, Rem	8200459	8.000	Ea
1520	Monument Box Adjust	8210005	3.000	Ea
1530	_ Misc Monument, Prec Bench Mrk	8217050	5.000	Ea
1540	Gate Box, Adj, Case 1	8230431	10.000	Ea
1550	_ Maintaining Water Sprinkler System	8237050	20.000	Ea
1560	Staking Plan Errors and Extras, One Person	8240020	37.000	Hr

1570	Staking Plan Errors and Extras, Two Person	8240021	15.000	Hr
1580	Staking Plan Errors and Extras, Three Person	8240022	22.000	Hr
1590	_ Contractor Staking, Modified	8247051	1.000	LSUM
1600	_ Misc Audio-Video Rte Survey	8507051	1.000	LSUM

**Schedule of Pay Items**

Report v1

Letting Call: 191206 005**Letting Date:** December 6, 2019**Contract ID:** 61000-130496

Description: 7.26 mi of hot mix asphalt base crushing, shaping, and resurfacing, aggregate base, guardrail and pavement markings on Ellis Road from Maple Island Road east to Ravenna road, Muskegon County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130496A	1901036	N/A	STL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$312,200.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Guardrail, Rem	2040035	634.000	Ft
0050	Embankment, CIP	2050010	5,025.000	Cyd
0060	Excavation, Earth	2050016	805.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0080	Erosion Control, Silt Fence	2080036	1,925.000	Ft
0090	Aggregate Base	3020001	3,120.000	Ton
0100	HMA Base Crushing and Shaping	3050002	129,357.000	Syd
0110	Maintenance Gravel, LM	3060021	200.000	Cyd
0120	Approach, CI I, 6 inch	3070008	2,258.000	Syd
0130	Approach, CI II	3070021	653.000	Ton
0140	Shoulder, CI II, 4 inch	3070126	15,697.000	Syd
0150	Trenching	3070200	744.000	Sta
0160	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0170	Culv, CI A, Conc, 15 inch	4010166	104.000	Ft
0180	Culv, CI A, Conc, 36 inch	4010170	24.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0200	Cold Milling HMA Surface	5010002	2,458.000	Syd
0210	HMA Surface, Rem	5010005	1,065.000	Syd
0220	HMA, 4E1	5010050	17,525.000	Ton
0230	HMA, 5E1	5010056	10,680.000	Ton
0240	HMA Approach	5010061	604.000	Ton
0250	Curb Sloped, HMA	8050010	3,810.000	Ft
0260	Guardrail, Type B	8070000	1,382.000	Ft
0270	Guardrail, Curved, Type B	8070010	13.000	Ft

0280	Guardrail, Backed, Det G2	8070016	4.000	Ea
0290	Guardrail Approach Terminal, Type 2B	8070042	7.000	Ea
0300	Guardrail Reflector	8070080	64.000	Ea
0310	Post, Mailbox	8070095	20.000	Ea
0320	_ Guardrail Departing Terminal, Type B, Modified	8077050	1.000	Ea
0330	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	30.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, White	8110231	75,430.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	28,000.000	Ft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	479.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	479.000	Sft
0430	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	32.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	32.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0460	Mulch Blanket, High Velocity	8160028	6,950.000	Syd
0470	Slope Restoration, Type C	8160102	34,050.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 191206 006

Letting Date: December 6, 2019

Contract ID: 80000-133076

Description: Hot mix asphalt overlay, replace expansion joint and bridge rail, guardrail and approach work on various routes at 5 structures, Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133076A	N/A	N/A	MCS 80000
133222A	N/A	N/A	MCS 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$70,900.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	2,335.000	Ft
0030	Structures, Rem Portions (SN 10773)	2040061	1.000	LSUM
0040	Structures, Rem Portions (SN 10777)	2040061	1.000	LSUM
0050	Structures, Rem Portions (SN 10787)	2040061	1.000	LSUM
0060	Excavation, Earth	2050016	10.000	Cyd
0070	Machine Grading	2050030	11.000	Sta
0080	Erosion Control, Silt Fence	2080036	800.000	Ft
0090	Approach, CI II	3070021	46.000	Ton
0100	Shoulder, CI II	3070121	145.000	Ton
0110	Cold Milling HMA Surface	5010002	1,486.000	Syd
0120	HMA Surface, Rem	5010005	1,059.000	Syd
0130	HMA, LVSP	5010703	518.000	Ton
0140	_ HMA Surface, Rem, Modified	5017011	433.000	Syd
0150	_ Pavement Repair Membrane	5027001	250.000	Ft
0160	_ HMA, Ultra-Thin, Medium Volume	5047031	126.000	Ton
0170	Resealing Trans Joints with Hot-Poured Rubber	6030100	347.000	Ft
0180	Expansion Joint Device	7060050	144.000	Ft
0190	False Decking	7060060	9,861.000	Sft
0200	Reinforcement, Steel, Epoxy Coated	7060092	444.000	Lb
0210	_ Conc, Grade D, Modified	7067021	7.000	Cyd
0220	_ Bridge Railing, Guardrail Type	7117001	575.000	Ft
0230	_ Bridge Railing, Guardrail Type T	7117001	56.000	Ft
0240	Hand Chipping, Other Than Deck	7120007	6.000	Cft
0250	Patching Mortar or Conc	7120016	6.000	Cft
0260	Patch, Forming	7120017	25.000	Sft
0270	Epoxy Ovly	7120020	994.000	Syd

0280	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	42.000	Ea
0290	Deck Joint, Rem	7120071	144.000	Ft
0300	Field Repair of Damaged Coating (SN 10773)	7160001	1.000	LSUM
0310	Field Repair of Damaged Coating (SN 10787)	7160001	1.000	LSUM
0320	Guardrail, Type B	8070000	1,063.000	Ft
0330	Guardrail Approach Terminal, Type 2B	8070042	26.000	Ea
0340	Guardrail Reflector	8070080	93.000	Ea
0350	Guardrail Anch Bridge, Det T2, Modified	8070122	4.000	Ea
0360	_ Guardrail Anch, Bridge, Nested Type	8077050	8.000	Ea
0370	_ Guardrail Anch, Bridge, Det T3, Modified	8077050	4.000	Ea
0380	_ Guardrail Anch, Bridge, Nested Type	8077050	4.000	Ea
0390	_ Guardrail Long Span, Det B-25	8077050	2.000	Ea
0400	Sign, Type III, Rem	8100403	4.000	Ea
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,010.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,173.000	Ft
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	45.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	45.000	Ea
0450	Channelizing Device, 42 inch, Furn	8120030	35.000	Ea
0460	Channelizing Device, 42 inch, Oper	8120031	35.000	Ea
0470	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Mobile Attenuator	8120180	4.000	Ea
0510	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	2,539.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	2,539.000	Sft
0550	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	409.000	Sft
0560	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	409.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	Slope Restoration, Type B	8160101	1,587.000	Syd
0590	Slope Restoration, Type C	8160102	1,600.000	Syd

Section: 2

0600	Structures, Rem Portions (SN 10741)	2040061	1.000	LSUM
0610	Backfill, Structure, CIP	2060002	10.000	Cyd
0620	Erosion Control, Turbidity Curtain, Shallow	2080044	500.000	Ft
0630	_ HMA Surface, Rem, Modified	5017011	397.000	Syd
0640	Expansion Joint Device	7060050	39.000	Ft
0650	False Decking	7060060	4,488.000	Sft
0660	Reinforcement, Steel, Epoxy Coated	7060092	228.000	Lb
0670	Substructure Conc	7060100	2.000	Cyd
0680	_ Conc, Grade D, Modified	7067021	2.000	Cyd

0690	Joint Waterproofing	7100001	27.000	Sft
0700	Membrane, Preformed Waterproofing	7100008	3,572.000	Sft
0710	_ Bridge Railing, Guardrail Type	7117001	188.000	Ft
0720	Hand Chipping, Shallow	7120003	2.000	Syd
0730	Hand Chipping, Other Than Deck	7120007	15.000	Cft
0740	Patching Mortar or Conc	7120016	20.000	Cft
0750	Patch, Forming	7120017	110.000	Sft
0760	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	2.000	Ea
0770	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	8.000	Ea
0780	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	9.000	Ea
0790	Structures, Rehabilitation, Rem Portions (SN 10738)	7120070	1.000	LSUM
0800	Deck Joint, Rem	7120071	39.000	Ft
0810	_ Grout Repair	7127001	25.000	Ft
0820	Field Repair of Damaged Coating (SN 10741)	7160001	1.000	LSUM
0830	_ Riprap, Heavy, Modified	8137031	261.000	Ton



Schedule of Pay Items

Report v1

Letting Call: 191206 007

Letting Date: December 6, 2019

Contract ID: 34000-133006

Description: 0.40 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, sewer, drainage, filler walls and pavement markings on Grand River Avenue from Cutler Road to Rowe Avenue in the city of Portland, Ionia County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133006A	1901136	N/A	STUL 34000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$58,900.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0040	Curb and Gutter, Rem	2040020	87.000	Ft
0050	Guardrail, Rem	2040035	700.000	Ft
0060	Pavt, Rem	2040050	1,030.000	Syd
0070	Sidewalk, Rem	2040055	10.000	Syd
0080	_ Culvert Cleanout	2047001	670.000	Ft
0090	Ditch Cleanout	2050006	5.500	Sta
0100	Excavation, Earth	2050016	270.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0120	_ Sidewalk Grading	2057001	1,882.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0140	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0150	Subbase, CIP	3010002	308.000	Cyd
0160	Aggregate Base, 6 inch	3020016	440.000	Syd
0170	_ Aggregate Base, 2 inch	3027011	830.000	Syd
0180	Maintenance Gravel, LM	3060021	100.000	Cyd
0190	_ Driveway Maintenance, Commercial	3067050	9.000	Ea
0200	Culv End Sect, 12 inch	4010012	4.000	Ea
0210	Sewer, CI A, 12 inch, Tr Det B	4020033	464.000	Ft
0220	Sewer Tap, 12 inch	4021204	2.000	Ea
0230	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0240	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0250	Dr Structure Cover, Type B	4030010	2.000	Ea
0260	Dr Structure Cover, Type G	4030040	3.000	Ea
0270	Dr Structure, 24 inch dia	4030200	5.000	Ea

0280	_ Slotted Drain, Galv, 12 inch	4047001	510.000	Ft
0290	Cold Milling HMA Surface	5010002	11,040.000	Syd
0300	Hand Patching	5010025	100.000	Ton
0310	HMA, 5E3	5010057	1,940.000	Ton
0320	Conc Pavt, Nonreinf, 8 inch	6020104	250.000	Syd
0330	Cement	6030005	34.000	Ton
0340	Crack Sealing, Conc Pavt	6030010	500.000	Ft
0350	Joint, Contraction, Crg	6030020	300.000	Ft
0360	Joint, Expansion, Erg	6030021	24.000	Ft
0370	Joint, Tied, Trg	6030023	50.000	Ft
0380	Lane Tie, Epoxy Anchored	6030030	450.000	Ea
0390	Non-Chloride Accelerator	6030035	15.000	Gal
0400	Pavt Repr, Nonreinf Conc, 8 inch	6030044	524.000	Syd
0410	Pavt Repr, Rem	6030080	274.000	Syd
0420	Saw Cut, Intermediate	6030090	66.000	Ft
0430	Sawing and Sealing Longit Pavt Joints	6030095	225.000	Ft
0440	Sawing and Sealing Trans Pavt Joints	6030096	495.000	Ft
0450	Resealing Trans Joints with Hot-Poured Rubber	6030100	225.000	Ft
0460	Resealing Longit Joints with Hot-Poured Rubber	6030101	495.000	Ft
0470	Reinforcement, Steel, Epoxy Coated	7060092	3,000.000	Lb
0480	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	108.000	Ea
0490	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	279.000	Ea
0500	Filler Wall Conc	7120087	44.000	Cyd
0510	Curb, Conc, Det E4	8020004	23.000	Ft
0520	Curb and Gutter, Conc, Det F4	8020038	32.000	Ft
0530	_ Curb and Gutter, Conc, Dt F4, Modified	8027001	300.000	Ft
0540	_ Valley Gutter, Conc, Modified	8027001	174.000	Ft
0550	Detectable Warning Surface	8030010	35.000	Ft
0560	Curb Ramp Opening, Conc	8030030	55.000	Ft
0570	Sidewalk Ramp, Conc, 6 inch	8030036	550.000	Sft
0580	Sidewalk, Conc, 4 inch	8030044	10,175.000	Sft
0590	Guardrail, Curved, Type B	8070010	20.000	Ft
0600	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0610	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0620	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	75.000	Ft
0630	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	25.000	Ft
0640	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,552.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,968.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,552.000	Ft
0670	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,968.000	Ft
0680	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0690	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	424.000	Ft
0700	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	59.000	Ft
0710	_ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Crosswalk	8117001	424.000	Ft

0720	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	59.000	Ft
0730	_ Pavt Mrkg, Waterborne, 2nd Application, Rt Turn Arrow Sym	8117050	3.000	Ea
0740	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	3.000	Ea
0750	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0770	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0780	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0790	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0800	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0810	Minor Traf Devices	8120170	1.000	LSUM
0820	Pavt Mrkg Cover, Type R, Black	8120200	3,000.000	Ft
0830	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	106.000	Ft
0840	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	2,200.000	Ft
0850	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	6,600.000	Ft
0860	Sign Cover	8120310	10.000	Ea
0870	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0880	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0890	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0900	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0910	Traf Regulator Control	8120370	1.000	LSUM
0920	_ Slope Restoration	8167011	3,310.000	Syd
0930	Monument Preservation	8210010	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 008

Letting Date: December 6, 2019

Contract ID: 79000-203488

Description: 13.40 mi of tree removal, clearing and driveway culvert replacement on various routes, Tuscola County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203488A	1901255	N/A	HRRR 79000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	9.700	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	17.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	5.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	142.000	Ea
0060	_ Tree Removal	2027050	83.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	12.000	Ea
0080	Culv, Rem, 24 inch to 48 inch	2030002	15.000	Ea
0090	Fence, Rem	2040025	1,150.000	Ft
0100	_ Removal of Miscellaneous Appurtenances	2047051	1.000	LSUM
0110	Ditch Cleanout	2050006	11.000	Sta
0120	Embankment, CIP	2050010	50.000	Cyd
0130	Excavation, Earth	2050016	50.000	Cyd
0140	Erosion Control, Silt Fence	2080036	950.000	Ft
0150	Approach, CI II	3070021	115.000	Ton
0160	Culv End Sect, 12 inch	4010012	10.000	Ea
0170	Culv End Sect, 15 inch	4010015	5.000	Ea
0180	Culv, CI F, 12 inch	4010607	220.000	Ft
0190	Culv, CI F, 15 inch	4010608	100.000	Ft
0200	Culv, CI F, 18 inch	4010609	88.000	Ft
0210	Culv, CI F, 24 inch	4010610	365.000	Ft
0220	Culv, CI F, 30 inch	4010611	66.000	Ft
0230	Culv, CI F, 36 inch	4010612	257.000	Ft
0240	Culv, CI F, Conc, 18 inch	4010643	40.000	Ft
0250	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	5.000	Ea
0260	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	18.000	Ea
0270	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	4.000	Ea
0280	Culv, Slp End Sect, 1 on 6, 36 inch, Longit	4010961	6.000	Ea

0290	Sewer, CI A, 15 inch, Tr Det A	4020005	80.000	Ft
0300	Dr Structure Cover, Type B	4030010	1.000	Ea
0310	Dr Structure Cover, Type E	4030035	1.000	Ea
0320	Dr Structure, 48 inch dia	4030210	2.000	Ea
0330	HMA Surface, Rem	5010005	144.000	Syd
0340	HMA Approach	5010061	26.000	Ton
0350	Post, Mailbox	8070095	11.000	Ea
0360	Delineator Reflector, White	8100134	31.000	Ea
0370	Post, Rigid, Delineator	8100361	31.000	Ea
0380	Post, Steel, 3 lb	8100371	1,440.000	Ft
0390	Post, Wood, 4 inch by 6 inch	8100380	30.000	Ft
0400	Sign, Type III, Rem	8100403	20.000	Ea
0410	Sign, Type IIIB	8100405	385.000	Sft
0420	Reflective Panel for Permanent Sign Support, 6 foot	8100616	96.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Plastic Drum, High Intensity, Furn	8120250	384.000	Ea
0470	Plastic Drum, High Intensity, Oper	8120251	384.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	1,048.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	1,048.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	_ Slope Restoration	8167011	19,590.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 191206 009

Letting Date: December 6, 2019

Contract ID: 79000-133041-2

Description: 0.18 mi of hot mix asphalt paving, drainage, bridge reconstruction with 12 inch prestressed concrete box beams, embankment and pavement markings on Van Buren Road over Sheboygan I/C Drain, Tuscola County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133041A	1900463	N/A	BRT 79000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,800.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	100.000	Cyd
0030	_ Machine Grading, Modified	2057002	3.000	Sta
0040	Erosion Control, Silt Fence	2080036	400.000	Ft
0050	Erosion Control, Turbidity Curtain, Shallow	2080044	50.000	Ft
0060	Aggregate Base	3020001	378.000	Ton
0070	Shoulder, CI II, 4 inch	3070126	160.000	Syd
0080	HMA Surface, Rem	5010005	660.000	Syd
0090	HMA, LVSP	5010703	175.000	Ton
0100	_ Structure Name Plate	8007050	1.000	Ea
0110	Guardrail, Type B	8070000	100.000	Ft
0120	Guardrail, Curved, Type B	8070010	25.000	Ft
0130	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0140	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0150	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0160	Sign, Type IIIB	8100405	5.000	Sft
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	540.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	270.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	540.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	270.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	405.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	405.000	Sft
0260	Slope Restoration, Type A	8160100	300.000	Syd

Section: 2

0270	Structures, Rem (Structure No. 10488)	2040060	1.000	LSUM
0280	Excavation, Channel	2050015	250.000	Cyd
0290	_ Granular Embankment, AASHTO #89 Stone	2057021	812.000	Cyd
0300	Excavation, Fdn	2060010	982.000	Cyd
0310	_ RSF, MDOT 21AA, CIP, Crushed Limestone	3027021	170.000	Cyd
0320	_ High Strength Woven Polypropylene Fabric	3087011	4,057.000	Syd
0330	Cofferdams (Structure No. 10488)	7040007	1.000	LSUM
0340	Bridge Ltg, Furn and Rem (Structure No. 10488)	7060001	1.000	LSUM
0350	Bridge Ltg, Oper and Maintain	7060002	27.000	Cyd
0360	Reinforcement, Steel, Epoxy Coated	7060092	8,036.000	Lb
0370	Superstructure Conc	7060110	16.000	Cyd
0380	Superstructure Conc, Form, Finish, and Cure (Structure No. 10488)	7060111	1.000	LSUM
0390	Superstructure Conc, Form, Finish, and Cure, Night Casting (Structure No. 10488)	7060112	1.000	LSUM
0400	Superstructure Conc, Night Casting	7060113	27.000	Cyd
0410	_ Concrete Cap	7067001	100.000	Ft
0420	_ Reinforcement, Steel, Epoxy Coated Dowel	7067001	504.000	Ft
0430	_ Solid Concrete Masonry Block	7067050	1,525.000	Ea
0440	_ Splitface Concrete Masonry Block	7067050	1,208.000	Ea
0450	Bearing, Elastomeric, 3/4 inch	7070011	2,304.000	Sin
0460	Prest Conc Box Beam, Furn, 12 inch	7080051	128.000	Ft
0470	Prest Conc Box Beam, Erect, 12 inch	7080052	128.000	Ft
0480	Joint Waterproofing, Expansion	7100003	145.000	Sft
0490	Bridge Railing, Aesthetic Parapet Tube	7110005	64.000	Ft
0500	Riprap, Heavy	8130005	310.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 191206 010

Letting Date: December 6, 2019

Contract ID: 48555-130393

Description: 2.13 mi of hot mix asphalt resurfacing with aggregate shoulders and pavement markings on County Road 415 S from County Road 98 to M-28, Luce County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130393A	1901154	N/A	STL 48555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,400.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	146.000	Ton
0030	Shoulder, CI II	3070121	1,400.000	Ton
0040	Pavt for Butt Joints, Rem	5010008	980.000	Syd
0050	HMA Approach	5010061	109.000	Ton
0060	HMA, LVSP	5010703	3,780.000	Ton
0070	Curb Sloped, HMA	8050010	6,322.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,262.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,233.000	Ft
0100	Channelizing Device, 42 inch, Furn	8120030	114.000	Ea
0110	Channelizing Device, 42 inch, Oper	8120031	114.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	900.000	Ft
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	520.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	520.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0190	Monument Box	8210001	1.000	Ea
0200	Monument Preservation	8210010	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 011

Letting Date: December 6, 2019

Contract ID: 39000-203754

Description: 0.60 mi of hot mix asphalt shared use path, concrete pavement, driveway, curb, gutter and ramps, aggregate base and pavement markings along Sprinkle Road from west of Sprinkle Road south to Highway Street in the village of Vicksburg, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203754A	1901152	N/A	TAU 39000

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	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0030	Curb and Gutter, Rem	2040020	60.000	Ft
0040	Fence, Rem	2040025	200.000	Ft
0050	Pavt, Rem	2040050	65.000	Syd
0060	Sidewalk, Rem	2040055	265.000	Syd
0070	_ Fence, Salv	2047001	140.000	Ft
0080	Embankment, CIP	2050010	250.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0110	Erosion Control, Silt Fence	2080036	5,235.000	Ft
0120	Aggregate Base, 6 inch	3020016	4,270.000	Syd
0130	Open-Graded Dr Cse, CIP	3030030	110.000	Cyd
0140	Aggregate Surface Cse, 6 inch	3060010	75.000	Syd
0150	Culv, CI F, CSP, 12 inch	4010675	20.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0170	Dr Structure Cover, Type D	4030025	1.000	Ea
0180	Underdrain, Subgrade, Open-Graded, 4 inch	4040081	550.000	Ft
0190	HMA Surface, Rem	5010005	45.000	Syd
0200	Hand Patching	5010025	2.000	Ton
0210	Conc Base Cse, Nonreinf, 6 inch	6020015	15.000	Syd
0220	Conc Pavt, Nonreinf, 6 inch	6020100	15.000	Syd
0230	Driveway, Nonreinf Conc, 6 inch	8010005	60.000	Syd
0240	Curb and Gutter, Conc, Det C4	8020023	85.000	Ft
0250	Curb Ramp Opening, Conc	8030030	15.000	Ft
0260	Sidewalk Ramp, Conc, 6 inch	8030036	400.000	Sft
0270	_ Detectable Warning Surface, Cast Iron	8037001	33.000	Ft

0280	Shared use Path, Grading	8060030	3,080.000	Ft
0290	Shared use Path, HMA	8060040	625.000	Ton
0300	_ Fence, Split Rail	8087001	715.000	Ft
0310	Post, Steel, 3 lb	8100371	135.000	Ft
0320	Sign, Type IIA	8100398	8.000	Sft
0330	Sign, Type IIB	8100399	47.000	Sft
0340	Sign, Type III, Rem	8100403	2.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	200.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	20.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,000.000	Ft
0380	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	75.000	Ft
0390	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	150.000	Ft
0430	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0470	Traf Regulator Control	8120370	1.000	LSUM
0480	Slope Restoration, Type A	8160100	4,435.000	Syd
0490	_ Landscape Furniture, Bench	8507050	1.000	Ea
0500	_ Landscape Furniture, Bike Rack	8507050	2.000	Ea
0510	_ Wayfinding Sign	8507050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 012

Letting Date: December 6, 2019

Contract ID: 82062-128835

Description: Bridge rehabilitation of 6 structures including deck replacement, beam and substructure repairs, joint and railing replacement, slope protection repairs and approach work on US-12 over M-39, M-39 over the Rouge River and Michigan Line Railroad over M-39 in the city of Dearborn, Wayne County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128835A	1901176	N/A	NH 82062
130004A	20A0017	N/A	NH 82192
206165A	N/A	N/A	CTFR 82192

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$877,300.00	1500001	1.000	LSUM
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0050	Conc Barrier, Rem	2040010	290.000	Ft
0060	Curb and Gutter, Rem	2040020	2,763.000	Ft
0070	Guardrail, Rem	2040035	774.000	Ft
0080	Pavt, Rem	2040050	4,154.000	Syd
0090	Sidewalk, Rem	2040055	125.000	Syd
0100	Exploratory Investigation, Vertical	2040080	10.000	Ft
0110	Embankment, CIP	2050010	3,984.000	Cyd
0120	Excavation, Earth	2050016	7,690.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0140	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	26.000	Ea
0160	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0170	Erosion Control, Silt Fence	2080036	911.000	Ft
0180	Project Cleanup	2090001	1.000	LSUM
0190	Subbase, CIP	3010002	34.000	Cyd
0200	Aggregate Base, 6 inch	3020016	1,938.000	Syd
0210	Aggregate Base, 12 inch	3020030	5,238.000	Syd
0220	_ Open-Graded Dr Cse, 16 inch	3037011	3,598.000	Syd
0230	Shoulder, CI II, 6 inch	3070128	629.000	Syd
0240	Geotextile, Separator	3080005	4,285.000	Syd
0250	Dr Structure Cover, Adj, Case 1	4030005	46.000	Ea

0260	Dr Structure Cover, Type B	4030010	1.000	Ea
0270	Dr Structure Cover, Type D	4030025	14.000	Ea
0280	Dr Structure Cover, Type DX	4030030	5.000	Ea
0290	Dr Structure Cover, Type E	4030035	1.000	Ea
0300	Dr Structure Cover, Type J	4030045	7.000	Ea
0310	Dr Structure Cover, Type K	4030050	7.000	Ea
0320	Underdrain, Pipe, Open-Graded, 6 inch	4040043	891.000	Ft
0330	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	79.000	Ft
0340	HMA Surface, Rem	5010005	9,469.000	Syd
0350	HMA Approach	5010061	16.000	Ton
0360	HMA, Temp Pavt (3E3)	5010804	1,264.000	Ton
0370	HMA, Temp Pavt (4E3)	5010805	841.000	Ton
0380	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	318.000	Syd
0390	Joint, Contraction, Cp	6020200	1,036.000	Ft
0400	Joint, Contraction, C3p	6020201	48.000	Ft
0410	Joint, Expansion, E2	6020207	757.000	Ft
0420	Joint, Expansion, E3	6020208	288.000	Ft
0430	Shoulder, Nonreinf Conc	6020222	70.000	Syd
0440	Conc Quality Initiative	6020401	9,717.000	Dlr
0450	Conc Pavt, Misc, Nonreinf, 10 1/2 inch, High Performance	6020517	2,250.000	Syd
0460	Joint, Contraction, Crg	6030020	132.000	Ft
0470	Joint, Expansion, Erg	6030021	245.000	Ft
0480	Lane Tie, Epoxy Anchored	6030030	213.000	Ea
0490	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	838.000	Syd
0500	Curb and Gutter, Conc, Det B1	8020015	1,467.000	Ft
0510	Curb and Gutter, Conc, Det F5	8020039	2,036.000	Ft
0520	_ Curb and Gutter, Bridge Approach, Modified	8027001	85.000	Ft
0530	_ Valley Gutter, Conc, 10 inch, Modified	8027001	284.000	Ft
0540	Sidewalk, Conc, 4 inch	8030044	1,066.000	Sft
0550	Conc Barrier, Double Face, Type A	8040005	112.000	Ft
0560	Conc Barrier, Split, Type A	8040010	26.000	Ft
0570	Glare Screen, Conc	8040015	112.000	Ft
0580	Glare Screen, Conc, Split	8040016	26.000	Ft
0590	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	113.000	Ft
0600	_ Conc Barrier, Split, Type A, Modified	8047001	39.000	Ft
0610	Guardrail, Type MGS-8	8070004	925.000	Ft
0620	Guardrail Anch, Bridge, Det A1	8070020	1.000	Ea
0630	Guardrail Anch, Bridge, Det T1	8070022	7.000	Ea
0640	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0650	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0660	Guardrail Reflector	8070080	23.000	Ea
0670	_ Timber Rub Rail	8077001	125.000	Ft
0680	Fence, Chain Link, 60 inch	8080012	80.000	Ft

0690	Bridge Sign Connection, Conc, Type A1	8100031	4.000	Ea
0700	Bridge Sign Connection, Steel, Type F	8100065	4.000	Ea
0710	Bridge Sign Connection, Type A, Rem	8100080	4.000	Ea
0720	Bridge Sign Connection, Type B, Rem	8100081	1.000	Ea
0730	Bridge Sign Connection, Type C, Rem	8100082	2.000	Ea
0740	Bridge Sign Connection, Type F, Rem	8100085	4.000	Ea
0750	Cantilever, Type J	8100110	1.000	Ea
0760	Delineator Reflector, Green	8100133	7.000	Ea
0770	Fdn, Cantilever Sign Structure Type J, 72 inch Dia, Cased	8100184	49.000	Ft
0780	Post, Rigid, Delineator	8100361	7.000	Ea
0790	Post, Steel, 3 lb	8100371	98.000	Ft
0800	Sign, Type I, Rem	8100391	6.000	Ea
0810	Sign, Type IA	8100392	734.000	Sft
0820	Sign, Type IB	8100393	88.000	Sft
0830	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0840	Sign, Type II, Rem	8100397	6.000	Ea
0850	Sign, Type IIB	8100399	64.000	Sft
0860	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0870	Sign, Type III, Rem	8100403	4.000	Ea
0880	_ Bridge Sign Connection, Steel, Type B, Modified	8107050	2.000	Ea
0890	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	389.000	Ft
0900	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	993.000	Ft
0910	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	4,647.000	Ft
0920	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	246.000	Ft
0930	Rem Curing Compound, for Spec Mrkg	8110321	389.000	Sft
0940	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0950	Recessing Pavt Mrkg, Longit	8110450	1,211.000	Ft
0960	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	7,091.000	Ft
0970	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	8,043.000	Ft
0980	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 12 inch, White	8110493	2,148.000	Ft
0990	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, Yellow	8110495	4,592.000	Ft
1000	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	142.000	Ft
1010	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	284.000	Ft
1020	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
1030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
1040	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
1050	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
1060	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
1070	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
1080	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	3.000	Ea

1090	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	3.000	Ea
1100	Conc Barrier Ending, Temp, Detail 4, Relocated	8120053	4.000	Ea
1110	Conc Barrier, Temp, Adj	8120080	3,681.000	Ft
1120	Conc Barrier, Temp, Furn	8120081	5,800.000	Ft
1130	Conc Barrier, Temp, Oper	8120082	5,800.000	Ft
1140	Conc Barrier, Temp, Relocated	8120083	4,562.000	Ft
1150	Glare Screen, Temp	8120094	1,471.000	Ft
1160	Glare Screen, Temp, Relocated	8120095	1,272.000	Ft
1170	Glare Screen, Temp, Complete Section, Replaced	8120096	10.000	Ea
1180	High Intensity Light, Type B, Furn	8120110	4.000	Ea
1190	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1200	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
1210	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
1220	Ltg for Night Work	8120160	1.000	LSUM
1230	Minor Traf Devices	8120170	1.000	LSUM
1240	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	16,091.000	Ft
1250	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,051.000	Ft
1260	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,740.000	Ft
1270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,009.000	Ft
1280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	34,783.000	Ft
1290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	24,691.000	Ft
1300	Plastic Drum, Fluorescent, Furn	8120252	625.000	Ea
1310	Plastic Drum, Fluorescent, Oper	8120253	625.000	Ea
1320	Sign Cover	8120310	180.000	Ea
1330	Sign Cover, Type 1	8120320	15.000	Ea
1340	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1350	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1360	Sign, Type B, Temp, Prismatic, Furn	8120350	5,936.000	Sft
1370	Sign, Type B, Temp, Prismatic, Oper	8120351	5,936.000	Sft
1380	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	318.000	Sft
1390	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	318.000	Sft
1400	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	35.000	Ea
1410	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	35.000	Ea
1420	Site Preparation, Max \$2,200.00	8150001	1.000	LSUM
1430	Watering and Cultivating, First Season, Min \$1,000.00	8150002	1.000	LSUM
1440	Watering and Cultivating, Second Season, Min \$1,300.00	8150003	1.000	LSUM
1450	Gymnocladus dioicus, 2 inch	8151676	5.000	Ea
1460	Pinus nigra, 4 foot	8152841	5.000	Ea
1470	Quercus macrocarpa, 2 inch	8153085	5.000	Ea
1480	_ Ulmus Americana New Harmony, 2 inch	8157050	5.000	Ea

1490	Slope Restoration, Type A	8160100	10.000	Syd
1500	_ Turf Establishment, Performance	8167011	13,030.000	Syd
1510	Conduit, Fiberglass, 1 inch	8190085	175.000	Ft
1520	Conduit, Rem	8190140	175.000	Ft
1530	Hh, Round	8190260	2.000	Ea
1540	Cable, Sec, 600V, 1, 2/C#6	8190396	2,286.000	Ft
1550	Cable, Sec, 600V, 3, 1/C#4	8190405	2,286.000	Ft
1560	Contractor Staking	8240001	1.000	LSUM
1570	Staking Plan Errors and Extras, One Person	8240020	87.000	Hr
1580	Staking Plan Errors and Extras, Two Person	8240021	35.000	Hr
1590	Staking Plan Errors and Extras, Three Person	8240022	52.000	Hr

Section: 2

1600	Asbestos Materials, Rem and Disposal	2040001	183,000.000	Dir
1610	Backfill, Structure, CIP	2060002	584.000	Cyd
1620	Backfill, Select	2060004	10.000	Cyd
1630	Excavation, Fdn	2060010	614.000	Cyd
1640	Bridge Ltg, Furn and Rem (S02-3 of 82062)	7060001	1.000	LSUM
1650	Bridge Ltg, Furn and Rem (S02-4 of 82062)	7060001	1.000	LSUM
1660	Bridge Ltg, Oper and Maintain	7060002	1,402.000	Cyd
1670	Elec Grounding System	7060040	2.000	Ea
1680	Expansion Joint Device	7060050	1,133.000	Ft
1690	Expansion Joint Device, Cover Plate	7060051	74.000	Ft
1700	False Decking	7060060	2,058.000	Sft
1710	Reinforcement, Steel, Epoxy Coated	7060092	332,728.000	Lb
1720	Substructure Conc	7060100	169.000	Cyd
1730	Superstructure Conc, Form, Finish, and Cure (B02-6 of 82192)	7060111	1.000	LSUM
1740	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02-3 of 82062)	7060112	1.000	LSUM
1750	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02-4 of 82062)	7060112	1.000	LSUM
1760	Superstructure Conc, High Performance	7060116	45.000	Cyd
1770	Superstructure Conc, Night Casting, High Performance	7060117	1,402.000	Cyd
1780	Water Repellent Treatment, Penetrating	7060140	450.000	Syd
1790	_ Expansive Waterstop	7067001	340.000	Ft
1800	_ Conc, Grade DM	7067021	47.000	Cyd
1810	Shear Developers (B02-6 of 82192)	7070040	1.000	LSUM
1820	Shear Developers (S02-3 of 82062)	7070040	1.000	LSUM
1830	Shear Developers (S02-4 of 82062)	7070040	1.000	LSUM
1840	Joint Waterproofing	7100001	976.000	Sft
1850	Conc Surface Coating, Warranty (S02-3 of 82062)	7100009	1.000	LSUM
1860	Conc Surface Coating, Warranty (S02-4 of 82062)	7100009	1.000	LSUM
1870	Substructure Horizontal Surface Sealer (B02 of 82192)	7100030	62.000	Syd
1880	Substructure Horizontal Surface Sealer (B02-5 of 82192)	7100030	29.000	Syd

1890	Substructure Horizontal Surface Sealer (B02-6 of 82192)	7100030	21.000	Syd
1900	Substructure Horizontal Surface Sealer (S02-3 of 82062)	7100030	29.000	Syd
1910	Substructure Horizontal Surface Sealer (S02-4 of 82062)	7100030	29.000	Syd
1920	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	1,076.000	Ft
1930	Bridge Barrier Railing, Type 4, High Performance	7110015	680.000	Ft
1940	_ Bridge Barrier Railing, Reconst Portions	7117001	200.000	Ft
1950	_ Bridge Barrier Railing, Type 4, Modified, High Performance	7117001	340.000	Ft
1960	_ Handrail	7117001	538.000	Ft
1970	_ Ornamental Railing	7117001	538.000	Ft
1980	Hand Chipping, Shallow	7120003	7.000	Syd
1990	Hand Chipping, Deep	7120004	7.000	Syd
2000	Hand Chipping, Other Than Deck	7120007	5,434.000	Cft
2010	Patch, Forming	7120017	14,762.000	Sft
2020	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	96.000	Ea
2030	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	756.000	Ea
2040	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	511.000	Ea
2050	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	22.000	Ea
2060	Bolt, Mechanical Expansion Anchored, 3/4 inch	7120051	40.000	Ea
2070	Structures, Rehabilitation, Rem Portions (B02-5 of 82192)	7120070	1.000	LSUM
2080	Structures, Rehabilitation, Rem Portions (B02-6 of 82192)	7120070	1.000	LSUM
2090	Structures, Rehabilitation, Rem Portions (S02-3 of 82062)	7120070	1.000	LSUM
2100	Structures, Rehabilitation, Rem Portions (S02-4 of 82062)	7120070	1.000	LSUM
2110	Structures, Rehabilitation, Rem Portions (X01 of 82192)	7120070	1.000	LSUM
2120	Deck Joint, Rem	7120071	343.000	Ft
2130	Top Flanges and Beam Ends, Clean and Coat	7120100	738.000	Syd
2140	Patching Conc, C-L	7120112	215.000	Cyd
2150	Embedded Galvanic Anode	7120120	502.000	Ea
2160	_ Filler Wall, Conc, Modified	7127021	15.000	Cyd
2170	_ Adhesive Anchoring of Vertical Bar, 1 1/4 inch	7127050	360.000	Ea
2180	_ Bridge Joints, Clean and Seal (B02 of 82192), Modified	7127051	1.000	LSUM
2190	_ Bridge Joints, Clean and Seal (B02-5 of 82192), Modified	7127051	1.000	LSUM
2200	_ Bridge Joints, Clean and Seal (B02-6 of 82192), Modified	7127051	1.000	LSUM
2210	Beam Plate, Seal Perimeter	7130010	2,160.000	Ft
2220	Heat Straightening Steel (X01 of 82192)	7130040	1.000	LSUM
2230	Rocker, Realign	7130050	14.000	Ea
2240	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	92,597.000	Lb
2250	Support, Column, Temp	7130080	20.000	Ea

2260	_ Support, Temp, Spec, Type 1	7137050	32.000	Ea
2270	_ Support, Temp, Spec, Type 2	7137050	96.000	Ea
2280	_ Support, Temp, Spec, Type 3	7137050	32.000	Ea
2290	_ Support, Temp, Special, Type 1	7137050	14.000	Ea
2300	_ Realign Girders (S02-3 of 82062)	7137051	1.000	LSUM
2310	_ Realign Girders (S02-4 of 82062)	7137051	1.000	LSUM
2320	Protective Shield, Utility Pipe	7150025	90.000	Ft
2330	Steel Structure, Cleaning, Partial, Type 4 (B02 of 82192)	7150047	1.000	LSUM
2340	Steel Structure, Cleaning, Partial, Type 4 (B02-5 of 82192)	7150047	1.000	LSUM
2350	Steel Structure, Cleaning, Partial, Type 4 (B02-6 of 82192)	7150047	1.000	LSUM
2360	Steel Structure, Cleaning, Partial, Type 4 (X01 of 82192)	7150047	1.000	LSUM
2370	Steel Structure, Coating, Partial, Type 4 (B02 of 82192)	7150048	1.000	LSUM
2380	Steel Structure, Coating, Partial, Type 4 (B02-5 of 82192)	7150048	1.000	LSUM
2390	Steel Structure, Coating, Partial, Type 4 (B02-6 of 82192)	7150048	1.000	LSUM
2400	Steel Structure, Coating, Partial, Type 4 (X01 of 82192)	7150048	1.000	LSUM
2410	Field Repair of Damaged Coating (B02 of 82192)	7160001	1.000	LSUM
2420	Field Repair of Damaged Coating (B02-5 of 82192)	7160001	1.000	LSUM
2430	Field Repair of Damaged Coating (B02-6 of 82192)	7160001	1.000	LSUM
2440	Field Repair of Damaged Coating (S02-3 of 82062)	7160001	1.000	LSUM
2450	Field Repair of Damaged Coating (S02-4 of 82062)	7160001	1.000	LSUM
2460	Field Repair of Damaged Coating (X01 of 82192)	7160001	1.000	LSUM
2470	_ Modular Block Wall	8007010	150.000	Sft
2480	Slope Paving Header	8130015	392.000	Ft
2490	Slope Paving, Conc	8130020	256.000	Syd
2500	_ Railroad Track Monitoring	8507050	2.000	Ea
2510	_ Railroad Inspection and Flagging	8507060	80,000.000	Dlr
2520	_ Railroad Protection	8507060	30,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 191206 013

Letting Date: December 6, 2019

Contract ID: 41131-202669

Description: 1.17 mi of hot mix asphalt reconstruction and shared use path, concrete pavement, driveway, curb and gutter, aggregate base, drainage, signals, pavement markings, bridge reconstruction with 27 inch concrete box beams and approaches on 100th Street from west of South Kent Drive west to Division Avenue over US-131, Kent County. This project contains 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
202669A	1901239	N/A	NH 41131
207751A	1901171	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$776,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.740	Acre
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	11.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0070	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0080	Culv, End, Rem, Over 48 inch	2030007	1.000	Ea
0090	Dr Structure, Rem	2030011	5.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	276.000	Ft
0110	Curb and Gutter, Rem	2040020	1,507.000	Ft
0120	Fence, Rem	2040025	1,205.000	Ft
0130	Guardrail, Rem	2040035	4,498.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0150	Pavt, Rem	2040050	100.000	Syd
0160	Sidewalk, Rem	2040055	120.000	Syd
0170	Embankment, CIP	2050010	18,661.000	Cyd
0180	Excavation, Earth	2050016	48,914.000	Cyd
0190	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,105.000	Cyd
0200	Subgrade Undercutting, Type II	2050041	1,500.000	Cyd
0210	Aggregate, 6A	2060001	25.000	Cyd
0220	Erosion Control, Check Dam, Stone	2080012	600.000	Ft
0230	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea

0250	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0260	Erosion Control, Maintenance, Sediment Removal	2080026	65.000	Cyd
0270	Erosion Control, Sediment Basin	2080032	20.000	Cyd
0280	Erosion Control, Sediment Trap	2080034	49.000	Ea
0290	Erosion Control, Silt Fence	2080036	4,055.000	Ft
0300	Project Cleanup	2090001	1.000	LSUM
0310	Subbase, CIP	3010002	20,183.000	Cyd
0320	_ Aggregate Base, 4 inch, Modified	3027011	1,418.000	Syd
0330	_ Aggregate Base, 6 inch, Modified	3027011	44,047.000	Syd
0340	_ Aggregate Base, Modified	3027031	783.000	Ton
0350	Aggregate Surface Cse, 6 inch	3060010	26.000	Syd
0360	Shoulder, CI II, 6 inch, Temp	3070183	636.000	Syd
0370	_ Shoulder, CI II, 6 inch, Modified	3077011	3,782.000	Syd
0380	Culv End Sect, 12 inch	4010012	5.000	Ea
0390	Culv End Sect, 24 inch	4010024	1.000	Ea
0400	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0410	Culv End Sect, Conc, 24 inch	4010051	6.000	Ea
0420	Culv, CI A, 12 inch	4010131	10.000	Ft
0430	Culv, CI A, 24 inch	4010134	205.000	Ft
0440	Culv, CI A, Conc, 48 inch	4010172	16.000	Ft
0450	Culv, CI A, Conc, 60 inch	4010174	16.000	Ft
0460	Culv, CI F, 12 inch	4010607	86.000	Ft
0470	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	3.000	Ea
0480	Sewer, CI A, 12 inch, Tr Det B	4020033	181.000	Ft
0490	Sewer, CI A, 24 inch, Tr Det B	4020036	640.000	Ft
0500	Trench Undercut and Backfill	4021260	200.000	Cyd
0510	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0520	Dr Structure Cover, Type B	4030010	6.000	Ea
0530	Dr Structure Cover, Type C	4030015	2.000	Ea
0540	Dr Structure Cover, Type G	4030040	2.000	Ea
0550	Dr Structure Cover, Type K	4030050	4.000	Ea
0560	Dr Structure Cover, Type Q	4030065	2.000	Ea
0570	Dr Structure, 48 inch dia	4030210	10.000	Ea
0580	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0590	Underdrain, Bank, 6 inch	4040003	200.000	Ft
0600	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0610	Underdrain Outlet, 6 inch	4040093	2,050.000	Ft
0620	Underdrain, Outlet Ending, 6 inch	4040113	71.000	Ea
0630	_ Underdrain Outlet, 6 inch, Modified	4047001	60.000	Ft
0640	_ Underdrain, 6 inch, Modified	4047001	18,190.000	Ft
0650	_ Bypass Pumping	4067051	1.000	LSUM
0660	Cold Milling HMA Surface	5010002	11,158.000	Syd
0670	HMA Surface, Rem	5010005	37,885.000	Syd
0680	HMA Quality Initiative	5010007	35,184.000	Dlr
0690	Longitudinal Joint Density Quality Initiative	5010018	37,560.000	Dlr

0700	Pavt Joint and Crack Repr, Det 7	5010020	100.000	Ft
0710	Pavt Joint and Crack Repr, Det 8	5010021	100.000	Ft
0720	Hand Patching	5010025	20.000	Ton
0730	HMA, 3E3	5010045	6,257.000	Ton
0740	HMA, 4E3	5010051	643.000	Ton
0750	HMA, 4E30	5010053	2,468.000	Ton
0760	HMA Approach	5010061	1,131.000	Ton
0770	HMA, 4E3, High Stress	5010509	3,827.000	Ton
0780	HMA, 5E3, High Stress	5010515	2,971.000	Ton
0790	HMA, LVSP	5010703	265.000	Ton
0800	HMA, Temp Pavt (4E3)	5010805	1,490.000	Ton
0810	Joint, Expansion, E3	6020208	140.000	Ft
0820	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	359.000	Syd
0830	Conc, Grade S2	7060011	26.000	Cyd
0840	Reinforcement, Steel, Culv and Headwall	7060091	2,198.000	Lb
0850	_ Rub Rail	7097001	195.000	Ft
0860	_ Managed Field Ethernet Switch, Fiber Capable	8007050	2.000	Ea
0870	_ Roadside Unit, Intersection	8007050	2.000	Ea
0880	Driveway, Nonreinf Conc, 6 inch	8010005	88.000	Syd
0890	Curb and Gutter, Bridge Approach	8020010	91.000	Ft
0900	Curb and Gutter, Conc, Det B2	8020016	855.000	Ft
0910	Curb and Gutter, Conc, Det D2	8020031	502.000	Ft
0920	Curb and Gutter, Conc, Det F3	8020037	82.000	Ft
0930	Curb and Gutter, Conc, Det F4	8020038	1,350.000	Ft
0940	Driveway Opening, Conc, Det M	8020050	551.000	Ft
0950	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
0960	Spillway, Conc	8020075	114.000	Ft
0970	Detectable Warning Surface	8030010	75.000	Ft
0980	Shared use Path, Grading	8060030	450.000	Ft
0990	Guardrail, Type MGS-8	8070004	4,392.000	Ft
1000	Guardrail, Curved, Type B	8070010	125.000	Ft
1010	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
1020	Guardrail Anch, Bridge, Det T6	8070027	4.000	Ea
1030	Guardrail Approach Terminal, Type 3B	8070038	2.000	Ea
1040	Guardrail Approach Terminal, Type 2M	8070044	9.000	Ea
1050	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
1060	Guardrail Reflector	8070080	116.000	Ea
1070	Post, Mailbox	8070095	12.000	Ea
1080	Guardrail, Reconst, Type T	8070109	101.000	Ft
1090	Cable Barrier, High Tension, Salv	8070201	1,600.000	Ft
1100	Cable Barrier, High Tension, Reconst	8070202	1,600.000	Ft
1110	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	4.000	Ea
1120	Cable Barrier, High Tension, End Term Fdn	8070223	4.000	Ea
1130	Fence, Woven Wire with Wood Post	8080001	395.000	Ft
1140	_ Fence, Chain Link, 48 inch, Vinyl Coated	8087001	1,296.000	Ft

1150	_ Fence Gate, 24 foot, for 48 inch Chain Link Fence, Vinyl Coated	8087050	1.000	Ea
1160	_ Fence Gate, 30 foot, for 48 inch Chain Link Fence, Vinyl Coated	8087050	1.000	Ea
1170	Band, Sign	8100010	8.000	Ea
1180	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
1190	Delineator Reflector, Red	8100131	75.000	Ea
1200	Delineator Reflector, Yellow	8100132	20.000	Ea
1210	Delineator Reflector, Green	8100133	16.000	Ea
1220	Delineator Reflector, White	8100134	104.000	Ea
1230	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	10.000	Ea
1240	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	4.000	Ea
1250	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	20.000	Ea
1260	Fdn, Wood Support, Rem	8100280	22.000	Ea
1270	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
1280	Delineator, Rem	8100349	164.000	Ea
1290	Post, Flexible, Delineator	8100360	24.000	Ea
1300	Post, Rigid, Delineator	8100361	140.000	Ea
1310	Post, Steel, 3 lb	8100371	1,137.000	Ft
1320	Post, Wood, 4 inch by 6 inch	8100380	132.000	Ft
1330	Post, Wood, 6 inch by 8 inch	8100382	190.000	Ft
1340	Sign, Type I, Rem	8100391	4.000	Ea
1350	Sign, Type IA	8100392	182.000	Sft
1360	Sign, Type II, Rem	8100397	15.000	Ea
1370	Sign, Type IIA	8100398	231.000	Sft
1380	Sign, Type IIB	8100399	6.000	Sft
1390	Sign, Type III, Erect, Salv	8100402	11.000	Ea
1400	Sign, Type III, Rem	8100403	102.000	Ea
1410	Sign, Type IIIA	8100404	69.000	Sft
1420	Sign, Type IIIB	8100405	276.000	Sft
1430	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1440	Sign, Type VA	8100424	54.000	Sft
1450	Sign, Type VB	8100425	32.000	Sft
1460	Reflective Panel for Permanent Sign Support, 3 foot	8100613	20.000	Ea
1470	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
1480	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
1490	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
1500	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	355.000	Ft
1510	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	460.000	Ft
1520	Pavt Mrkg, Polyurea, 12 inch, Yellow	8110112	100.000	Ft
1530	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	185.000	Ft
1540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,975.000	Ft
1550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,325.000	Ft
1560	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,840.000	Ft

1570	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	10,760.000	Ft
1580	Pavt Mrkg, Waterborne, 12 inch, White	8110237	2,980.000	Ft
1590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	7,975.000	Ft
1600	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,325.000	Ft
1610	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	11,840.000	Ft
1620	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	10,760.000	Ft
1630	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	2,980.000	Ft
1640	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,020.000	Ft
1650	Rem Curing Compound, for Spec Mrkg	8110321	64.000	Sft
1660	Recessing Pavt Mrkg, Longit	8110450	27,660.000	Ft
1670	Recessing Pavt Mrkg, Transv	8110451	1,108.000	Sft
1680	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	35.000	Ea
1690	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	35.000	Ea
1700	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
1710	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
1720	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
1730	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
1740	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
1750	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
1760	Conc Barrier, Temp, Adj	8120080	760.000	Ft
1770	Conc Barrier, Temp, Furn	8120081	760.000	Ft
1780	Conc Barrier, Temp, Oper	8120082	760.000	Ft
1790	Delineator, Flexible, Temp, Furn	8120091	75.000	Ea
1800	Delineator, Flexible, Temp, Oper	8120092	75.000	Ea
1810	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1820	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1830	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1840	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1850	Ltg for Night Work	8120160	1.000	LSUM
1860	Minor Traf Devices	8120170	1.000	LSUM
1870	Mobile Attenuator	8120180	4.000	Ea
1880	Part Width Intersection Construction	8120190	2.000	Ea
1890	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	13,960.000	Ft
1900	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,000.000	Ft
1910	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,775.000	Ft
1920	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,590.000	Ft
1930	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	31,515.000	Ft
1940	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	21,715.000	Ft
1950	Plastic Drum, Fluorescent, Furn	8120252	440.000	Ea
1960	Plastic Drum, Fluorescent, Oper	8120253	440.000	Ea

1970	Sign Cover	8120310	50.000	Ea
1980	Sign Cover, Type 1	8120320	2.000	Ea
1990	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
2000	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
2010	Sign, Type A, Temp, Prismatic, Furn	8120340	500.000	Sft
2020	Sign, Type A, Temp, Prismatic, Oper	8120341	500.000	Sft
2030	Sign, Type B, Temp, Prismatic, Furn	8120350	3,000.000	Sft
2040	Sign, Type B, Temp, Prismatic, Oper	8120351	3,000.000	Sft
2050	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	482.000	Sft
2060	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	482.000	Sft
2070	Traf Regulator Control	8120370	1.000	LSUM
2080	Riprap, Plain	8130010	255.000	Syd
2090	Ditch, Plain Cobble	8140005	307.000	Syd
2100	Slope Restoration, Type A	8160100	9,000.000	Syd
2110	Slope Restoration, Type B	8160101	17,850.000	Syd
2120	Slope Restoration, Type C	8160102	2,050.000	Syd
2130	Conduit, DB, 1, 1 1/2 inch	8190027	120.000	Ft
2140	Conduit, DB, 2, 3 inch	8190032	15.000	Ft
2150	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
2160	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
2170	Hh, Polymer Conc	8190250	4.000	Ea
2180	Hh, Round, 3 foot dia	8190259	2.000	Ea
2190	Hh, Round	8190260	1.000	Ea
2200	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
2210	Wood Pole, Cl 4, 40 foot	8190473	6.000	Ea
2220	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
2230	Wood Pole, Rem	8190505	5.000	Ea
2240	_ Conduit, DB, 1, 1 inch	8197001	40.000	Ft
2250	Case Sign, Rem	8200020	1.000	Ea
2260	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
2270	Controller and Cabinet, Rem	8200030	2.000	Ea
2280	Controller Fdn, Base Mount	8200045	2.000	Ea
2290	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	2.000	Ea
2300	Pedestal, Alum	8200100	2.000	Ea
2310	Pedestal, Fdn	8200105	2.000	Ea
2320	Power Co. (Est. Cost to Contractor)	8200116	200.000	Dlr
2330	Pushbutton and Sign	8200121	2.000	Ea
2340	Serv Disconnect	8200135	2.000	Ea
2350	Serv Disconnect, Rem	8200136	2.000	Ea
2360	Span Wire	8200140	6.000	Ea
2370	Span Wire, Rem	8200141	2.000	Ea
2380	Span Wire Tether	8200142	6.000	Ea
2390	TS, Span Wire Mtd, Rem	8200182	4.000	Ea

2400	Cabinet, NEMA Type	8200186	2.000	Ea
2410	TS, One Way Span Wire Mtd (LED)	8200313	12.000	Ea
2420	TS, 4th Level, LTGA (LED)	8200329	2.000	Ea
2430	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
2440	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
2450	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
2460	Hemispherical Video Detection Camera	8200444	2.000	Ea
2470	Hemispherical Video Detection System	8200445	2.000	Ea
2480	TS Face, Bag	8200458	4.000	Ea
2490	TS Face, Bag, Rem	8200459	4.000	Ea
2500	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
2510	Strain Pole Fdn, 6 Bolt	8200470	30.000	Ft
2520	Casing	8200480	12.000	Ft
2530	Cellular Modem, TS, 4G	8200498	2.000	Ea
2540	Backplate, TS	8200501	12.000	Ea
2550	_ Controller, NEMA, ATC Type	8207050	2.000	Ea
2560	Hydrant, Relocate, Case 1	8230095	1.000	Ea
2570	Contractor Staking	8240001	1.000	LSUM
2580	Staking Plan Errors and Extras, One Person	8240020	65.000	Hr
2590	Staking Plan Errors and Extras, Two Person	8240021	26.000	Hr
2600	Staking Plan Errors and Extras, Three Person	8240022	39.000	Hr
2610	Lightning Protection, Pole	8260021	2.000	Ea

Section: 2

2620	Structures, Rem (S01 of 41131)	2040060	1.000	LSUM
2630	Backfill, Structure, CIP	2060002	9,340.000	Cyd
2640	Excavation, Fdn	2060010	5,860.000	Cyd
2650	Underdrain, Fdn, 6 inch	4040033	520.000	Ft
2660	_ Underdrain, Fdn, 6 inch, Modified	4047001	668.000	Ft
2670	Bridge Ltg, Furn and Rem (S01 of 41131)	7060001	1.000	LSUM
2680	Bridge Ltg, Oper and Maintain	7060002	493.000	Cyd
2690	Conc, Grade S2, Subfooting	7060012	105.000	Cyd
2700	Elec Grounding System	7060040	2.000	Ea
2710	Expansion Joint Device	7060050	173.000	Ft
2720	Expansion Joint Device, Cover Plate	7060051	28.000	Ft
2730	False Decking	7060060	14,309.000	Sft
2740	Reinforcement, Steel, Epoxy Coated	7060092	275,134.000	Lb
2750	Substructure Conc, High Performance	7060101	1,648.000	Cyd
2760	Superstructure Conc, Form, Finish, and Cure (S01 of 41131)	7060111	1.000	LSUM
2770	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 41131)	7060112	1.000	LSUM
2780	Superstructure Conc, High Performance	7060116	87.000	Cyd
2790	Superstructure Conc, Night Casting, High Performance	7060117	493.000	Cyd

2800	Wall Drain	7060130	61.000	Sft
2810	_ Simulated Stone Masonry	7067011	552.000	Syd
2820	Bearing, Elastomeric, 1 3/4 inch	7070015	13,860.000	Sin
2830	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,451.000	Lb
2840	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,451.000	Lb
2850	Prest Conc Box Beam, Furn, 27 inch	7080065	1,397.000	Ft
2860	Prest Conc Box Beam, Erect, 27 inch	7080066	1,397.000	Ft
2870	Joint Waterproofing	7100001	390.000	Sft
2880	Joint Waterproofing, Expansion	7100003	284.000	Sft
2890	Conc Surface Coating, Warranty (S01 of 41131)	7100009	1.000	LSUM
2900	Reflective Marker, Permanent Barrier	7110003	8.000	Ea
2910	Bridge Railing, Aesthetic, Type 4, Det 2, High Performance	7110051	345.000	Ft
2920	Fence, Structure	8080110	1,722.000	Sft



Schedule of Pay Items

Report v1

Letting Call: 191206 014

Letting Date: December 6, 2019

Contract ID: 28011-124027

Description: 2.48 mi of hot mix asphalt widening, concrete curb and gutter, culverts, drainage, water main, signing and pavement markings on US-31 from east of Sullivan Road to M-37, Grand Traverse County. This project includes one 3 year and one 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124027A	1901117	N/A	HSIP 28011
128971A	20A0031	N/A	HSIP 28011
131654A	20A0032	N/A	NH 28011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$393,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0060	Curb and Gutter, Rem	2040020	1,110.000	Ft
0070	Pavt, Rem	2040050	4,620.000	Syd
0080	Exploratory Investigation, Vertical	2040080	150.000	Ft
0090	Excavation, Earth	2050016	19,815.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	7,135.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0120	_ Embankment, CIP, Special	2057021	4,560.000	Cyd
0130	Obliterate Old Road	2070001	4.000	Sta
0140	Erosion Control, Check Dam, Stone	2080012	296.000	Ft
0150	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0160	Erosion Control, Maintenance, Sediment Removal	2080026	45.000	Cyd
0170	Erosion Control, Sediment Basin	2080032	35.000	Cyd
0180	Erosion Control, Sediment Trap	2080034	24.000	Ea
0190	Erosion Control, Silt Fence	2080036	3,295.000	Ft
0200	_ Straw Wattle	2087001	575.000	Ft
0210	Subbase, CIP	3010002	8,790.000	Cyd
0220	Aggregate Base	3020001	14,641.000	Ton
0230	Approach, CI I	3070001	1,935.000	Ton
0240	Approach, CI II	3070021	25.000	Ton
0250	Shoulder, CI II	3070121	1,045.000	Ton

0260	Culv End Sect, 15 inch	4010015	2.000	Ea
0270	Culv End Sect, 18 inch	4010018	4.000	Ea
0280	Culv, CI A, 18 inch	4010133	48.000	Ft
0290	Culv, CI E, 18 inch	4010541	96.000	Ft
0300	Culv, CI F, 15 inch	4010608	32.000	Ft
0310	Culv, Reinf Conc Ellip, HE CI IV, 48 inch by 76 inch	4010908	176.000	Ft
0320	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 48 inch by 76 inch, Transv	4011068	2.000	Ea
0330	Dr Marker Post	4011109	14.000	Ea
0340	Steel Casing Pipe, 24 inch, Tr Det G	4011136	50.000	Ft
0350	Steel Casing Pipe, 36 inch, Jacked in Place	4011160	54.000	Ft
0360	_ Culv Bedding	4017021	133.000	Cyd
0370	Trench Undercut and Backfill	4021260	90.000	Cyd
0380	Video Taping Sewer and Culv Pipe	4021275	320.000	Ft
0390	_ Sewer, DI CL 50, 14 inch, Tr Det A2	4027001	8.000	Ft
0400	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0410	Underdrain, Subbase, 6 inch	4040063	763.000	Ft
0420	Underdrain, Subgrade, 6 inch	4040073	600.000	Ft
0430	Underdrain Outlet, 6 inch	4040093	110.000	Ft
0440	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
0450	Cold Milling HMA Surface	5010002	39,065.000	Syd
0460	Bump Grinding	5010004	125.000	Syd
0470	HMA Surface, Rem	5010005	28,360.000	Syd
0480	HMA Quality Initiative	5010007	37,356.000	Dlr
0490	Longitudinal Joint Density Quality Initiative	5010018	89,177.000	Dlr
0500	Hand Patching	5010025	62.000	Ton
0510	HMA, 3E3	5010045	5,085.000	Ton
0520	HMA, 4E3	5010051	11,920.000	Ton
0530	HMA Approach	5010061	1,611.000	Ton
0540	HMA, Temp Pavt (3E3)	5010804	775.000	Ton
0550	_ High Performance Biaxial Geogrid	7007011	3,670.000	Syd
0560	Conc, Grade S2	7060011	1.000	Cyd
0570	Reinforcement, Steel, Culv and Headwall	7060091	38.000	Lb
0580	Curb and Gutter, Conc, Det B2	8020016	1,591.000	Ft
0590	Curb Sloped, HMA	8050010	1,577.000	Ft
0600	Post, Mailbox	8070095	15.000	Ea
0610	Delineator Reflector, Green	8100133	14.000	Ea
0620	Delineator Reflector, White	8100134	224.000	Ea
0630	Fdn, Wood Support, Rem	8100280	15.000	Ea
0640	Delineator, Rem	8100349	60.000	Ea
0650	Post, Rigid, Delineator	8100361	126.000	Ea
0660	Post, Steel, 3 lb	8100371	1,316.000	Ft
0670	Post, Wood, 4 inch by 6 inch	8100380	226.000	Ft
0680	Post, Wood, 6 inch by 8 inch	8100382	56.000	Ft
0690	Sign, Type II, Rem	8100397	11.000	Ea

0700	Sign, Type IIA	8100398	171.000	Sft
0710	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0720	Sign, Type III, Rem	8100403	68.000	Ea
0730	Sign, Type IIIA	8100404	183.000	Sft
0740	Sign, Type IIIB	8100405	188.000	Sft
0750	Sign, Type V, Rem	8100421	3.000	Ea
0760	Sign, Type VB	8100425	16.000	Sft
0770	Reflective Panel for Permanent Sign Support, 6 foot	8100616	44.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0810	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	106.000	Ft
0820	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	488.000	Ft
0830	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	31,442.000	Ft
0840	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	29,306.000	Ft
0850	Pavt Mrkg, Waterborne, 4 inch, White	8110231	488.000	Ft
0860	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	31,442.000	Ft
0870	Pavt Mrkg, Waterborne, 6 inch, White	8110233	29,306.000	Ft
0880	Rem Spec Mrkg	8110343	300.000	Sft
0890	Recessing Pavt Mrkg, Longit	8110450	61,236.000	Ft
0900	Recessing Pavt Mrkg, Transv	8110451	368.000	Sft
0910	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0920	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0930	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	60.000	Ea
0940	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	60.000	Ea
0950	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	1.000	Ea
0960	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0970	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0980	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	1.000	Ea
0990	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
1000	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
1010	Conc Barrier, Temp, Adj	8120080	2,310.000	Ft
1020	Conc Barrier, Temp, Furn	8120081	2,310.000	Ft
1030	Conc Barrier, Temp, Oper	8120082	2,310.000	Ft
1040	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1050	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1060	Minor Traf Devices	8120170	1.000	LSUM
1070	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	32,800.000	Ft
1080	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	31,530.000	Ft
1090	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	31,130.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	8,770.000	Ft
1110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,810.000	Ft
1120	Plastic Drum, Fluorescent, Furn	8120252	180.000	Ea

1130	Plastic Drum, Fluorescent, Oper	8120253	180.000	Ea
1140	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
1150	Pavt Mrkg, Wet Reflective, Type R, Tape, Turn Arrow	8120259	1.000	Ea
1160	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	140.000	Ft
1170	Sign Cover	8120310	10.000	Ea
1180	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1190	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1200	Sign, Type B, Temp, Prismatic, Furn	8120350	1,278.000	Sft
1210	Sign, Type B, Temp, Prismatic, Oper	8120351	1,278.000	Sft
1220	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	96.000	Sft
1230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	96.000	Sft
1240	Traf Regulator Control	8120370	1.000	LSUM
1250	_ Delineator, Flexible, Temp, Furn	8127050	256.000	Ea
1260	_ Delineator, Flexible, Temp, Oper	8127050	256.000	Ea
1270	Riprap, Plain	8130010	151.000	Syd
1280	Paved Ditch, HMA	8140010	30.000	Syd
1290	Fertilizer, Chemical Nutrient, CI A	8160020	2,026.000	Lb
1300	Mulch	8160025	22,432.000	Syd
1310	Mulch Anchoring	8160026	27,414.000	Syd
1320	Seeding, Mixture TDS	8160037	2,533.000	Lb
1330	Topsoil Surface, Furn, 3 inch	8160061	55,722.000	Syd
1340	_ Mulch Blanket, Modified	8167011	33,290.000	Syd
1350	Conduit, Rem	8190140	125.000	Ft
1360	Hh, Adj	8190244	3.000	Ea
1370	Hh, Rem	8190254	1.000	Ea
1380	Wood Pole, Rem	8190505	1.000	Ea
1390	Controller and Cabinet, Rem	8200030	1.000	Ea
1400	Serv Disconnect, Rem	8200136	1.000	Ea
1410	TS Face, Bag	8200458	2.000	Ea
1420	TS Face, Bag, Rem	8200459	2.000	Ea
1430	Monument Box	8210001	5.000	Ea
1440	Monument Preservation	8210010	22.000	Ea
1450	Protect Corners	8210020	32.000	Ea
1460	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	18,200.000	Ft
1470	Fire Hydrant	8230040	4.000	Ea
1480	Gate Valve and Box, 6 inch	8230051	3.000	Ea
1490	Gate Valve and Box, 12 inch	8230054	7.000	Ea
1500	Hydrant, Rem	8230091	3.000	Ea
1510	Hydrant, Relocate, Case 1	8230095	5.000	Ea
1520	Hydrant, Relocate, Case 2	8230096	8.000	Ea
1530	Water Serv	8230240	2.000	Ea
1540	Water Serv, Long	8230245	4.000	Ea
1550	Water Serv, Conflict	8230250	6.000	Ea

1560	Gate Box, Adj, Temp, Case 2	8230392	6.000	Ea
1570	Water Shutoff, Reconst, Case 2	8230402	3.000	Ea
1580	Gate Box, Reconst, Case 2	8230412	6.000	Ea
1590	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
1600	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
1610	Gate Box, Adj, Case 1	8230431	3.000	Ea
1620	Gate Box, Adj, Case 2	8230432	15.000	Ea
1630	_ Water Main, PVC, 12 inch	8237001	50.000	Ft
1640	_ Water Main, PVC, 12 inch, Tr Det F	8237001	938.000	Ft
1650	_ Water Main, PVC, 6 inch, Tr Det F	8237001	11.000	Ft
1660	_ Water Main, PVC, 6 inch, Tr Det G	8237001	6.000	Ft
1670	_ Insulation Board, 2 inch	8237010	1,980.000	Sft
1680	Contractor Staking, Road Only	8240007	1.000	LSUM
1690	Staking Plan Errors and Extras, One Person	8240020	31.000	Hr
1700	Staking Plan Errors and Extras, Two Person	8240021	13.000	Hr
1710	Staking Plan Errors and Extras, Three Person	8240022	19.000	Hr
1720	Flowable Fill, Non-Structural	8260148	20.000	Cyd
1730	_ Railroad Protection, at Grade Crossing	8507060	20,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 191206 015

Letting Date: December 6, 2019

Contract ID: 59032-125967

Description: 3.82 mi of hot mix asphalt cold milling and resurfacing, replace the northbound right turn at Peck Road with an offset right turn lane, extend the center left turn lane from Peck Road to the north and construct center left turn lanes at Colby Road on M-91 from Peck Road to Colby Road, Montcalm County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125967A	1901107	N/A	ST 59032
127038A	20A0014	N/A	HSIP 59032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$368,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Dr Structure, Rem	2030011	1.000	Ea
0060	Curb and Gutter, Rem	2040020	536.000	Ft
0070	Pavt, Rem	2040050	3,215.000	Syd
0080	Ditch Cleanout	2050006	7.000	Sta
0090	Embankment, CIP	2050010	1,291.000	Cyd
0100	Excavation, Earth	2050016	17,975.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0130	_ Berm Grading	2057002	20.000	Sta
0140	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0180	Erosion Control, Silt Fence	2080036	100.000	Ft
0190	Subbase, CIP	3010002	9,669.000	Cyd
0200	Aggregate Base, 6 inch	3020016	28,419.000	Syd
0210	Approach, CI II, 6 inch	3070028	1,054.000	Syd
0220	Shoulder, CI II	3070121	2,838.000	Ton
0230	Culv End Sect, 12 inch	4010012	9.000	Ea
0240	Culv, CI F, 12 inch	4010607	100.000	Ft
0250	Dr Marker Post	4011109	12.000	Ea

0260	Sewer, CI E, 12 inch, Tr Det B	4020600	927.000	Ft
0270	Sewer, CI E, 15 inch, Tr Det B	4020601	2.000	Ft
0280	Sewer, CI E, 12 inch, Tr Det D	4020660	282.000	Ft
0290	Video Taping Sewer and Culv Pipe	4021275	1,250.000	Ft
0300	Dr Structure Cover, Type B	4030010	1.000	Ea
0310	Dr Structure Cover, Type C	4030015	3.000	Ea
0320	Dr Structure Cover, Type G	4030040	1.000	Ea
0330	Dr Structure Cover, Type J	4030045	5.000	Ea
0340	Dr Structure, 48 inch dia	4030210	10.000	Ea
0350	Dr Structure, Tap, 6 inch	4030306	3.000	Ea
0360	Underdrain, Subbase, 6 inch	4040063	5,815.000	Ft
0370	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0380	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0390	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0400	Cold Milling HMA Surface	5010002	6,553.000	Syd
0410	HMA Surface, Rem	5010005	69,655.000	Syd
0420	HMA Quality Initiative	5010007	49,022.000	Dir
0430	Longitudinal Joint Density Quality Initiative	5010018	120,384.000	Dir
0440	Pavt Joint and Crack Repr, Det 7	5010020	2,232.000	Ft
0450	Pavt Joint and Crack Repr, Det 8	5010021	2,232.000	Ft
0460	Hand Patching	5010025	447.000	Ton
0470	HMA, 4E3	5010051	17,624.000	Ton
0480	HMA, 5E3	5010057	5,562.000	Ton
0490	HMA Approach	5010061	878.000	Ton
0500	Cold Milling Conc Pavt	6030014	425.000	Syd
0510	Driveway, Nonreinf Conc, 6 inch	8010005	184.000	Syd
0520	Curb, Conc, Det E2	8020002	100.000	Ft
0530	Curb and Gutter, Conc, Det B2	8020016	1,265.000	Ft
0540	Driveway Opening, Conc, Det M	8020050	612.000	Ft
0550	Sidewalk, Conc, 4 inch	8030044	700.000	Sft
0560	Curb Sloped, HMA	8050010	7,649.000	Ft
0570	Guardrail, Type MGS-8	8070004	1,213.000	Ft
0580	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0590	Guardrail, Salv	8070075	1,185.000	Ft
0600	Guardrail Reflector	8070080	57.000	Ea
0610	Post, Mailbox	8070095	50.000	Ea
0620	Fdn, Wood Support, Rem	8100280	14.000	Ea
0630	Post, Steel, 3 lb	8100371	1,119.000	Ft
0640	Post, Wood, 4 inch by 6 inch	8100380	404.000	Ft
0650	Post, Wood, 6 inch by 8 inch	8100382	36.000	Ft
0660	Sign, Type II, Erect, Salv	8100396	19.000	Ea
0670	Sign, Type II, Rem	8100397	19.000	Ea
0680	Sign, Type III, Erect, Salv	8100402	46.000	Ea
0690	Sign, Type III, Rem	8100403	47.000	Ea
0700	Sign, Type IIIB	8100405	25.000	Sft

0710	Sign, Type V, Rem	8100421	12.000	Ea
0720	Sign, Type V, Erect, Salv	8100422	12.000	Ea
0730	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0740	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	150.000	Ft
0750	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0760	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0770	Pavt Mrkg, Waterborne, 4 inch, White	8110231	380.000	Ft
0780	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,525.000	Ft
0790	Pavt Mrkg, Waterborne, 6 inch, White	8110233	43,965.000	Ft
0800	Pavt Mrkg, Waterborne, 12 inch, White	8110237	80.000	Ft
0810	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	380.000	Ft
0820	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	19,525.000	Ft
0830	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	43,965.000	Ft
0840	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	80.000	Ft
0850	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0860	Recessing Pavt Mrkg, Longit	8110450	63,950.000	Ft
0870	Recessing Pavt Mrkg, Transv	8110451	528.000	Sft
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0900	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0910	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0920	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0930	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0940	Minor Traf Devices	8120170	1.000	LSUM
0950	Mobile Attenuator	8120180	1.000	Ea
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,400.000	Ft
0970	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0980	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea
0990	Sign Cover	8120310	15.000	Ea
1000	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1010	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1020	Sign, Type A, Temp, Prismatic, Furn	8120340	103.000	Sft
1030	Sign, Type A, Temp, Prismatic, Oper	8120341	103.000	Sft
1040	Sign, Type B, Temp, Prismatic, Furn	8120350	2,256.000	Sft
1050	Sign, Type B, Temp, Prismatic, Oper	8120351	2,256.000	Sft
1060	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	205.000	Sft
1070	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	205.000	Sft
1080	Traf Regulator Control	8120370	1.000	LSUM
1090	_ Temp Rumble Strips (Orange), Stop Condition	8127001	1,980.000	Ft
1100	_ Driveway Maintenance	8127050	10.000	Ea
1110	Riprap, Plain	8130010	35.000	Syd

1120	_ HMA Spillway	8147011	63.000	Syd
1130	Site Preparation, Max \$300.00	8150001	1.000	LSUM
1140	Watering and Cultivating, First Season, Min \$200.00	8150002	1.000	LSUM
1150	Watering and Cultivating, Second Season, Min \$200.00	8150003	1.000	LSUM
1160	Acer rubrum Red Sunset, 2 inch	8150145	3.000	Ea
1170	_ Turf Establishment, Performance	8167011	27,000.000	Syd
1180	Monument Box Adjust	8210005	6.000	Ea
1190	Monument Preservation	8210010	6.000	Ea
1200	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	39,000.000	Ft
1210	Contractor Staking, Road Only	8240007	1.000	LSUM
1220	Staking Plan Errors and Extras, One Person	8240020	30.000	Hr
1230	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr
1240	Staking Plan Errors and Extras, Three Person	8240022	18.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 016

Letting Date: December 6, 2019

Contract ID: 47013-130028

Description: 0.51 mi of new construction of concrete noise barrier wall, sewer, drainage, drilled shaft, temporary casting-left-in-place and slope restoration along US-23 from north of 8 Mile Road to south of M-36, Livingston County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130028A	1901177	N/A	NH 47013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$338,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.140	Acre
0030	Fence, Rem	2040025	2,620.000	Ft
0040	Embankment, CIP	2050010	1,602.000	Cyd
0050	Excavation, Earth	2050016	693.000	Cyd
0060	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0080	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	Culv End Sect, 18 inch	4010018	3.000	Ea
0110	Dr Marker Post	4011109	3.000	Ea
0120	Sewer, Cl A, 18 inch, Tr Det A	4020006	180.000	Ft
0130	Dr Structure Cover, Type E	4030035	1.000	Ea
0140	Dr Structure, 48 inch dia	4030210	1.000	Ea
0150	Guardrail, Reconst, Type T	8070109	185.000	Ft
0160	Fence, Woven Wire with Steel Post	8080002	20.000	Ft
0170	Fence, Temp	8080004	2,600.000	Ft
0180	_ Fence, Special	8087001	36.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0210	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0220	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0230	Conc Barrier, Temp, Furn	8120081	3,110.000	Ft
0240	Conc Barrier, Temp, Oper	8120082	3,110.000	Ft
0250	High Intensity Light, Type B, Furn	8120110	6.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	3.000	Ea

0270	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0280	Lighted Arrow, Type C, Standby	8120142	3.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Mobile Attenuator	8120180	1.000	Ea
0310	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0320	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0330	Sign Cover	8120310	8.000	Ea
0340	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0350	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0400	Site Preparation, Max \$7,580.00	8150001	1.000	LSUM
0410	Watering and Cultivating, First Season, Min \$4,290.00	8150002	1.000	LSUM
0420	Watering and Cultivating, Second Season, Min \$5,300.00	8150003	1.000	LSUM
0430	Abies concolor, 5 foot	8150029	15.000	Ea
0440	Acer saccharum, 1 1/2 inch	8150190	15.000	Ea
0450	Ostrya virginiana, 1 1/2 inch	8152526	15.000	Ea
0460	Picea omorika, 5 foot	8152787	15.000	Ea
0470	Thuja occidentalis Emerald, 5 foot	8153810	40.000	Ea
0480	_ Horticultural Work	8157040	120.000	Hr
0490	Slope Restoration, Type A	8160100	20,000.000	Syd
0500	Slope Restoration, Type B	8160101	3,000.000	Syd
0510	Slope Restoration, Type C	8160102	2,000.000	Syd
0520	Protect Corners	8210020	12.000	Ea
0530	Contractor Staking	8240001	1.000	LSUM
0540	Staking Plan Errors and Extras, One Person	8240020	28.000	Hr
0550	Staking Plan Errors and Extras, Two Person	8240021	11.000	Hr
0560	Staking Plan Errors and Extras, Three Person	8240022	17.000	Hr

Section: 2

0570	_ Noise Barrier Wall, Precast Conc, Erect	7067010	36,800.000	Sft
0580	_ Noise Barrier Wall, Precast Conc, Furn	7067010	36,800.000	Sft
0590	_ Conc Stone Stain	7067011	6,979.000	Syd
0600	Conc Surface Coating, Warranty (SW01 of 47013)	7100009	1.000	LSUM
0610	Substructure Horizontal Surface Sealer (SW01 of 47013)	7100030	265.000	Syd
0620	Drilled Shaft Equipment, Furnished	7180010	1.000	LSUM
0630	Drilled Shaft, 36 inch	7180036	2,619.000	Ft
0640	Obstruction Removal	7180100	20,000.000	Dlr
0650	Temp Casing-Left in Place	7180121	2,619.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 191206 017

Letting Date: December 6, 2019

Contract ID: 13093-127025

Description: 4.04 mi of road rehabilitation including hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, culverts and pavement markings on M-199 from 27 Mile Road to I-94, from 25 1/2 Mile Road to I-94BL (Superior Street) and 28 Mile Road at I-94 in the northwest quadrant on C-Drive N in the city of Albion, 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
127025A	20A0051	N/A	ST 13093
200711A	N/A	N/A	M 13093
201992A	20A0052	N/A	ST 13043

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$185,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.300	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0070	Culv, End, Rem, 24 inch to 48 inch	2030006	3.000	Ea
0080	Sewer, Rem, 24 inch to 48 inch	2030016	8.000	Ft
0090	Curb and Gutter, Rem	2040020	764.000	Ft
0100	Fence, Rem	2040025	330.000	Ft
0110	Pavt, Rem	2040050	8.000	Syd
0120	Sidewalk, Rem	2040055	509.000	Syd
0130	Backfill, Swamp	2050001	50.000	Cyd
0140	Ditch Cleanout	2050006	4.000	Sta
0150	Embankment, CIP	2050010	74.000	Cyd
0160	Excavation, Earth	2050016	523.000	Cyd
0170	Excavation, Peat	2050017	50.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	54.000	Ea
0200	Erosion Control, Sediment Trap	2080034	10.000	Ea
0210	Erosion Control, Silt Fence	2080036	656.000	Ft
0220	_ Permeable Runoff Structure	2087001	120.000	Ft
0230	Project Cleanup	2090001	1.000	LSUM

0240	Subbase, CIP	3010002	417.000	Cyd
0250	Aggregate Base, 3 inch	3020008	285.000	Syd
0260	Aggregate Base, 6 inch	3020016	749.000	Syd
0270	Maintenance Gravel	3060020	100.000	Ton
0280	Approach, CI II	3070021	19.000	Ton
0290	Shoulder, CI II	3070121	431.000	Ton
0300	Shoulder, CI II, 4 inch	3070126	4,945.000	Syd
0310	Trenching	3070200	173.000	Sta
0320	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0330	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0340	Culv End Sect, Metal, 18 inch	4010096	2.000	Ea
0350	Culv, CI E, 18 inch	4010541	60.000	Ft
0360	Culv, CI E, 24 inch	4010542	60.000	Ft
0370	Culv, CI E, Conc, 24 inch	4010576	8.000	Ft
0380	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	5.000	Ea
0390	Dr Marker Post	4011109	13.000	Ea
0400	_ Culvert Cleanout	4017001	431.000	Ft
0410	Video Taping Sewer and Culv Pipe	4021275	400.000	Ft
0420	Dr Structure Cover, Adj, Case 1, Modified	4030004	37.000	Ea
0430	Dr Structure, Cleaning	4030290	3.000	Ea
0440	Pavt, Cleaning	5010001	1.000	LSUM
0450	Cold Milling HMA Surface	5010002	68,205.000	Syd
0460	Bump Grinding	5010004	325.000	Syd
0470	HMA Surface, Rem	5010005	2,839.000	Syd
0480	HMA Quality Initiative	5010007	23,048.000	Dlr
0490	Pavt for Butt Joints, Rem	5010008	435.000	Syd
0500	Edge Trimming	5010009	400.000	Ft
0510	Longitudinal Joint Density Quality Initiative	5010018	36,160.000	Dlr
0520	Hand Patching	5010025	64.000	Ton
0530	HMA Approach	5010061	1,454.000	Ton
0540	HMA, LVSP	5010703	10,715.000	Ton
0550	_ Ride Incentive	5017060	32,400.000	Dlr
0560	Curb and Gutter, Conc, Det F4	8020038	100.000	Ft
0570	Detectable Warning Surface	8030010	259.000	Ft
0580	Curb Ramp Opening, Conc	8030030	664.000	Ft
0590	Sidewalk Ramp, Conc, 6 inch	8030036	3,479.000	Sft
0600	Sidewalk, Conc, 4 inch	8030044	1,765.000	Sft
0610	Sidewalk, Conc, 6 inch	8030046	236.000	Sft
0620	Post, Mailbox	8070095	50.000	Ea
0630	Delineator Reflector, White	8100134	10.000	Ea
0640	Fdn, Wood Support, Rem	8100280	15.000	Ea
0650	Installing MDOT Supplied Sign, Type III	8100302	4.000	Ea
0660	Post, Rigid, Delineator	8100361	10.000	Ea
0670	Post, Steel, 3 lb	8100371	2,993.000	Ft
0680	Post, Wood, 4 inch by 6 inch	8100380	394.000	Ft

0690	Post, Wood, 6 inch by 8 inch	8100382	108.000	Ft
0700	Sign, Type II, Rem	8100397	28.000	Ea
0710	Sign, Type IIA	8100398	221.000	Sft
0720	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0730	Sign, Type III, Rem	8100403	260.000	Ea
0740	Sign, Type IIIA	8100404	329.000	Sft
0750	Sign, Type IIIB	8100405	633.000	Sft
0760	Sign, Type VA	8100424	12.000	Sft
0770	Sign, Type VB	8100425	105.000	Sft
0780	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0790	Reflective Panel for Permanent Sign Support, 6 foot	8100616	68.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	962.000	Ft
0810	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	74.000	Ft
0820	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	286.000	Ft
0830	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	23.000	Ea
0840	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0850	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
0860	Pavt Mrkg, Polyurea, 4 inch, White	8110091	465.000	Ft
0870	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	10,199.000	Ft
0880	Pavt Mrkg, Polyurea, 6 inch, White	8110094	11,968.000	Ft
0890	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0900	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,083.000	Ft
0910	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	27,733.000	Ft
0920	Pavt Mrkg, Waterborne, 6 inch, White	8110233	29,408.000	Ft
0930	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,083.000	Ft
0940	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	27,733.000	Ft
0950	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	29,408.000	Ft
0960	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	320.000	Ft
0970	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,220.000	Ft
0980	Rem Spec Mrkg	8110343	4.000	Sft
0990	Recessing Pavt Mrkg, Longit	8110450	22,632.000	Ft
1000	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
1010	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
1020	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
1030	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
1040	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
1050	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	303.000	Ea
1060	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	275.000	Ea
1070	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1080	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1090	Minor Traf Devices	8120170	1.000	LSUM

1100	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,500.000	Ft
1110	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	500.000	Ft
1120	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	250.000	Ft
1130	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	7.000	Ea
1140	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	3.000	Ea
1150	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	12,800.000	Ft
1160	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	82,600.000	Ft
1170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,710.000	Ft
1180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	17,600.000	Ft
1190	Plastic Drum, Fluorescent, Furn	8120252	226.000	Ea
1200	Plastic Drum, Fluorescent, Oper	8120253	206.000	Ea
1210	Sign Cover	8120310	12.000	Ea
1220	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
1230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
1240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,370.000	Sft
1250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,245.000	Sft
1260	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	10.000	Sft
1270	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	10.000	Sft
1280	Traf Regulator Control	8120370	1.000	LSUM
1290	Riprap, Plain	8130010	88.000	Syd
1300	Fertilizer, Chemical Nutrient, CI B	8160021	485.000	Lb
1310	Mulch Blanket	8160027	19,350.000	Syd
1320	Seeding, Mixture THV	8160040	885.000	Lb
1330	Topsoil Surface, Furn, LM	8160071	2,150.000	Cyd
1340	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	3.000	Ea
1350	Traf Loop	8200170	6.000	Ea
1360	Centerline Corrugations, Milled, HMA	8220013	14,030.000	Ft
1370	Gate Box, Adj, Case 1	8230431	2.000	Ea
1380	Contractor Staking, Road Only	8240007	1.000	LSUM
1390	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
1400	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
1410	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr
1420	_ Railroad Protection at Grade Crossing	8507060	5,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 191206 018

Letting Date: December 6, 2019

Contract ID: 34044-204937

Description: 0.48 mi of construction of a bypass lane including weigh-in-motion scale, lane designation signal, concrete curb and gutter, sidewalk, culverts, drainage and pavement markings on I-96 westbound east of M-66, Ionia County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204937A	N/A	N/A	MX 34044

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$160,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	55.000	Ft
0050	Pavt, Rem	2040050	3,250.000	Syd
0060	Embankment, CIP	2050010	1,910.000	Cyd
0070	Excavation, Earth	2050016	12,830.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	350.000	Cyd
0090	Obliterate Old Road	2070001	1.000	Sta
0100	Erosion Control, Check Dam, Stone	2080012	104.000	Ft
0110	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0120	Erosion Control, Sediment Trap	2080034	16.000	Ea
0130	Erosion Control, Silt Fence	2080036	272.000	Ft
0140	Subbase, CIP	3010002	5,010.000	Cyd
0150	Open-Graded Dr Cse, 6 inch	3030006	9,780.000	Syd
0160	_ Shoulder, CI II, 6 inch, Modified	3077011	875.000	Syd
0170	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0180	Culv, CI A, 24 inch	4010134	88.000	Ft
0190	Culv, CI E, 24 inch	4010542	176.000	Ft
0200	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	6.000	Ea
0210	Dr Marker Post	4011109	8.000	Ea
0220	Underdrain, Subbase, 6 inch	4040063	2,600.000	Ft
0230	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0240	Underdrain Outlet, 6 inch	4040093	310.000	Ft
0250	Underdrain, Outlet Ending, 6 inch	4040113	12.000	Ea
0260	HMA Surface, Rem	5010005	1,930.000	Syd
0270	Hand Patching	5010025	10.000	Ton

0280	Joint, Contraction, Cp	6020200	3,170.000	Ft
0290	Joint, Contraction, C3p	6020201	2,580.000	Ft
0300	Joint, Expansion, E2	6020207	64.000	Ft
0310	Joint, Expansion, E3	6020208	60.000	Ft
0320	Conc Quality Initiative	6020401	4,912.000	Dlr
0330	Conc Pavt, Misc, Nonreinf, 10 1/2 inch, High Performance	6020517	5,690.000	Syd
0340	Shoulder, Nonreinf Conc, High Performance	6020524	2,230.000	Syd
0350	Joint, Contraction, Crg	6030020	30.000	Ft
0360	Joint, Expansion, Erg	6030021	110.000	Ft
0370	Lane Tie, Epoxy Anchored	6030030	490.000	Ea
0380	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	560.000	Syd
0390	_ Weigh-In-Motion Truck Scale Equipment	8007050	1.000	Ea
0400	Divider, Nonreinf Conc, Type 1	8020066	4,381.000	Sft
0410	_ Curb and Gutter, Conc, Det B3, Modified	8027001	260.000	Ft
0420	_ Curb and Gutter, Conc, Det E1, Modified	8027001	280.000	Ft
0430	Sidewalk, Conc, 6 inch	8030046	1,090.000	Sft
0440	Delineator Reflector, Red	8100131	8.000	Ea
0450	Delineator Reflector, Yellow	8100132	15.000	Ea
0460	Delineator Reflector, Green	8100133	20.000	Ea
0470	Delineator Reflector, White	8100134	15.000	Ea
0480	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	1.000	Ea
0490	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	5.000	Ea
0500	Fdn, Wood Support, Rem	8100280	2.000	Ea
0510	Delineator, Rem	8100349	40.000	Ea
0520	Post, Flexible, Delineator	8100360	6.000	Ea
0530	Post, Rigid, Delineator	8100361	50.000	Ea
0540	Post, Steel, 3 lb	8100371	294.000	Ft
0550	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0560	Sign, Type II, Erect, Salv	8100396	4.000	Ea
0570	Sign, Type II, Rem	8100397	6.000	Ea
0580	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0590	Sign, Type III, Rem	8100403	9.000	Ea
0600	Sign, Type V, Rem	8100421	4.000	Ea
0610	Sign, Type V, Erect, Salv	8100422	2.000	Ea
0620	Mast Arm Pole, Cat I	8100510	1.000	Ea
0630	Mast Arm, 20 foot, Cat I	8100520	1.000	Ea
0640	Mast Arm Pole Fdn, 6 Bolt	8100550	13.000	Ft
0650	_ Sign, Changeable Message, Variable Speed Limit	8107050	3.000	Ea
0660	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,470.000	Ft
0670	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,530.000	Ft
0680	Pavt Mrkg, Waterborne, 12 inch, White	8110237	15.000	Ft
0690	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,470.000	Ft
0700	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	2,530.000	Ft

0710	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	15.000	Ft
0720	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	7,000.000	Ft
0730	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	15.000	Ft
0740	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0750	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0760	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0770	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0800	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0810	Sign Cover	8120310	5.000	Ea
0820	Sign Cover, Type 1	8120320	1.000	Ea
0830	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0840	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0850	Riprap, Plain	8130010	9.000	Syd
0860	Slope Restoration, Type A	8160100	9,880.000	Syd
0870	Slope Restoration, Type B	8160101	3,295.000	Syd
0880	Conduit, DB, 1, 2 1/2 inch	8190028	25.000	Ft
0890	DB Cable, in Conduit, 600V, 1/C#10	8190213	300.000	Ft
0900	Cable, Equipment Grounding Wire, 1/C#10	8190238	100.000	Ft
0910	Hh, Adj	8190244	2.000	Ea
0920	Hh, Polymer Conc	8190250	2.000	Ea
0930	Hh, Round, 3 foot dia	8190259	10.000	Ea
0940	Hh, Round	8190260	7.000	Ea
0950	Light Std Fdn	8190279	1.000	Ea
0960	Light Std Fdn, Rem	8190280	1.000	Ea
0970	Luminaire, Install Salv	8190350	1.000	Ea
0980	Luminaire, Rem and Salv	8190365	1.000	Ea
0990	_ Scale Controls, Type A	8197001	1,015.000	Ft
1000	_ Scale Controls, Type AA	8197001	355.000	Ft
1010	_ Scale Controls, Type AC	8197001	1,016.000	Ft
1020	_ Scale Controls, Type B	8197001	684.000	Ft
1030	_ Scale Controls, Type C	8197001	46.000	Ft
1040	_ Scale Controls, Type H	8197001	547.000	Ft
1050	_ Scale Controls, Type K	8197001	30.000	Ft
1060	_ Scale Controls, Type M	8197001	995.000	Ft
1070	_ Scale Controls, Type N	8197001	640.000	Ft
1080	_ Scale Controls, Type O	8197001	60.000	Ft
1090	_ Scale Controls, Type T	8197001	65.000	Ft
1100	_ Scale Controls, Type X	8197001	50.000	Ft
1110	_ Scale Controls, Type Z	8197001	640.000	Ft
1120	Controller Fdn, Base Mount	8200045	1.000	Ea
1130	Pedestal, Fdn	8200105	2.000	Ea
1140	Traf Loop	8200170	9.000	Ea

1150	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
1160	TS, One Way Mast Arm Mtd (LED)	8200359	2.000	Ea
1170	Casing	8200480	10.000	Ft
1180	Contractor Staking, Road Only	8240007	1.000	LSUM
1190	Staking Plan Errors and Extras, One Person	8240020	14.000	Hr
1200	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
1210	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr

**Schedule of Pay Items**

Report v1

Letting Call: 191206 019**Letting Date:** December 6, 2019**Contract ID:** 25031-201898**Description:** 12.56 mi of freeway signing upgrades along US-23 from the south Genesee county line to I-75 in the city of Fenton, Genesee County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201898A	20A0059	N/A	NHG 25031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$116,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	50.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	50.000	Ea
0040	Masonry and Conc Structure, Rem	2040045	50.000	Cyd
0050	Exploratory Investigation, Vertical	2040080	50.000	Ft
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0070	Obstruction Removal	7180100	10,000.000	Dlr
0080	Bridge Sign Connection, Conc, Type A1	8100031	18.000	Ea
0090	Bridge Sign Connection, Type A, Rem	8100080	18.000	Ea
0100	Column, Breakaway, W8 x 13	8100120	24.000	Ea
0110	Column, Breakaway, W8 x 18	8100121	18.000	Ea
0120	Delineator Reflector, Red	8100131	4.000	Ea
0130	Delineator Reflector, Yellow	8100132	84.000	Ea
0140	Fdn, Breakaway, W8 x 13	8100160	24.000	Ea
0150	Fdn, Breakaway, W8 x 18	8100161	18.000	Ea
0160	Fdn, Column Breakaway, Rem	8100220	38.000	Ea
0170	Fdn, Truss Sign Structure Type E, 54 inch Dia, Cased	8100252	166.000	Ft
0180	Fdn, Truss, Rem	8100260	4.000	Ea
0190	Fdn, Wood Support, Rem	8100280	151.000	Ea
0200	Installing MDOT Supplied Sign, Type III	8100302	25.000	Ea
0210	Perforated Steel Square Tube Breakaway System	8100330	48.000	Ea
0220	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0230	Delineator, Rem	8100349	20.000	Ea
0240	Post, Rigid, Delineator	8100361	84.000	Ea
0250	Post, Steel, 3 lb	8100371	5,646.000	Ft
0260	Post, Wood, 4 inch by 6 inch	8100380	1,462.000	Ft
0270	Post, Wood, 6 inch by 8 inch	8100382	1,650.000	Ft

0280	Sign, Type I, Rem	8100391	58.000	Ea
0290	Sign, Type IA	8100392	4,872.000	Sft
0300	Sign, Type IB	8100393	166.000	Sft
0310	Sign, Type II, Rem	8100397	119.000	Ea
0320	Sign, Type IIA	8100398	1,589.000	Sft
0330	Sign, Type IIB	8100399	343.000	Sft
0340	Sign, Type III, Rem	8100403	396.000	Ea
0350	Sign, Type IIIA	8100404	577.000	Sft
0360	Sign, Type IIIB	8100405	1,049.000	Sft
0370	Sign, Type IVA	8100410	8.000	Sft
0380	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0390	Sign, Type VA	8100424	216.000	Sft
0400	Sign, Type VB	8100425	584.000	Sft
0410	Truss, Rem	8100440	2.000	Ea
0420	Truss, Type E, 110 foot	8100496	2.000	Ea
0430	Reflective Panel for Permanent Sign Support, 3 foot	8100613	94.000	Ea
0440	Reflective Panel for Permanent Sign Support, 6 foot	8100616	36.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
0470	Ltg for Night Work	8120160	1.000	LSUM
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Mobile Attenuator	8120180	1.000	Ea
0500	Plastic Drum, Fluorescent, Furn	8120252	395.000	Ea
0510	Plastic Drum, Fluorescent, Oper	8120253	395.000	Ea
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0530	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	1,620.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	1,620.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	Slope Restoration, Type A	8160100	50.000	Syd
0580	Contractor Staking, Road Only	8240007	1.000	LSUM
0590	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0600	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0610	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 020

Letting Date: December 6, 2019

Contract ID: 38061-127537

Description: 0.50 mi of hot mix asphalt cold milling, resurfacing and reconstruction, earthwork, aggregate base, drainage, concrete curb, gutter, sidewalk and barrier, guardrail, bridge reconstruction with 36 inch by 49 inch prestressed concrete bulb-tee beams, mechanically stabilized earth wall, cofferdams, piles and pavement markings on M-60 and associated ramps over I-94, Jackson County. This project includes a 3 and 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
127537A	20A0045	N/A	IM 38061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	28,000.000	Dlr
0060	Critical Path Method Schedule	1080005	15,000.000	Dlr
0070	Mobilization, Max \$765,300.00	1500001	1.000	LSUM
0080	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0090	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0100	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0110	Culv, End, Rem, 24 inch to 48 inch	2030006	5.000	Ea
0120	Dr Structure, Rem	2030011	8.000	Ea
0130	Sewer, Rem, Less than 24 inch	2030015	368.000	Ft
0140	Conc Barrier, Rem	2040010	162.000	Ft
0150	Guardrail, Rem	2040035	4,504.000	Ft
0160	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0170	Pavt, Rem	2040050	4,398.000	Syd
0180	Embankment, CIP	2050010	9,151.000	Cyd
0190	Excavation, Earth	2050016	7,887.000	Cyd
0200	Aggregate, 6A	2060001	290.000	Cyd
0210	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0220	Erosion Control, Inlet Protection, Fabric Drop	2080020	38.000	Ea
0230	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0240	Erosion Control, Sediment Basin	2080032	10.000	Cyd
0250	Erosion Control, Sediment Trap	2080034	2.000	Ea

0260	Erosion Control, Silt Fence	2080036	3,035.000	Ft
0270	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	100.000	Syd
0280	Project Cleanup	2090001	1.000	LSUM
0290	Subbase, CIP	3010002	12,007.000	Cyd
0300	Aggregate Base, LM	3020002	680.000	Cyd
0310	Aggregate Base, 6 inch	3020016	16,525.000	Syd
0320	_ Aggergate Base, 24 inch	3027011	434.000	Syd
0330	Shoulder, CI II, 6 inch	3070128	4,882.000	Syd
0340	Culv End Sect, 12 inch	4010012	3.000	Ea
0350	Culv End Sect, 15 inch	4010015	1.000	Ea
0360	Culv End Sect, 18 inch	4010018	1.000	Ea
0370	Culv End Sect, 24 inch	4010024	8.000	Ea
0380	Culv, CI A, 24 inch	4010134	219.000	Ft
0390	Culv, CI A, 30 inch	4010135	210.000	Ft
0400	Culv, CI A, Conc, 24 inch	4010168	8.000	Ft
0410	Culv, CI F, 15 inch	4010608	20.000	Ft
0420	Culv, CI F, 24 inch	4010610	477.000	Ft
0430	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	2.000	Ea
0440	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	2.000	Ea
0450	Dr Marker Post	4011109	2.000	Ea
0460	Sewer, CI A, 12 inch, Tr Det B	4020033	674.000	Ft
0470	Sewer, CI A, 18 inch, Tr Det B	4020035	240.000	Ft
0480	Sewer, CI B, 18 inch, Tr Det B	4020185	29.000	Ft
0490	Video Taping Sewer and Culv Pipe	4021275	1,364.000	Ft
0500	Dr Structure Cover, Type CX	4030020	10.000	Ea
0510	Dr Structure Cover, Type E	4030035	1.000	Ea
0520	Dr Structure Cover, Type W	4030080	4.000	Ea
0530	Dr Structure, 48 inch dia	4030210	15.000	Ea
0540	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	14.000	Ft
0550	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	4.000	Ft
0560	_ Sanitary Structure Cover, Adj, Add Depth	4037001	1.000	Ft
0570	_ Sanitary Structure Cover, Adj, Case 2	4037050	1.000	Ea
0580	_ Structure Cover Weigh Down, Temp	4037050	4.000	Ea
0590	Underdrain, Subbase, 6 inch	4040063	3,251.000	Ft
0600	Underdrain Outlet, 4 inch	4040091	200.000	Ft
0610	Underdrain Outlet, 6 inch	4040093	119.000	Ft
0620	Underdrain, Outlet Ending, 4 inch	4040111	20.000	Ea
0630	Underdrain, Outlet Ending, 6 inch	4040113	18.000	Ea
0640	_ Video Inspection of Underdrain	4047001	5,310.000	Ft
0650	Pavt, Cleaning	5010001	1.000	LSUM
0660	Cold Milling HMA Surface	5010002	32,900.000	Syd
0670	Bump Grinding	5010004	150.000	Syd
0680	HMA Surface, Rem	5010005	11,006.000	Syd

0690	HMA Quality Initiative	5010007	73,190.000	Dlr
0700	HMA, 3E10	5010046	3,282.000	Ton
0710	HMA, 5E10	5010058	3,774.000	Ton
0720	HMA Approach	5010061	550.000	Ton
0730	_ Pavt, Temp	5017011	4,773.000	Syd
0740	_ Pavt, Temp, Rem	5017011	4,773.000	Syd
0750	_ Ride Incentive	5017060	6,100.000	Dlr
0760	Conc, Grade S2	7060011	2.000	Cyd
0770	Reinforcement, Steel, Culv and Headwall	7060091	54.000	Lb
0780	Reflective Marker, Permanent Barrier	7110003	80.000	Ea
0790	Curb and Gutter, Bridge Approach	8020010	200.000	Ft
0800	Curb and Gutter, Conc, Det D2	8020031	1,366.000	Ft
0810	Sidewalk, Conc, 4 inch	8030044	130.000	Sft
0820	Conc Barrier, Single Face, Type A	8040001	30.000	Ft
0830	Conc Barrier, Double Face, Type A	8040005	1,498.000	Ft
0840	Conc Barrier, Split, Type A	8040010	81.000	Ft
0850	Glare Screen, Conc	8040015	1,498.000	Ft
0860	Glare Screen, Conc, Split	8040016	81.000	Ft
0870	Conc Barrier Backfill, CIP	8040030	18.000	Cyd
0880	Guardrail, Type MGS-8	8070004	3,448.000	Ft
0890	Guardrail, Type T, Temp	8070007	338.000	Ft
0900	Guardrail, Type MGS-8D	8070009	1,210.000	Ft
0910	Guardrail Anch, Bridge, Det T1	8070022	8.000	Ea
0920	Guardrail Anch, Bridge, Det T1, Temp	8070030	3.000	Ea
0930	Guardrail Anch, Median	8070035	2.000	Ea
0940	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0950	Guardrail Approach Terminal, Type 2T, Temp	8070048	2.000	Ea
0960	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
0970	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0980	Guardrail Departing Terminal, Type T, Temp	8070056	1.000	Ea
0990	Guardrail Reflector	8070080	139.000	Ea
1000	Delineator Reflector, Green	8100133	12.000	Ea
1010	Delineator Reflector, White	8100134	222.000	Ea
1020	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	14.000	Ea
1030	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	46.000	Ea
1040	Fdn, Wood Support, Rem	8100280	5.000	Ea
1050	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
1060	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea
1070	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	2.000	Ea
1080	Post, Flexible, Delineator	8100360	60.000	Ea
1090	Post, Rigid, Delineator	8100361	123.000	Ea
1100	Post, Steel, 3 lb	8100371	252.000	Ft
1110	Post, Wood, 4 inch by 6 inch	8100380	64.000	Ft

1120	Post, Wood, 6 inch by 8 inch	8100382	24.000	Ft
1130	Sign, Type II, Rem	8100397	3.000	Ea
1140	Sign, Type IIA	8100398	38.000	Sft
1150	Sign, Type III, Erect, Salv	8100402	9.000	Ea
1160	Sign, Type III, Rem	8100403	17.000	Ea
1170	Sign, Type IIIA	8100404	8.000	Sft
1180	Sign, Type IIIB	8100405	13.000	Sft
1190	Sign, Type V, Rem	8100421	6.000	Ea
1200	Sign, Type V, Erect, Salv	8100422	6.000	Ea
1210	Sign, Type VB	8100425	16.000	Sft
1220	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
1230	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
1240	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	232.000	Ft
1250	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	924.000	Ft
1260	Recessing Pavt Mrkg, Longit	8110450	39,297.000	Ft
1270	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	8,566.000	Ft
1280	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	16,165.000	Ft
1290	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	2,089.000	Ft
1300	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	13,633.000	Ft
1310	Barricade, Type III, High Intensity, Lighted, Furn	8120022	32.000	Ea
1320	Barricade, Type III, High Intensity, Lighted, Oper	8120023	32.000	Ea
1330	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
1340	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
1350	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	5.000	Ea
1360	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	5.000	Ea
1370	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
1380	Conc Barrier, Temp, Adj	8120080	490.000	Ft
1390	Conc Barrier, Temp, Furn	8120081	6,510.000	Ft
1400	Conc Barrier, Temp, Oper	8120082	6,510.000	Ft
1410	Conc Barrier, Temp, Relocated	8120083	1,880.000	Ft
1420	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	10.000	Ea
1430	High Intensity Light, Type B, Furn	8120110	15.000	Ea
1440	High Intensity Light, Type B, Oper	8120111	15.000	Ea
1450	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
1460	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
1470	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
1480	Ltg for Night Work	8120160	1.000	LSUM
1490	Minor Traf Devices	8120170	1.000	LSUM
1500	Mobile Attenuator	8120180	6.000	Ea
1510	Pavt Mrkg Cover, Type R, Black	8120200	2,000.000	Ft
1520	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,500.000	Ft
1530	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	300.000	Ft
1540	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	6,722.000	Ft

1550	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,492.000	Ft
1560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	19,553.000	Ft
1570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,439.000	Ft
1580	Plastic Drum, Fluorescent, Furn	8120252	630.000	Ea
1590	Plastic Drum, Fluorescent, Oper	8120253	630.000	Ea
1600	Sign Cover	8120310	10.000	Ea
1610	Sign Cover, Type 1	8120320	7.000	Ea
1620	Sign, Portable, Changeable Message, NTCIP-Compliant, Full-Matrix, Furn	8120336	3.000	Ea
1630	Sign, Portable, Changeable Message, NTCIP-Compliant, Full-Matrix, Oper	8120337	3.000	Ea
1640	Sign, Type B, Temp, Prismatic, Furn	8120350	1,250.000	Sft
1650	Sign, Type B, Temp, Prismatic, Oper	8120351	1,250.000	Sft
1660	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
1670	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
1680	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	180.000	Ft
1690	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	180.000	Ft
1700	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	180.000	Ft
1710	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	180.000	Ft
1720	_ Steel Barrier, Temp, Adj	8127001	6,960.000	Ft
1730	_ Steel Barrier, Temp, Casters, Furn	8127001	435.000	Ft
1740	_ Steel Barrier, Temp, Furn	8127001	380.000	Ft
1750	_ Steel Barrier, Temp, Oper	8127001	815.000	Ft
1760	_ Temp Rumble Strips (Orange)	8127001	1,296.000	Ft
1770	_ Steel Barrier Reflector Replacement	8127050	5.000	Ea
1780	Riprap, Plain	8130010	45.000	Syd
1790	Slope Restoration, Type A	8160100	8,000.000	Syd
1800	Slope Restoration, Type B	8160101	6,300.000	Syd
1810	Slope Restoration, Type C	8160102	5,700.000	Syd
1820	Slope Restoration, Type D	8160103	650.000	Syd
1830	Conduit, DB, 1, 3 inch	8190029	55.000	Ft
1840	Conduit, Rem	8190140	125.000	Ft
1850	Hh, Round	8190260	2.000	Ea
1860	Flsh Beacon, Solar Power, Dual, Rem	8200074	2.000	Ea
1870	Wireless Intcrn, Sign Mtd Flasher, Solar Power, Master	8200493	2.000	Ea
1880	Shoulder Corrugations, Ground or Cut, HMA	8220001	16,691.000	Ft

Section: 2

1890	Structures, Rem (S02-3 of 38061)	2040060	1.000	LSUM
1900	Structures, Rem (S02-4 of 38061)	2040060	1.000	LSUM
1910	Backfill, Structure, CIP	2060002	1,630.000	Cyd
1920	Backfill, Select	2060004	11,830.000	Cyd
1930	Excavation, Fdn	2060010	15,010.000	Cyd

1940	Underdrain, Fdn, 4 inch	4040031	2,220.000	Ft
1950	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	5,268.000	Sft
1960	_ Cofferdam, Left in Place, Special(S02-3 of 38061)	7047051	1.000	LSUM
1970	_ Cofferdam, Left in Place, Special(S02-4 of 38061)	7047051	1.000	LSUM
1980	Pile Driving Equipment, Furn (S02-3 of 38061)	7050002	1.000	LSUM
1990	Pile Driving Equipment, Furn (S02-4 of 38061)	7050002	1.000	LSUM
2000	Pile, Steel, Furn and Driven, 14 inch	7050034	6,760.000	Ft
2010	Test Pile, Steel, 14 inch	7050035	12.000	Ea
2020	Pile Point, Steel	7050039	99.000	Ea
2030	Pile, Steel, Splice	7050050	79.000	Ea
2040	_ Pile Protection	7057001	1,077.000	Ft
2050	Bridge Ltg, Furn and Rem (S02-3 of 38061)	7060001	1.000	LSUM
2060	Bridge Ltg, Furn and Rem (S02-4 of 38061)	7060001	1.000	LSUM
2070	Bridge Ltg, Oper and Maintain	7060002	569.000	Cyd
2080	Conc, Grade S2, Subfooting	7060012	185.000	Cyd
2090	Expansion Joint Device	7060050	142.000	Ft
2100	False Decking	7060060	26,630.000	Sft
2110	Reinforcement, Steel	7060090	6,595.000	Lb
2120	Reinforcement, Steel, Epoxy Coated	7060092	214,875.000	Lb
2130	Substructure Conc, High Performance	7060101	661.000	Cyd
2140	Superstructure Conc, Form, Finish, and Cure (S02-3 of 38061)	7060111	1.000	LSUM
2150	Superstructure Conc, Form, Finish, and Cure (S02-4 of 38061)	7060111	1.000	LSUM
2160	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02-3 of 38061)	7060112	1.000	LSUM
2170	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02-4 of 38061)	7060112	1.000	LSUM
2180	Superstructure Conc, High Performance	7060116	78.000	Cyd
2190	Superstructure Conc, Night Casting, High Performance	7060117	569.000	Cyd
2200	Wall Drain	7060130	29.000	Sft
2210	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	6,217.000	Sft
2220	Mechanically Stabilized Earth Wall, Precast, Install	7060201	6,217.000	Sft
2230	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	3,278.000	Sft
2240	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	3,278.000	Sft
2250	Mechanically Stabilized Earth Wall Coping, Precast	7060206	415.000	Ft
2260	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	415.000	Ft
2270	Liner, PVC, 30 mil	7060209	835.000	Syd
2280	_ Conc Stone Stain	7067011	881.000	Syd
2290	_ Texturing Conc	7067011	429.000	Syd
2300	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,612.000	Lb
2310	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,612.000	Lb
2320	_ Bearing, Elastomeric, 1 5/8 inch	7077008	10,656.000	Sin
2330	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	1,393.000	Ft

2340	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	1,393.000	Ft
2350	Joint Waterproofing	7100001	91.000	Sft
2360	Joint Waterproofing, Expansion	7100003	374.000	Sft
2370	Conc Surface Coating, Warranty (S02-3 of 38061)	7100009	1.000	LSUM
2380	Conc Surface Coating, Warranty (S02-4 of 38061)	7100009	1.000	LSUM
2390	_ Bridge Railing, Aesthetic Parapet, High Performance	7117001	924.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 191206 021

Letting Date: December 6, 2019

Contract ID: 07023-126827

Description: 5.19 mi of hot mix asphalt reconstruction including drainage, guardrail, signing and pavement markings and bridge rehabilitation including full-depth deck patching, hot mix asphalt removal and overlay with membrane, partial painting, steel repair, barrier replacement, substructure patching and scour counter measures on US-41/M-28 from the east Baraga county line westerly to west of Canal Town Creek over Lake Ruth, 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
126827A	20A0061	N/A	NH 07023
203297A	20A0064	N/A	NH 07023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$547,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.900	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	9.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0070	Curb and Gutter, Rem	2040020	1,413.000	Ft
0080	Curb, Rem	2040021	50.000	Ft
0090	Pavt, Rem	2040050	32,187.000	Syd
0100	Embankment, CIP	2050010	1,222.000	Cyd
0110	Excavation, Earth	2050016	50,552.000	Cyd
0120	Excavation, Rock	2050018	200.000	Cyd
0130	Granular Material, CI II	2050023	200.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0150	Backfill, Structure, CIP	2060002	20.000	Cyd
0160	Excavation, Fdn	2060010	20.000	Cyd
0170	Erosion Control, Check Dam, Stone	2080012	372.000	Ft
0180	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0210	Erosion Control, Sediment Trap	2080034	29.000	Ea
0220	Erosion Control, Silt Fence	2080036	2,476.000	Ft
0230	Erosion Control, Turbidity Curtain, Deep	2080042	60.000	Ft
0240	Erosion Control, Turbidity Curtain, Shallow	2080044	2,650.000	Ft

0250	Subbase, CIP	3010002	34,990.000	Cyd
0260	Aggregate Base, 6 inch	3020016	33,771.000	Syd
0270	Aggregate Base, 9 inch	3020022	24,801.000	Syd
0280	Approach, CI I	3070001	967.000	Ton
0290	Approach, CI II	3070021	757.000	Ton
0300	Shoulder, CI II	3070121	1,878.000	Ton
0310	Culv End Sect, 12 inch	4010012	1.000	Ea
0320	Culv End Sect, 18 inch	4010018	4.000	Ea
0330	Culv End Sect, 24 inch	4010024	3.000	Ea
0340	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0350	Culv, CI E, 18 inch	4010541	80.000	Ft
0360	Culv, CI E, 24 inch	4010542	56.000	Ft
0370	Culv, CI E, Conc, 18 inch	4010575	64.000	Ft
0380	Culv, CI F, 18 inch	4010609	648.000	Ft
0390	Culv, CI F, 24 inch	4010610	48.000	Ft
0400	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	20.000	Ea
0410	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	1.000	Ea
0420	Dr Marker Post	4011109	28.000	Ea
0430	_ Culv Cleanout	4017001	1,104.000	Ft
0440	Sewer, CI E, 12 inch, Tr Det B	4020600	80.000	Ft
0450	Dr Structure Cover, Type G	4030040	1.000	Ea
0460	Dr Structure, 48 inch dia	4030210	1.000	Ea
0470	Underdrain, Subbase, 6 inch	4040063	6,133.000	Ft
0480	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0490	Underdrain Outlet, 6 inch	4040093	519.000	Ft
0500	Underdrain, Outlet Ending, 6 inch	4040113	28.000	Ea
0510	Cold Milling HMA Surface	5010002	41,919.000	Syd
0520	Bump Grinding	5010004	100.000	Syd
0530	HMA Surface, Rem	5010005	60,555.000	Syd
0540	HMA Quality Initiative	5010007	55,436.000	Dlr
0550	Longitudinal Joint Density Quality Initiative	5010018	145,900.000	Dlr
0560	Hand Patching	5010025	50.000	Ton
0570	HMA, 3E3	5010045	5,292.000	Ton
0580	HMA, 4E3	5010051	8,175.000	Ton
0590	HMA, 5E3	5010057	6,758.000	Ton
0600	HMA Approach	5010061	995.000	Ton
0610	HMA, LVSP	5010703	6,448.000	Ton
0620	_ Ride Incentive	5017060	36,534.000	Dlr
0630	Joint, Expansion, E3	6020208	80.000	Ft
0640	Conc Pavt, Bridge Approach, Reinf	6020600	154.000	Syd
0650	Curb, Conc, Det E2	8020002	108.000	Ft
0660	Curb and Gutter, Bridge Approach	8020010	68.000	Ft
0670	Curb and Gutter, Conc, Det B2	8020016	940.000	Ft
0680	Guardrail, Type B	8070000	175.000	Ft
0690	Guardrail, Type MGS-8	8070004	6,297.000	Ft

0700	Guardrail, Curved, Type B	8070010	101.000	Ft
0710	Guardrail, Backed, Det G2	8070016	1.000	Ea
0720	Guardrail Anch, Bridge, Det T1	8070022	5.000	Ea
0730	Guardrail Approach Terminal, Type 2M	8070044	17.000	Ea
0740	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0750	Guardrail, Salv	8070075	6,918.000	Ft
0760	Guardrail Reflector	8070080	330.000	Ea
0770	Post, Mailbox	8070095	15.000	Ea
0780	Guardrail, Reconst, Type B	8070105	200.000	Ft
0790	_ Guardrail Long Span, Det MGS-2	8077050	3.000	Ea
0800	Fdn, Wood Support, Rem	8100280	60.000	Ea
0810	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
0820	Post, Steel, 3 lb	8100371	1,196.000	Ft
0830	Post, Wood, 4 inch by 6 inch	8100380	216.000	Ft
0840	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0850	Sign, Type II, Rem	8100397	20.000	Ea
0860	Sign, Type IIA	8100398	78.000	Sft
0870	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0880	Sign, Type III, Rem	8100403	59.000	Ea
0890	Sign, Type IIIA	8100404	149.000	Sft
0900	Sign, Type IIIB	8100405	143.000	Sft
0910	Sign, Type V, Rem	8100421	9.000	Ea
0920	Sign, Type VB	8100425	54.000	Sft
0930	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0940	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	72.000	Ft
0950	Pavt Mrkg, Waterborne, 4 inch, White	8110231	247.000	Ft
0960	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,945.000	Ft
0970	Pavt Mrkg, Waterborne, 6 inch, White	8110233	54,273.000	Ft
0980	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,945.000	Ft
0990	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	54,273.000	Ft
1000	Pavt Mrkg, Polyurea, Railroad Sym	8110411	3.000	Ea
1010	Recessing Pavt Mrkg, Longit	8110450	69,240.000	Ft
1020	Recessing Pavt Mrkg, Transv	8110451	336.000	Sft
1030	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
1040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
1050	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
1060	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
1070	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
1080	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
1090	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
1100	Conc Barrier, Temp, Adj	8120080	25.000	Ft
1110	Conc Barrier, Temp, Furn	8120081	325.000	Ft
1120	Conc Barrier, Temp, Oper	8120082	325.000	Ft

1130	Conc Barrier, Temp, Relocated	8120083	450.000	Ft
1140	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	10.000	Ea
1150	Dust Palliative, Applied	8120100	18.000	Ton
1160	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1170	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1180	Minor Traf Devices	8120170	1.000	LSUM
1190	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
1200	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	96.000	Ft
1210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	48,400.000	Ft
1220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
1230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
1240	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
1250	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
1260	PTS System, Temp, Furn	8120270	2.000	Ea
1270	PTS System, Temp, Oper	8120271	2.000	Ea
1280	Sign Cover	8120310	12.000	Ea
1290	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
1300	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
1310	Traf Regulator Control	8120370	1.000	LSUM
1320	Conc Barrier, Temp, Limited Deflection, Det 3B, Furn	8121220	125.000	Ft
1330	Conc Barrier, Temp, Limited Deflection, Det 3B, Oper	8121221	125.000	Ft
1340	Riprap, Plain	8130010	65.000	Syd
1350	Slope Restoration, Type A	8160100	36,076.000	Syd
1360	Slope Restoration, Type B	8160101	5,736.000	Syd
1370	Slope Restoration, Type C	8160102	15,718.000	Syd
1380	Slope Restoration, Type D	8160103	786.000	Syd
1390	_ Mulch Anchoring, Special	8167011	2,734.000	Syd
1400	Monument Box	8210001	3.000	Ea
1410	Monument Preservation	8210010	5.000	Ea
1420	Centerline Corrugations, Milled, HMA	8220013	27,501.000	Ft
1430	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	54,073.000	Ft
1440	Contractor Staking	8240001	1.000	LSUM
1450	Staking Plan Errors and Extras, One Person	8240020	45.000	Hr
1460	Staking Plan Errors and Extras, Two Person	8240021	18.000	Hr
1470	Staking Plan Errors and Extras, Three Person	8240022	27.000	Hr
1480	_ Railroad Protection, at Grade Crossing	8507060	500.000	Dlr

Section: 2

1490	Bridge Ltg, Furn and Rem (B03 of 07023)	7060001	1.000	LSUM
1500	Bridge Ltg, Oper and Maintain	7060002	7.000	Cyd
1510	False Decking	7060060	1,580.000	Sft
1520	Reinforcement, Steel, Epoxy Coated	7060092	2,987.000	Lb

1530	Superstructure Conc, Form, Finish, and Cure, Night Casting (B03 of 07023)	7060112	1.000	LSUM
1540	Superstructure Conc, Night Casting	7060113	7.000	Cyd
1550	_ Expansive Waterstop	7067001	70.000	Ft
1560	Shear Developers (B03 of 07023)	7070040	1.000	LSUM
1570	Joint Waterproofing	7100001	237.000	Sft
1580	Membrane, Preformed Waterproofing	7100008	1,287.000	Sft
1590	Bridge Railing, Aesthetic, Type 4, Det 2, Modified	7110037	70.000	Ft
1600	Hand Chipping, Shallow	7120003	12.000	Syd
1610	Hand Chipping, Deep	7120004	5.000	Syd
1620	Hand Chipping, Other Than Deck	7120007	28.000	Cft
1630	Patch, Forming	7120017	43.000	Sft
1640	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	166.000	Ea
1650	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	12.000	Ea
1660	Structures, Rehabilitation, Rem Portions (B03 of 07023)	7120070	1.000	LSUM
1670	Reinforcement, Mechanical Splice	7120084	136.000	Ea
1680	Top Flanges and Beam Ends, Clean and Coat	7120100	4.000	Syd
1690	Patching Conc, C-L	7120112	2.000	Cyd
1700	Embedded Galvanic Anode	7120120	151.000	Ea
1710	Beam Plate, Seal Perimeter	7130010	85.000	Ft
1720	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	982.000	Lb
1730	Steel Structure, Cleaning, Partial, Type 4 (B03 of 07023)	7150047	1.000	LSUM
1740	Steel Structure, Coating, Partial, Type 4 (B03 of 07023)	7150048	1.000	LSUM
1750	Field Repair of Damaged Coating (B03 of 07023)	7160001	1.000	LSUM
1760	Riprap, Plain	8130011	8.000	Ton



Schedule of Pay Items

Report v1

Letting Call: 191206 022

Letting Date: December 6, 2019

Contract ID: 16091-129996

Description: 2.34 mi of asphalt stabilized crack relief layer and hot mix asphalt resurfacing and reconstruction, concrete joint repairs, guardrail, tree clearing and pavement markings on I-75 from Topinabee Mail Route Road southerly, Cheboygan County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129996A	20A0069	N/A	NH 16091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$382,700.00	1500001	1.000	LSUM
0020	_ Clearing, Fence, Special (JN 129996A)	2017002	114.000	Sta
0030	_ Clearing, Special (JN 129996A)	2017002	330.000	Sta
0040	Fence, Rem	2040025	11,790.000	Ft
0050	Guardrail, Rem	2040035	665.000	Ft
0060	Pavt, Rem	2040050	4,353.000	Syd
0070	Excavation, Earth	2050016	11,745.000	Cyd
0080	_ Embankment, CIP, Special	2057021	8,040.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0110	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0130	Erosion Control, Sediment Trap	2080034	13.000	Ea
0140	Erosion Control, Silt Fence	2080036	200.000	Ft
0150	_ Permeable Runoff Structure	2087001	224.000	Ft
0160	Subbase, CIP	3010002	180.000	Cyd
0170	Aggregate Base, 6 inch	3020016	5,218.000	Syd
0180	Open-Graded Dr Cse, CIP	3030030	5,472.000	Cyd
0190	Shoulder, CI II	3070121	2,204.000	Ton
0200	Geotextile, Separator	3080005	21,886.000	Syd
0210	Dr Marker Post	4011109	8.000	Ea
0220	Underdrain, Pipe, Open-Graded, 6 inch	4040043	21,886.000	Ft
0230	Underdrain Outlet, 6 inch	4040093	1,600.000	Ft
0240	Underdrain, Outlet Ending, 6 inch	4040113	80.000	Ea
0250	_ Video Inspection of Underdrain	4047001	23,486.000	Ft
0260	Cold Milling HMA Surface	5010003	500.000	Ton
0270	HMA Surface, Rem	5010005	18,418.000	Syd

0280	HMA Quality Initiative	5010007	31,544.000	Dlr
0290	Pavt for Butt Joints, Rem	5010008	1,328.000	Syd
0300	Longitudinal Joint Density Quality Initiative	5010018	74,150.000	Dlr
0310	HMA, 3E3	5010045	809.000	Ton
0320	HMA, 4E3	5010051	14,963.000	Ton
0330	_ Asphalt Stabilized Crack Relief Layer	5017031	6,830.000	Ton
0340	_ Ride Incentive	5017060	16,500.000	Dlr
0350	Joint, Contraction, Cp	6020200	12.000	Ft
0360	Joint, Contraction, Crg	6030020	684.000	Ft
0370	Joint, Expansion, Erg	6030021	72.000	Ft
0380	Pavt Repr, Nonreinf Conc, 10 inch	6030048	271.000	Syd
0390	Pavt Repr, Rem	6030080	271.000	Syd
0400	Saw Cut, Intermediate	6030090	144.000	Ft
0410	Curb Sloped, HMA	8050010	137.000	Ft
0420	Guardrail, Type MGS-8	8070004	679.000	Ft
0430	Guardrail Anch, Bridge, Det T6	8070027	1.000	Ea
0440	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0450	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0460	Guardrail Reflector	8070080	15.000	Ea
0470	Fence, Woven Wire with Steel Post	8080002	11,790.000	Ft
0480	Barbed Wire	8080003	11,790.000	Ft
0490	Delineator Reflector, Yellow	8100132	31.000	Ea
0500	Delineator Reflector, Green	8100133	5.000	Ea
0510	Delineator Reflector, White	8100134	31.000	Ea
0520	Fdn, Wood Support, Rem	8100280	2.000	Ea
0530	Delineator, Rem	8100349	70.000	Ea
0540	Post, Rigid, Delineator	8100361	67.000	Ea
0550	Post, Steel, 3 lb	8100371	32.000	Ft
0560	Post, Wood, 4 inch by 6 inch	8100380	28.000	Ft
0570	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0580	Sign, Type III, Rem	8100403	4.000	Ea
0590	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,400.000	Ft
0600	Pavt Mrkg, Waterborne, 6 inch, White	8110233	13,400.000	Ft
0610	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	13,400.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	13,400.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	13,400.000	Ft
0640	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0650	Recessing Pavt Mrkg, Longit	8110450	30,200.000	Ft
0660	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	3,400.000	Ft
0670	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	679.000	Ft
0680	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0690	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0700	Minor Traf Devices	8120170	1.000	LSUM
0710	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	13,000.000	Ft

0720	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	39,000.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	39,000.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,300.000	Ft
0750	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0760	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0770	Sign Cover	8120310	20.000	Ea
0780	Sign Cover, Type 1	8120320	6.000	Ea
0790	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0800	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0810	Sign, Type B, Temp, Prismatic, Furn	8120350	928.000	Sft
0820	Sign, Type B, Temp, Prismatic, Oper	8120351	928.000	Sft
0830	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	674.000	Sft
0840	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	674.000	Sft
0850	Riprap, Plain	8130010	10.000	Syd
0860	Paved Ditch, HMA	8140010	8.000	Syd
0870	Fertilizer, Chemical Nutrient, CI A	8160020	4,164.000	Lb
0880	Mulch	8160025	84,000.000	Syd
0890	Mulch Anchoring	8160026	84,000.000	Syd
0900	Mulch Blanket	8160027	30,500.000	Syd
0910	Seeding, Mixture TDS	8160037	5,205.000	Lb
0920	Topsoil Surface, Furn, 4 inch	8160062	114,500.000	Syd
0930	Shoulder Corrugations, Ground or Cut, HMA	8220001	24,800.000	Ft
0940	Contractor Staking, Road Only	8240007	1.000	LSUM
0950	Staking Plan Errors and Extras, One Person	8240020	31.000	Hr
0960	Staking Plan Errors and Extras, Two Person	8240021	13.000	Hr
0970	Staking Plan Errors and Extras, Three Person	8240022	19.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 023

Letting Date: December 6, 2019

Contract ID: 32031-126948

Description: 0.19 mi of hot mix asphalt milling and resurfacing, concrete curb and gutter, sewer, drainage, guardrail, bridge waterproofing membrane and pavement markings on M-53 from the Pigeon River to north of Atwater Road, Huron County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126948A	20A0062	N/A	CM 32031
204848A	20A0067	N/A	NH 32031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Pavt, Rem	2040050	180.000	Syd
0050	Backfill, Swamp	2050001	830.000	Cyd
0060	Embankment, CIP	2050010	1,160.000	Cyd
0070	Excavation, Earth	2050016	7,360.000	Cyd
0080	Excavation, Peat	2050017	585.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0130	Erosion Control, Sediment Trap	2080034	2.000	Ea
0140	Erosion Control, Silt Fence	2080036	600.000	Ft
0150	Subbase, CIP	3010002	4,010.000	Cyd
0160	Aggregate Base, 6 inch	3020016	3,235.000	Syd
0170	_ Approach, CI II, Modified	3077031	36.000	Ton
0180	_ Shoulder, CI II, Modified	3077031	228.000	Ton
0190	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0200	Sewer, CI E, 18 inch, Tr Det B	4020602	12.000	Ft
0210	Sewer Tap, 18 inch	4021206	1.000	Ea
0220	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0230	Dr Structure Cover, Type B	4030010	2.000	Ea
0240	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0250	Cold Milling HMA Surface	5010002	620.000	Syd
0260	Bump Grinding	5010004	100.000	Syd

0270	HMA Surface, Rem	5010005	1,978.000	Syd
0280	HMA Quality Initiative	5010007	2,854.000	Dlr
0290	Longitudinal Joint Density Quality Initiative	5010018	3,472.000	Dlr
0300	Hand Patching	5010025	55.000	Ton
0310	HMA, 3E3	5010045	310.000	Ton
0320	HMA, 4E3	5010051	160.000	Ton
0330	HMA, 5E3	5010057	302.000	Ton
0340	HMA Approach	5010061	600.000	Ton
0350	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	2,295.000	Syd
0360	Curb and Gutter, Conc, Det B2	8020016	230.000	Ft
0370	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
0380	Spillway, Conc	8020075	12.000	Ft
0390	Guardrail, Type MGS-8	8070004	170.000	Ft
0400	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0410	Guardrail, Salv	8070075	263.000	Ft
0420	Guardrail Reflector	8070080	8.000	Ea
0430	Post, Mailbox	8070095	2.000	Ea
0440	Delineator Reflector, Green	8100133	2.000	Ea
0450	Post, Rigid, Delineator	8100361	2.000	Ea
0460	Post, Steel, 3 lb	8100371	130.000	Ft
0470	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0480	Sign, Type II, Rem	8100397	2.000	Ea
0490	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0500	Sign, Type III, Rem	8100403	11.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0530	Pavt Mrkg, Waterborne, 4 inch, White	8110231	365.000	Ft
0540	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,530.000	Ft
0550	Pavt Mrkg, Waterborne, 6 inch, White	8110233	23,775.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	365.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,530.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	23,775.000	Ft
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0610	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	170.000	Ea
0620	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	170.000	Ea
0630	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0640	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0650	Minor Traf Devices	8120170	1.000	LSUM
0660	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,000.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,000.000	Ft
0680	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	5,000.000	Ft

0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	700.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0710	Sign Cover	8120310	4.000	Ea
0720	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0730	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	767.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	767.000	Sft
0760	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	102.000	Sft
0770	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	102.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
0800	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
0810	Riprap, Plain	8130010	8.000	Syd
0820	Site Preparation, Max \$1,230.00	8150001	1.000	LSUM
0830	Watering and Cultivating, First Season, Min \$600.00	8150002	1.000	LSUM
0840	Watering and Cultivating, Second Season, Min \$740.00	8150003	1.000	LSUM
0850	Acer rubrum Red Sunset, 2 inch	8150145	2.000	Ea
0860	Acer saccharinum, 2 inch	8150165	3.000	Ea
0870	Quercus rubra, 2 inch	8153126	3.000	Ea
0880	_ Acer freemanii Autumn Blaze, 2 inch	8157050	2.000	Ea
0890	_ Compost, Fine Grade	8167011	2,550.000	Syd
0900	_ Compost, Medium Grade	8167011	2,550.000	Syd
0910	_ Slope Restoration	8167011	2,550.000	Syd
0920	Monument Box	8210001	1.000	Ea
0930	Monument Preservation	8210010	1.000	Ea
0940	Centerline Corrugations, Milled, HMA	8220013	775.000	Ft
0950	Contractor Staking, Road Only	8240007	1.000	LSUM
0960	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0970	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0980	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr

Section: 2

0990	Pavt for Butt Joints, Rem	5010008	130.000	Syd
1000	_ Spray Applied Waterproofing Membrane	7107011	120.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 191206 024

Letting Date: December 6, 2019

Contract ID: 50092-127635

Description: 0.14 mi of construction of hot mix asphalt passing flare, guardrail replacement, micro-surfacing and overband crack filling of carpool lot and pavement markings on M-19 (New Haven Road) at the I-94 westbound on ramp, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127635A	20A0046	N/A	CM 50092
201916A	20A0023	N/A	ST 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,300.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	487.000	Ft
0030	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	Embankment, CIP	2050010	1,824.000	Cyd
0050	Excavation, Earth	2050016	1,865.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0070	_ Phragmites Plant Material Handling and Disposal, LM	2057021	80.000	Cyd
0080	Erosion Control, Silt Fence	2080036	455.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	Subbase, CIP	3010002	836.000	Cyd
0110	Aggregate Base, 6 inch	3020016	1,039.000	Syd
0120	Shoulder, CI II, 7 inch	3070129	214.000	Syd
0130	Underdrain, Subbase, 6 inch	4040063	670.000	Ft
0140	Underdrain Outlet, 6 inch	4040093	113.000	Ft
0150	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0160	Pavt, Cleaning	5010001	1.000	LSUM
0170	HMA Surface, Rem	5010005	675.000	Syd
0180	HMA Quality Initiative	5010007	818.000	Dlr
0190	Longitudinal Joint Density Quality Initiative	5010018	670.000	Dlr
0200	HMA Approach	5010061	409.000	Ton
0210	_ Overband Crack Fill, Carpool Parking Lot	5027011	2,074.000	Syd
0220	Micro-Surface, Single Cse	5040010	2,074.000	Syd
0230	Guardrail, Type MGS-8	8070004	566.000	Ft
0240	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0250	Guardrail Reflector	8070080	26.000	Ea

0260	Delineator Reflector, Green	8100133	1.000	Ea
0270	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
0280	Post, Rigid, Delineator	8100361	1.000	Ea
0290	Post, Steel, 3 lb	8100371	142.000	Ft
0300	Post, Wood, 4 inch by 6 inch	8100380	18.000	Ft
0310	Sign, Type III, Rem	8100403	11.000	Ea
0320	Sign, Type IIIA	8100404	32.000	Sft
0330	Sign, Type IIIB	8100405	27.000	Sft
0340	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	229.000	Ft
0350	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,532.000	Ft
0360	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,278.000	Ft
0370	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0380	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	91.000	Ft
0390	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,432.000	Ft
0400	Rem Spec Mrkg	8110343	50.000	Sft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0430	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0440	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0450	Conc Barrier Reflector Replacement	8120070	5.000	Ea
0460	Conc Barrier, Temp, Furn	8120081	900.000	Ft
0470	Conc Barrier, Temp, Oper	8120082	900.000	Ft
0480	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0490	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0500	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Mobile Attenuator	8120180	2.000	Ea
0540	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,057.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	680.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	865.000	Ft
0570	Plastic Drum, Fluorescent, Furn	8120252	125.000	Ea
0580	Plastic Drum, Fluorescent, Oper	8120253	125.000	Ea
0590	Sign Cover	8120310	1.000	Ea
0600	Sign Cover, Type 1	8120320	3.000	Ea
0610	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0620	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	711.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	711.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	207.000	Sft

0660	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	207.000	Sft
0670	Slope Restoration, Type A	8160100	214.000	Syd
0680	Slope Restoration, Type B	8160101	553.000	Syd
0690	Slope Restoration, Type C	8160102	2,073.000	Syd
0700	Contractor Staking, Road Only	8240007	1.000	LSUM
0710	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0720	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0730	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 025

Letting Date: December 6, 2019

Contract ID: 77024-202464

Description: Spun concrete poles, ITS devices and guardrail on I-69 east of Miller Road, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202464A	1901211	N/A	NH 77024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$15,200.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	18.000	Cyd
0030	Excavation, Earth	2050016	27.000	Cyd
0040	Erosion Control, Silt Fence	2080036	500.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0060	Shoulder, CI II, 6 inch	3070128	260.000	Syd
0070	_ Conduit, Clean and Test	8007001	30.000	Ft
0080	_ Hh, Clean	8007050	1.000	Ea
0090	_ Roadside Unit, Non-intersection	8007050	1.000	Ea
0100	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0110	Guardrail, Type MGS-8	8070004	288.000	Ft
0120	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0130	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0140	Guardrail Reflector	8070080	11.000	Ea
0150	Delineator Reflector, Green	8100133	2.000	Ea
0160	Post, Rigid, Delineator	8100361	2.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Mobile Attenuator	8120180	1.000	Ea
0230	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0250	Sign Cover	8120310	10.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft

0300	Slope Restoration, Type A	8160100	105.000	Syd
0310	Slope Restoration, Type B	8160101	325.000	Syd
0320	Conduit, DB, 2, 3 inch	8190032	40.000	Ft
0330	Conduit, Rem	8190140	45.000	Ft
0340	Fdn, Rem	8200065	1.000	Ea
0350	Contractor Staking, Road Only	8240007	1.000	LSUM
0360	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0370	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0380	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0390	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0400	Lightning Protection, Pole	8260021	1.000	Ea
0410	Microwave Vehicle Detection System	8260040	1.000	Ea
0420	Flowable Fill, Spun Pole Fdn	8260149	2.000	Cyd
0430	Spun Conc Pole, Type A	8260152	1.000	Ea
0440	Drilled Shaft and Conc Skirt, Cased	8260155	1.000	Ea
0450	Surveillance System, Remote Site, Type A	8260157	1.000	Ea
0460	System Integration and Testing	8260160	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 191206 026

Letting Date: December 6, 2019

Contract ID: 82000-203547

Description: 6.20 mi of road reconstruction including hot mix asphalt cold milling and resurfacing, concrete pavement repairs, joint and crack repairs, signing, sidewalk ramps and pavement markings on Mack Avenue from Wayburn Street to Cadieux Road and from Moross Road to Eight Mile Road and on Moross Road from Kelly Road to Mack Avenue in the city of Detroit, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203547A	1901260	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$288,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	885.000	Ft
0030	Sidewalk, Rem	2040055	2,161.000	Syd
0040	_ Misc Pavt, Rem, Patching	2047011	6,748.000	Syd
0050	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0060	Excavation, Earth	2050016	2,300.000	Cyd
0070	_ Embankment, CIP, Modified	2057021	564.000	Cyd
0080	_ Misc Subgrade Undercutting, Type IV	2057021	1,500.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	66.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0110	Project Cleanup	2090001	1.000	LSUM
0120	_ Aggregate Base, 9 inch, Modified	3027011	4,876.000	Syd
0130	Geotextile, Stabilization	3080010	4,500.000	Syd
0140	Dr Structure, Cleaning	4030290	50.000	Ea
0150	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0160	Dr Structure, Temp Lowering	4030390	73.000	Ea
0170	_ Misc Structure Reconstruct	4037001	83.000	Ft
0180	_ Misc San Structure Cover, Adj	4037050	42.000	Ea
0190	_ Misc Structure Cover, Adj	4037050	137.000	Ea
0200	_ Misc Structure Cover, Adj, Furn Cover A	4037050	7.000	Ea
0210	_ Misc Structure Cover, Adj, Furn Cover S	4037050	7.000	Ea
0220	_ Misc Underdrain Trench Lining	4047001	2,539.000	Ft
0230	_ Misc Underdrain, Subgrade, Shallow, 6 inch	4047001	2,539.000	Ft
0240	Cold Milling HMA Surface	5010002	65,854.000	Syd
0250	HMA Surface, Rem	5010005	1,677.000	Syd
0260	Pavt Joint and Crack Repr, Det 8	5010021	2,150.000	Ft

0270	_ Misc Bit Mixture for Patching, Temp	5017031	20.000	Ton
0280	_ Misc Conditioning Existing Pavement	5017031	1,050.000	Ton
0290	_ Misc HMA, 5E10	5017031	5,882.000	Ton
0300	_ Misc HMA, Hand Patching	5017031	393.000	Ton
0310	_ Misc HMA, Wedge	5017031	219.000	Ton
0320	Joint, Contraction, Cp	6020200	2,278.000	Ft
0330	Joint, Expansion, E2	6020207	413.000	Ft
0340	Lane Tie, Epoxy Anchored	6030030	2,000.000	Ea
0350	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	6,945.000	Syd
0360	_ Misc Conc Curb Cap	8027001	2,150.000	Ft
0370	_ Misc Conc Curb Cap, Patching	8027001	1,340.000	Ft
0380	Detectable Warning Surface	8030010	608.000	Ft
0390	Curb Ramp Opening, Conc	8030030	885.000	Ft
0400	Sidewalk Ramp, Conc, 4 inch	8030034	10,780.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	1,504.000	Sft
0420	Sidewalk, Clay Brick Pavers	8030050	2,161.000	Sft
0430	Sidewalk, Clay Brick Pavers, Rem	8030051	2,161.000	Sft
0440	_ Sidewalk Ramp, Conc, 8 inch	8037010	1,183.000	Sft
0450	_ Sidewalk, Conc, 8 inch	8037010	132.000	Sft
0460	_ Misc Field Office	8097043	5.000	Mo
0470	_ Misc Sign, Type B, Perm	8107010	602.000	Sft
0480	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	4,500.000	Ft
0490	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	600.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,000.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	4,500.000	Ft
0520	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	2,750.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	34.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	22.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0570	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	7.000	Ea
0580	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	10,500.000	Ft
0590	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,000.000	Ft
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,500.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,000.000	Ft
0620	Pavt Mrkg, Waterborne, 8 inch, White	8110235	1,000.000	Ft
0630	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	500.000	Ft
0640	Rem Curing Compound, for Spec Mrkg	8110321	1,000.000	Sft
0650	Rem Spec Mrkg	8110343	17,000.000	Sft
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0680	Barricade, Type III, High Intensity, Lighted, Furn	8120022	100.000	Ea

0690	Barricade, Type III, High Intensity, Lighted, Oper	8120023	100.000	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, Type NR, Tape, 4 inch, White, Temp	8120230	1,500.000	Ft
0740	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	27,000.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	27,500.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 8 inch, White, Temp	8120247	750.000	Ft
0780	Plastic Drum, High Intensity, Furn	8120250	650.000	Ea
0790	Plastic Drum, High Intensity, Oper	8120251	650.000	Ea
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	3.000	Ea
0810	Sign Cover	8120310	30.000	Ea
0820	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0830	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0840	Sign, Type B, Temp, Prismatic, Furn	8120350	1,443.000	Sft
0850	Sign, Type B, Temp, Prismatic, Oper	8120351	1,443.000	Sft
0860	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	104.000	Sft
0870	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	104.000	Sft
0880	Traf Regulator Control	8120370	1.000	LSUM
0890	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8127050	3.000	Ea
0900	Topsoil Surface, Furn, 2 inch	8160060	3,755.000	Syd
0910	Water, Sodding/Seeding	8160090	203.000	Unit
0920	_ Misc Turf Grading	8167011	627.000	Syd
0930	_ Sodding, Modified	8167011	3,755.000	Syd
0940	Monument Box Adjust	8210005	1.000	Ea
0950	Monument Preservation	8210010	1.000	Ea
0960	Protect Corners	8210020	1.000	Ea
0970	Staking Plan Errors and Extras, One Person	8240020	20.000	Hr
0980	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0990	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr
1000	_ Contractor Staking, Modified	8247051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 191206 027

Letting Date: December 6, 2019

Contract ID: 82000-203375

Description: Superstructure steel repairs on Grosse Ilse Parkway over Trenton Channel, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203375A	1901259	N/A	EMRP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$287,800.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Mobile Attenuator	8120180	1.000	Ea
0070	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0080	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0090	Sign Cover	8120310	4.000	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	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	160.000	Sft
0150	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	160.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0170	Contractor Staking	8240001	1.000	LSUM
0180	Staking Plan Errors and Extras, One Person	8240020	17.000	Hr
0190	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
0200	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr

Section: 2

0210	Structures, Rem Portions (12006)	2040061	1.000	LSUM
0220	False Decking	7060060	14,060.000	Sft
0230	_ Sidewalk Screws	7077030	50.000	Lb
0240	Beam Plate, Seal Perimeter	7130010	2,500.000	Ft
0250	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	82,248.000	Lb

0260	Support, Suspension, Temp	7130082	286.000	Ea
0270	_ Weld Repairs of Existing Steel Decking	7137001	100.000	Ft
0280	Steel Structure, Cleaning, Partial, Type 4 (12006)	7150047	1.000	LSUM
0290	Steel Structure, Coating, Partial, Type 4 (12006)	7150048	1.000	LSUM
0300	Field Repair of Damaged Coating (12006)	7160001	1.000	LSUM
0310	_ Survey Prism, Install	8507050	44.000	Ea
0320	_ Maintaining Navigation	8507051	1.000	LSUM
0330	_ Structural Components Rem, Salv, and Reinstall	8507051	1.000	LSUM
0340	_ Temporary Conduit Supports	8507051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 191206 028

Letting Date: December 6, 2019

Contract ID: 73000-207999

Description: 1.60 mi of hot mix asphalt base crushing, shaping and resurfacing, drainage and pavement markings on Seymour Road from Bell Road to Dorwood Rd, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207999A	1901029	N/A	STL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
10	Mobilization, Max \$119,600.00	1500001	1.000	LSUM
100	Fence, Rem	2040025	2,000.000	Ft
110	Exploratory Investigation, Vertical	2040080	20.000	Ft
120	Ditch Cleanout	2050006	20.000	Sta
130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
140	Subgrade Undercutting, Type II	2050041	200.000	Cyd
150	_ Ditching, Modified	2057001	6,865.000	Ft
160	_ Machine Grading, Modified	2057002	84.000	Sta
170	Erosion Control, Check Dam, Stone	2080012	200.000	Ft
180	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
190	Erosion Control, Sediment Basin	2080032	50.000	Cyd
20	Clearing	2010001	1.160	Acre
200	Erosion Control, Silt Fence	2080036	5,000.000	Ft
210	Project Cleanup	2090001	1.000	LSUM
220	_ Aggregate Base, Modified	3027031	12,353.000	Ton
230	_ HMA Base Crushing and Shaping, Modified	3057011	24,385.000	Syd
240	_ Remixing Millings	3057011	24,385.000	Syd
250	Trenching	3070200	168.000	Sta
260	_ Shoulder, CI II, Modified	3077031	461.000	Ton
270	Culv End Sect, 12 inch	4010012	10.000	Ea
280	Culv End Sect, 15 inch	4010015	8.000	Ea
290	Culv End Sect, 30 inch	4010030	2.000	Ea
30	Tree, Rem, 19 inch to 36 inch	2020002	13.000	Ea
300	Culv End Sect, 36 inch	4010036	2.000	Ea
310	Culv, CI A, 12 inch	4010131	48.000	Ft
320	Culv, CI A, 15 inch	4010132	192.000	Ft
330	Culv, CI A, 30 inch	4010135	16.000	Ft

340	Culv, CI A, 36 inch	4010136	48.000	Ft
350	Culv, CI F, 12 inch	4010607	112.000	Ft
360	HMA Surface, Rem	5010005	95.000	Syd
370	Hand Patching	5010025	7.000	Ton
380	HMA Approach	5010061	23.000	Ton
390	HMA, LVSP	5010703	4,780.000	Ton
40	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
400	Guardrail, Type MGS-8	8070004	175.000	Ft
410	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
420	Guardrail Reflector	8070080	8.000	Ea
430	Post, Mailbox	8070095	7.000	Ea
440	Post, Steel, 3 lb	8100371	484.000	Ft
450	Sign, Type I, Erect, Salv	8100390	2.000	Ea
460	Sign, Type I, Rem	8100391	2.000	Ea
470	Sign, Type III, Erect, Salv	8100402	22.000	Ea
480	Sign, Type III, Rem	8100403	22.000	Ea
490	Sign, Type V, Rem	8100421	1.000	Ea
50	Tree, Rem, 6 inch to 18 inch	2020004	85.000	Ea
500	Sign, Type V, Erect, Salv	8100422	1.000	Ea
510	Reflective Panel for Permanent Sign Support, 6 foot	8100616	22.000	Ea
520	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	66.000	Ft
530	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,570.000	Ft
550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,715.000	Ft
560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	16,570.000	Ft
570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,715.000	Ft
580	Recessing Pavt Mrkg, Longit	8110450	31,285.000	Ft
590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
60	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
610	Channelizing Device, 42 inch, Furn	8120030	210.000	Ea
620	Channelizing Device, 42 inch, Oper	8120031	210.000	Ea
630	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
640	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
650	Minor Traf Devices	8120170	1.000	LSUM
660	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,100.000	Ft
680	Plastic Drum, High Intensity, Furn	8120250	90.000	Ea
690	Plastic Drum, High Intensity, Oper	8120251	90.000	Ea
70	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
700	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	170.000	Ea
710	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea

720	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
730	Sign, Type B, Temp, Prismatic, Furn	8120350	516.000	Sft
740	Sign, Type B, Temp, Prismatic, Oper	8120351	516.000	Sft
750	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	116.000	Sft
760	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	116.000	Sft
770	Traf Regulator Control	8120370	1.000	LSUM
780	_ Railroad Protection	8127060	5,000.000	Dir
790	Riprap, Plain	8130010	200.000	Syd
80	Culv, End, Rem, Less than 24 inch	2030005	8.000	Ea
800	Mulch Blanket	8160027	9,000.000	Syd
810	_ Slope Restoration	8167011	30,000.000	Syd
820	Monument Box Adjust	8210005	20.000	Ea
830	Monument Preservation	8210010	20.000	Ea
840	_ Liquid Calcium Chloride	8507022	9,755.000	Gal
90	Culv, End, Rem, 24 inch to 48 inch	2030006	4.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 029

Letting Date: December 6, 2019

Contract ID: 73000-202625

Description: 0.73 mi of hot mix asphalt reconstruction, aggregate base, earthwork and drainage on Ambrose Road and Bishop Road from Curtis Road to Shiawasee Refuge Wildlife Drive, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202625A	FLAP071	N/A	FLAP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$59,000.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	655.000	Cyd
0030	Excavation, Earth	2050016	7,664.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0060	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	Subbase, CIP	3010002	4,891.000	Cyd
0080	_ Aggregate Base, 8 inch, Modified	3027011	11,998.000	Syd
0090	Maintenance Gravel	3060020	100.000	Ton
0100	_ Approach, CI I, 8 inch, Modified	3077011	55.000	Syd
0110	_ Shoulder, CI II, 4 inch, Modified	3077011	1,727.000	Syd
0120	Geotextile, Separator	3080005	4,380.000	Syd
0130	Geotextile, Stabilization	3080010	5,144.000	Syd
0140	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0150	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0160	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0170	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0180	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0190	HMA Surface, Rem	5010005	96.000	Syd
0200	HMA Approach	5010061	13.000	Ton
0210	HMA, LVSP	5010703	2,071.000	Ton
0220	Post, Steel, 3 lb	8100371	30.000	Ft
0230	Sign, Type III, Rem	8100403	1.000	Ea
0240	Sign, Type IIIB	8100405	13.000	Sft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea

0270	Channelizing Device, 42 inch, Furn	8120030	80.000	Ea
0280	Channelizing Device, 42 inch, Oper	8120031	80.000	Ea
0290	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0300	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0330	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0340	Sign Cover	8120310	24.000	Ea
0350	Sign, Type A, Temp, Prismatic, Furn	8120340	18.000	Sft
0360	Sign, Type A, Temp, Prismatic, Oper	8120341	18.000	Sft
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	414.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	414.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	33.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	33.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	_ Turf Establishment, Performance, Modified	8167011	3,300.000	Syd
0430	_ Turf Establishment, Pollinator	8167011	3,300.000	Syd
0440	_ Turf Reinforcement Mat, Permanent	8167011	1,650.000	Syd

**Schedule of Pay Items**

Report v1

Letting Call: 191206 030**Letting Date:** December 6, 2019**Contract ID:** 50031-208532**Description:** Installation of Connected Vehicle roadside units includes Wi-Fi detection with travel time analytics along various routes, Macomb County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208532A	1901013	N/A	CMG 50031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$209,900.00	1500001	1.000	LSUM
0020	Channelizing Device, 42 inch, Furn	8120030	10.000	Ea
0030	Channelizing Device, 42 inch, Oper	8120031	10.000	Ea
0040	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	100.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	100.000	Sft
0090	Traf Regulator Control	8120370	1.000	LSUM
0100	_ Controller, ATC 2070 1C Card, Delivered	8207050	9.000	Ea
0110	_ Controller, ATC, Delivered	8207050	27.000	Ea
0120	_ Controller, Frankencable, Delivered	8207050	19.000	Ea
0130	_ Controller, Install	8207050	27.000	Ea
0140	_ Controller, Software, D4 SPaT Upgrade, License, Delivered	8207050	160.000	Ea
0150	_ Controller, Software, D4, License, Delivered	8207050	19.000	Ea
0160	_ Controller, Y-cable, Delivered	8207050	9.000	Ea
0170	_ Detection, Wi-Fi	8207050	55.000	Ea
0180	_ Roadside Unit	8207050	179.000	Ea
0190	_ RSU TFM Subscription	8207050	179.000	Ea
0200	_ RSU, Device Configuration and TFM Integration	8207050	179.000	Ea
0210	_ RSU, MAP File Processing	8207050	179.000	Ea
0220	_ Steel Truss Arm, Steel Pole Mount, 6 Foot	8207050	118.000	Ea
0230	_ Steel Truss Arm, Wood Pole Mount, 6 Foot	8207050	61.000	Ea
0240	_ RSU, Connected Vehicle Lidar Map File	8207051	1.000	LSUM
0250	_ RSU, System Integration and Testing	8207051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 191206 031**Letting Date:** December 6, 2019**Contract ID:** 70000-133046**Description:** Hydrodemolition, deck overlay, joint replacement, beam end repairs and approach work on 68th Avenue over the Grand River, Ottawa County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133046A	N/A	N/A	MCS 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$153,500.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	6.000	Sta
0030	Erosion Control, Filter Bag	2080014	1.000	Ea
0040	Erosion Control, Silt Fence	2080036	200.000	Ft
0050	Cold Milling HMA Surface	5010002	2,407.000	Syd
0060	HMA, 5E10	5010058	265.000	Ton
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,201.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,492.000	Ft
0100	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,256.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0130	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0140	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	952.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	952.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM

Section: 2

0190	_ Debris Removal from River	2047051	1.000	LSUM
0200	Conc, Grade D	7060010	64.000	Cyd
0210	Expansion Joint Device	7060050	232.000	Ft
0220	Expansion Joint Device, Cover Plate	7060051	39.000	Ft
0230	False Decking	7060060	21,761.000	Sft
0240	Reinforcement, Steel, Epoxy Coated	7060092	11,102.000	Lb
0250	Scarifying	7120001	2,256.000	Syd

0260	Hand Chipping, Deep	7120004	5.000	Syd
0270	Patch, Forming	7120017	740.000	Sft
0280	Bridge Deck Surface Construction	7120025	2,256.000	Syd
0290	Conc, Silica Fume Modified	7120027	151.000	Cyd
0300	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	576.000	Ea
0310	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	1,200.000	Ea
0320	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0330	Deck Joint, Rem	7120071	232.000	Ft
0340	Hydrodemolition, First Pass	7120076	2,150.000	Syd
0350	Hydrodemolition, Second Pass	7120077	86.000	Syd
0360	Flushing Cracks, Water	7120098	380.000	Ft
0370	Structural Crack, Repr	7120099	380.000	Ft
0380	_ Hand Chipping, Special	7127010	1,050.000	Sft
0390	_ Beam End Repair, Latex Modified Conc	7127020	520.000	Cft
0400	_ Traffic Control, Boating	8127051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 191206 032

Letting Date: December 6, 2019

Contract ID: 82000-206224

Description: 0.36 mi of integral concrete pavement, aggregate base, underdrain, sidewalk and ramps, signing and pavement markings on Holbrook Avenue from Lumpkin Street to Joseph Campau Avenue, city of Hamtramck, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206224A	1901062	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	12,775.000	Dir
0020	Mobilization, Max \$181,900.00	1500001	1.000	LSUM
0030	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0040	Dr Structure, Rem	2030011	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	100.000	Ft
0060	Curb and Gutter, Rem	2040020	125.000	Ft
0070	Pavt, Rem	2040050	11,500.000	Syd
0080	Sidewalk, Rem	2040055	2,800.000	Syd
0090	_ Paver, Rem and Salv	2047010	250.000	Sft
0100	_ Obstruction Removal, Misc	2047050	1.000	Ea
0110	Embankment, CIP	2050010	300.000	Cyd
0120	Excavation, Earth	2050016	3,000.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	850.000	Cyd
0140	_ Erosion Control, Silt Sack	2087050	20.000	Ea
0150	Aggregate Base, 4 inch	3020010	3,400.000	Syd
0160	Aggregate Base, 6 inch	3020016	1,000.000	Syd
0170	Aggregate Base, 8 inch	3020020	11,000.000	Syd
0180	Maintenance Gravel	3060020	2,000.000	Ton
0190	Sewer, CI IV, 12 inch, Tr Det B	4020987	125.000	Ft
0200	Sewer Tap, 12 inch	4021204	1.000	Ea
0210	Sewer Bulkhead, 12 inch	4021230	3.000	Ea
0220	Video Taping Sewer and Culv Pipe	4021275	125.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	23.000	Ea
0240	Dr Structure Cover, Type B	4030010	6.000	Ea
0250	Dr Structure Cover, Type R	4030070	17.000	Ea
0260	Dr Structure, 24 inch dia	4030200	1.000	Ea
0270	Dr Structure, 48 inch dia	4030210	3.000	Ea

0280	Dr Structure, 60 inch dia	4030220	1.000	Ea
0290	Dr Structure, Cleaning	4030290	20.000	Ea
0300	_ Dr Structure, Reconstruct	4037001	75.000	Ft
0310	_ Sewer Trap, 12 inch	4037050	20.000	Ea
0320	_ Underdrain, Subgrade, 6 Inch, Modified	4047001	5,000.000	Ft
0330	HMA Surface, Rem	5010005	11,000.000	Syd
0340	Conc Pavt with Integral Curb, Nonreinf, 7 inch	6020162	770.000	Syd
0350	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	10,100.000	Syd
0360	Joint, Contraction, Cp	6020200	6,100.000	Ft
0370	Joint, Expansion, E2	6020207	400.000	Ft
0380	Pavt Gapping	6020215	175.000	Ft
0390	Driveway, Nonreinf Conc, 6 inch	8010005	25.000	Syd
0400	Driveway, Nonreinf Conc, 8 inch	8010007	220.000	Syd
0410	Curb and Gutter, Conc, Det F1	8020035	90.000	Ft
0420	Driveway Opening, Conc, Det M	8020050	200.000	Ft
0430	Detectable Warning Surface	8030010	175.000	Ft
0440	Curb Ramp Opening, Conc	8030030	400.000	Ft
0450	Sidewalk Ramp, Conc, 4 inch	8030034	2,300.000	Sft
0460	Sidewalk Ramp, Conc, 7 inch	8030037	2,200.000	Sft
0470	Sidewalk, Conc, 4 inch	8030044	22,000.000	Sft
0480	Sidewalk, Conc, 6 inch	8030046	150.000	Sft
0490	Sidewalk, Conc, 8 inch	8030048	1,500.000	Sft
0500	Band, Sign	8100010	26.000	Ea
0510	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
0520	Post, Steel, 3 lb	8100371	230.000	Ft
0530	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0540	Sign, Type IIIB	8100405	250.000	Sft
0550	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,600.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	350.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0580	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0600	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0610	Pavt Mrkg, Polyurea, 4 inch, White	8110091	400.000	Ft
0620	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,200.000	Ft
0630	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,800.000	Ft
0640	Rem Curing Compound, for Spec Mrkg	8110321	350.000	Sft
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0670	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0680	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0690	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0700	Minor Traf Devices	8120170	1.000	LSUM

0710	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0720	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0730	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	245.000	Sft
0740	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	245.000	Sft
0750	Mulch Blanket	8160027	1,100.000	Syd
0760	Seeding, Mixture THM	8160039	70.000	Lb
0770	Topsoil Surface, Furn, 3 inch	8160061	1,100.000	Syd
0780	Gate Well, Rem	8230076	6.000	Ea
0790	Hydrant, Rem	8230091	4.000	Ea
0800	Water Serv	8230240	45.000	Ea
0810	Water Serv, Long	8230245	5.000	Ea
0820	_ Abandon Water Main, Flowable Fill	8237001	1,800.000	Ft
0830	_ Water Main, DI, 3 inch, Tr Det G, Modified	8237001	160.000	Ft
0840	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	1,990.000	Ft
0850	_ Water Main, Rem	8237001	200.000	Ft
0860	_ Fire Hydrant Assembly	8237050	4.000	Ea
0870	_ Gate Valve and Well, 8 inch, 60 inch dia, Complete	8237050	8.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 033

Letting Date: December 6, 2019

Contract ID: 47000-205847

Description: 0.60 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, sidewalk ramps, earth excavation, storm and sanitary sewer, drainage and pavement markings on North Grand Avenue from South Street north to Sharpe Street in the village of Fowlerville, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205847A	1900968	N/A	STL 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming, Modified	1077051	1.000	LSUM
0020	_ Resident Notification	1077051	1.000	LSUM
0030	Mobilization, Max \$207,700.00	1500001	1.000	LSUM
0040	Tree, Rem, 19 inch to 36 inch	2020002	9.000	Ea
0050	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	11.000	Ea
0070	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0080	Dr Structure, Rem	2030011	14.000	Ea
0090	_ Sewer, Rem, Less than 24 inch, Special	2037001	3,945.000	Ft
0100	_ Sanitary Structure, Rem	2037050	7.000	Ea
0110	Curb and Gutter, Rem	2040020	6,100.000	Ft
0120	Sidewalk, Rem	2040055	1,700.000	Syd
0130	_ Pavt, Rem, Modified	2047011	700.000	Syd
0140	_ Relocating Mailboxes, Modified	2047050	20.000	Ea
0150	_ Miscellaneous Materials, Rem	2047051	1.000	LSUM
0160	Excavation, Earth	2050016	8,000.000	Cyd
0170	Machine Grading	2050030	31.000	Sta
0180	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0190	_ Embankment, CIP, Special	2057021	500.000	Cyd
0200	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	15.000	Ea
0210	Project Cleanup	2090001	1.000	LSUM
0220	Subbase, CIP	3010002	3,250.000	Cyd
0230	_ Aggregate Base, 8 inch, Modified	3027011	8,250.000	Syd
0240	_ Aggregate Base, Modified	3027031	500.000	Ton
0250	Sewer, CI IV, 12 inch, Tr Det B	4020987	785.000	Ft
0260	Sewer, CI IV, 15 inch, Tr Det B	4020988	545.000	Ft

0270	Sewer, CI IV, 18 inch, Tr Det B	4020989	664.000	Ft
0280	Sewer Tap, 12 inch	4021204	3.000	Ea
0290	Sewer Tap, 18 inch	4021206	1.000	Ea
0300	_ Sewer Tap, Sanitary, 8 inch	4027001	1.000	Ft
0310	_ Sewer, SDR 26, Sanitary, 6 inch Lead, Tr Det B	4027001	600.000	Ft
0320	_ Sewer, SDR 26, Sanitary, 8 inch, Tr Det B	4027001	1,781.000	Ft
0330	_ Video Inspection of Sewers, Modified	4027001	3,775.000	Ft
0340	_ Sewer Tap, 6 inch, Special	4027050	10.000	Ea
0350	_ Sewer, SDR 26, Sanitary, 6 inch Service Wye, Tr Det B	4027050	16.000	Ea
0360	_ Bypass Pumping, Sanitary Sewer, Modified	4027051	1.000	LSUM
0370	_ Trace Wire and Locator Tape	4027051	1.000	LSUM
0380	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0390	Dr Structure Cover, Type K	4030050	17.000	Ea
0400	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	32.000	Ft
0410	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	37.000	Ea
0420	_ Dr Structure Cover, Type B, Modified	4037050	11.000	Ea
0430	_ Dr Structure Cover, Type Q, Modified	4037050	7.000	Ea
0440	_ Dr Structure, 48 inch dia, Modified	4037050	5.000	Ea
0450	_ Dr Structure, Storm CB, 48 inch dia	4037050	10.000	Ea
0460	_ Mh, Sanitary, 48 inch dia.	4037050	6.000	Ea
0470	Underdrain, Subbase, 4 inch	4040061	3,500.000	Ft
0480	HMA Surface, Rem	5010005	12,600.000	Syd
0490	HMA, 13A	5010033	4,940.000	Ton
0500	Saw Cut, Intermediate	6030090	800.000	Ft
0510	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	400.000	Syd
0520	_ Driveway, Nonreinf Conc, 9 inch, Modified	8017011	225.000	Syd
0530	_ Curb and Gutter, Conc, Det F4, Modified	8027001	6,000.000	Ft
0540	_ Driveway Opening, Conc, Det M, Modified	8027001	230.000	Ft
0550	Curb Ramp Opening, Conc	8030030	110.000	Ft
0560	_ Detectable Warning Surface, Cast Iron, Special	8037001	100.000	Ft
0570	_ Sidewalk Ramp, Conc, 7 inch, Modified	8037010	1,450.000	Sft
0580	_ Sidewalk, Conc, 4 inch, Modified	8037010	16,250.000	Sft
0590	_ Sidewalk, Conc, 6 inch, Modified	8037010	3,000.000	Sft
0600	_ Sidewalk, Conc, 9 inch, Modified	8037010	1,200.000	Sft
0610	Post, Mailbox	8070095	20.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	325.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	200.000	Ft
0640	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	120.000	Ft
0650	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	11.000	Ea
0670	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea

0700	Pavt Mrkg, Waterborne, 4 inch, White	8110231	900.000	Ft
0710	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,000.000	Ft
0720	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0730	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0740	Dust Palliative, Applied	8120100	20.000	Ton
0750	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0760	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0790	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0800	Sign Cover	8120310	5.000	Ea
0810	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0820	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0830	Traf Regulator Control	8120370	1.000	LSUM
0840	_ Turf Establishment, Performance	8167011	5,000.000	Syd
0850	Monument Box	8210001	1.000	Ea
0860	Gate Box, Adj, Case 1	8230431	3.000	Ea
0870	Gate Box, Adj, Case 2	8230432	2.000	Ea
0880	_ Water Serv, Meter Pit Assembly	8237050	23.000	Ea
0890	_ Water Serv, Modified	8237050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 034

Letting Date: December 6, 2019

Contract ID: 43000-202597

Description: 3.29 mi of hot mix asphalt reconstruction, earthwork, aggregate base and pavement markings on various routes, Lake County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202597A	FLAP076	N/A	FLAP 43000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$140,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Embankment, CIP	2050010	6,600.000	Cyd
0040	Excavation, Earth	2050016	17,500.000	Cyd
0050	Machine Grading	2050030	6.000	Sta
0060	Erosion Control, Check Dam, Stone	2080012	312.000	Ft
0070	Erosion Control, Silt Fence	2080036	14,710.000	Ft
0080	Subbase, CIP	3010002	14,500.000	Cyd
0090	Aggregate Base, 6 inch	3020016	44,370.000	Syd
0100	Maintenance Gravel, LM	3060021	100.000	Cyd
0110	Approach, CI I, 6 inch	3070008	949.000	Syd
0120	Approach, CI II, 6 inch	3070028	728.000	Syd
0130	Shoulder, CI II, 3 inch	3070125	9,415.000	Syd
0140	Culv, CI F, 15 inch	4010608	240.000	Ft
0150	HMA Surface, Rem	5010005	155.000	Syd
0160	HMA, 4E1	5010050	7,125.000	Ton
0170	HMA Approach	5010061	225.000	Ton
0180	Post, Steel, 3 lb	8100371	585.000	Ft
0190	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0200	Sign, Type III, Rem	8100403	17.000	Ea
0210	Sign, Type IIIA	8100404	32.000	Sft
0220	Sign, Type IIIB	8100405	129.000	Sft
0230	Reflective Panel for Permanent Sign Support, 6 foot	8100616	39.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	33,600.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	27,400.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea

0280	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,100.000	Ft
0320	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0330	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	426.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	426.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	36.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	36.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	_ Mulch Blanket, Biodegradable	8167011	11,900.000	Syd
0400	_ Slope Restoration, Modified	8167011	700.000	Syd
0410	_ Slope Restoration, Modified, USFS	8167011	44,175.000	Syd
0420	Monument Box	8210001	2.000	Ea
0430	Monument Preservation	8210010	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 035

Letting Date: December 6, 2019

Contract ID: 82000-203582

Description: 0.94 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps and pavement markings on Allen Road from West Road to King Road in the city of Woodhaven, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203582A	20A0060	N/A	NH 82000

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	Curb and Gutter, Rem	2040020	18.000	Ft
0030	Sidewalk, Rem	2040055	58.000	Syd
0040	_ Misc Pavt, Rem, Patching	2047011	700.000	Syd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	27.000	Ea
0060	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0070	Project Cleanup	2090001	1.000	LSUM
0080	Dr Structure, Temp Lowering	4030390	25.000	Ea
0090	_ Misc Structure Reconstruct	4037001	22.000	Ft
0100	_ Misc San Structure Cover, Adj	4037050	2.000	Ea
0110	_ Misc Structure Cover, Adj, Furn Cover A	4037050	4.000	Ea
0120	_ Misc Structure Cover, Adj	4037050	44.000	Ea
0130	_ Misc Structure Cover, Adj, Furn Cover S	4037050	4.000	Ea
0140	Cold Milling HMA Surface	5010002	33,860.000	Syd
0150	_ Misc Bit Mixture for Patching, Temp	5017031	100.000	Ton
0160	_ Misc Conditioning Existing Pavement	5017031	625.000	Ton
0170	_ Misc HMA, 4E10	5017031	5,121.000	Ton
0180	_ Misc HMA, 5E10	5017031	2,939.000	Ton
0190	_ Misc HMA, Hand Patching	5017031	10.000	Ton
0200	_ Misc HMA, Wedge	5017031	200.000	Ton
0210	Joint, Contraction, Cp	6020200	280.000	Ft
0220	Joint, Expansion, E2	6020207	42.000	Ft
0230	Lane Tie, Epoxy Anchored	6030030	12.000	Ea
0240	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	700.000	Syd
0250	_ Misc Conc Curb Cap	8027001	575.000	Ft
0260	_ Misc Conc Curb Cap, Patching	8027001	680.000	Ft
0270	Detectable Warning Surface	8030010	10.000	Ft

0280	Curb Ramp Opening, Conc	8030030	18.000	Ft
0290	Sidewalk Ramp, Conc, 4 inch	8030034	525.000	Sft
0300	_ Misc Field Office	8097043	4.000	Mo
0310	_ Misc Sign, Type B, Perm	8107010	176.000	Sft
0320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,500.000	Ft
0330	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	250.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0360	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,000.000	Ft
0370	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	13,000.000	Ft
0380	Rem Spec Mrkg	8110343	1,200.000	Sft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0430	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	550.000	Ft
0480	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	250.000	Ft
0490	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	1,000.000	Ft
0500	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,000.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0530	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
0540	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0550	Sign Cover	8120310	6.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,080.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,080.000	Sft
0580	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0590	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Topsoil Surface, Furn, 2 inch	8160060	2,540.000	Syd
0620	Water, Sodding/Seeding	8160090	140.000	Unit
0630	_ Sodding, Modified	8167011	2,540.000	Syd
0640	Monument Box Adjust	8210005	1.000	Ea
0650	Monument Preservation	8210010	1.000	Ea
0660	Protect Corners	8210020	1.000	Ea

**Schedule of Pay Items**

Report v1

Letting Call: 191206 036**Letting Date:** December 6, 2019**Contract ID:** 04000-202424

Description: Bridge replacement with 36 inch prestressed concrete I beams, steel piles, cofferdams, concrete curb and gutter, drainage, guardrail, approach work and pavement markings on Ossineke Road over Devils River, Alpena County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202424A	N/A	N/A	MCS 04000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$83,500.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	4.000	Sta
0030	Guardrail, Rem	2040035	393.000	Ft
0040	Embankment, CIP	2050010	175.000	Cyd
0050	Excavation, Earth	2050016	950.000	Cyd
0060	Erosion Control, Filter Bag	2080014	2.000	Ea
0070	Erosion Control, Silt Fence	2080036	900.000	Ft
0080	_ Subbase, CIP, Modified	3017021	600.000	Cyd
0090	_ Aggregate Base, Modified	3027031	650.000	Ton
0100	Shoulder, CI II	3070121	72.000	Ton
0110	HMA Surface, Rem	5010005	800.000	Syd
0120	Hand Patching	5010025	3.000	Ton
0130	HMA, 13A	5010033	185.000	Ton
0140	Conc Pavt, Bridge Approach, Reinf	6020600	56.000	Syd
0150	_ Curb and Gutter, Bridge Approach, Modified	8027001	82.000	Ft
0160	Guardrail, Type B	8070000	238.000	Ft
0170	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0180	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0190	Guardrail Reflector	8070080	24.000	Ea
0200	_ Installing Guardrail Posts Through HMA	8077050	32.000	Ea
0210	Delineator Reflector, Green	8100133	8.000	Ea
0220	Post, Rigid, Delineator	8100361	4.000	Ea
0230	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	896.000	Ft
0240	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	561.000	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	Minor Traf Devices	8120170	1.000	LSUM
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	36.000	Ft
0290	Sign Cover	8120310	24.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	30.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	30.000	Sft
0340	_ Riprap, Plain, Modified	8137011	10.000	Syd
0350	_ Slope Restoration, Modified	8167011	650.000	Syd

Section: 2

0360	Structures, Rem	2040060	1.000	LSUM
0370	Excavation, Channel	2050015	120.000	Cyd
0380	Backfill, Structure, CIP	2060002	270.000	Cyd
0390	Excavation, Fdn	2060010	1,150.000	Cyd
0400	_ Aggregate Mud Mat	2067021	31.000	Cyd
0410	Erosion Control, Turbidity Curtain, Deep	2080042	200.000	Ft
0420	Underdrain, Fdn, 6 inch	4040033	240.000	Ft
0430	Underdrain Outlet, 6 inch	4040093	58.000	Ft
0440	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0450	Cofferdams	7040007	1.000	LSUM
0460	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0470	Pile, Steel, Furn and Driven, 12 inch	7050030	493.000	Ft
0480	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0490	Pile Point, Steel	7050039	18.000	Ea
0500	Pile, Steel, Splice	7050050	13.000	Ea
0510	Conc, Grade D	7060010	8.000	Cyd
0520	Expansion Joint Device	7060050	34.000	Ft
0530	False Decking	7060060	2,390.000	Sft
0540	Reinforcement, Steel, Epoxy Coated	7060092	22,477.000	Lb
0550	Substructure Conc	7060100	125.000	Cyd
0560	Superstructure Conc	7060110	89.000	Cyd
0570	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0580	Water Repellent Treatment, Penetrating	7060140	29.000	Syd
0590	Bearing, Elastomeric, 1 1/4 inch	7070013	2,730.000	Sin
0600	Prest Conc I Beam, Furn, 36 inch	7080025	424.000	Ft
0610	Prest Conc I Beam, Erect, 36 inch	7080026	424.000	Ft
0620	Joint Waterproofing	7100001	205.000	Sft
0630	Bridge Railing, 2 Tube	7110008	102.000	Ft
0640	Epoxy Ovly	7120020	348.000	Syd
0650	_ Riprap, Heavy, Modified	8137011	250.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 191206 037

Letting Date: December 6, 2019

Contract ID: 61000-205903

Description: 2.30 mi of hot mix asphalt road rehabilitation, base crushing, shaping and resurfacing, concrete curb and gutter, driveway, culverts, aggregate shoulders and pavement markings on River Road from Scenic Drive east to Peterson Road, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205903A	1901037	N/A	STL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Curb and Gutter, Rem	2040020	322.000	Ft
0040	Pavt, Rem	2040050	69.000	Syd
0050	Embankment, CIP	2050010	36.000	Cyd
0060	Excavation, Earth	2050016	216.000	Cyd
0070	Aggregate Base	3020001	228.000	Ton
0080	Aggregate Base, LM	3020002	900.000	Cyd
0090	Aggregate Base, Conditioning	3020051	2.000	Sta
0100	HMA Base Crushing and Shaping	3050002	42,674.000	Syd
0110	Approach, CI I	3070001	206.000	Ton
0120	Shoulder, CI I	3070101	1,882.000	Ton
0130	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0140	Culv, CI E, Conc, 24 inch	4010576	40.000	Ft
0150	HMA Surface, Rem	5010005	370.000	Syd
0160	Edge Trimming	5010009	139.000	Ft
0170	HMA Approach	5010061	18.000	Ton
0180	HMA, LVSP	5010703	7,985.000	Ton
0190	Driveway, Nonreinf Conc, 6 inch	8010005	81.000	Syd
0200	Curb and Gutter, Conc, Det B2	8020016	532.000	Ft
0210	Post, Mailbox	8070095	88.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	23,680.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,025.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0260	Channelizing Device, 42 inch, Furn	8120030	120.000	Ea

0270	Channelizing Device, 42 inch, Oper	8120031	120.000	Ea
0280	Dust Palliative, Applied	8120100	25.000	Ton
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0310	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	366.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	366.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	62.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	62.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Fertilizer, Chemical Nutrient, CI B	8160021	43.000	Lb
0380	Mulch	8160025	305.000	Syd
0390	Mulch Anchoring	8160026	305.000	Syd
0400	Mulch Blanket	8160027	974.000	Syd
0410	Seeding, Mixture TDS	8160037	63.000	Lb
0420	Topsoil Surface, Furn, 3 inch	8160061	1,279.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 191206 038

Letting Date: December 6, 2019

Contract ID: 38000-130209-2

Description: 0.70 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk and pavement markings on Laurence Avenue from the railroad just north of Michigan Avenue to Argyle Street, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130209A	1900685	N/A	STUL 38000
130210A	1900686	N/A	STUL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$68,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,875.000	Ft
0030	Sidewalk, Rem	2040055	160.000	Syd
0040	Dr Structure Cover, Adj, Case 1, Modified	4030004	34.000	Ea
0050	Dr Structure, Temp Lowering	4030390	34.000	Ea
0060	_ Dr Structure, Waterproofing	4037050	62.000	Ea
0070	Cold Milling HMA Surface	5010002	21,700.000	Syd
0080	Pavt for Butt Joints, Rem	5010008	500.000	Syd
0090	Hand Patching	5010025	25.000	Ton
0100	HMA, 4E3	5010051	2,325.000	Ton
0110	HMA, 5E3	5010057	1,725.000	Ton
0120	HMA Approach	5010061	200.000	Ton
0130	Curb and Gutter, Conc, Det C4	8020023	1,550.000	Ft
0140	Detectable Warning Surface	8030010	115.000	Ft
0150	Curb Ramp Opening, Conc	8030030	312.000	Ft
0160	Sidewalk Ramp, Conc, 4 inch	8030034	1,100.000	Sft
0170	Sidewalk, Conc, 4 inch	8030044	650.000	Sft
0180	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,140.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	370.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,975.000	Ft

0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,800.000	Ft
0270	Rem Spec Mrkg	8110343	400.000	Sft
0280	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0290	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0300	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0310	Channelizing Device, 42 inch, Furn	8120030	225.000	Ea
0320	Channelizing Device, 42 inch, Oper	8120031	225.000	Ea
0330	Lighted Arrow, Type B, Furn	8120130	5.000	Ea
0340	Lighted Arrow, Type B, Oper	8120131	5.000	Ea
0350	Ltg for Night Work	8120160	1.000	LSUM
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,200.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,200.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,200.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,200.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	1,200.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,200.000	Ft
0430	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0440	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0450	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	600.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	600.000	Sft
0470	Traf Regulator Control	8120370	1.000	LSUM
0480	_ Railroad Protection, at Grade Crossing	8127060	5,000.000	Dlr
0490	Slope Restoration, Type B	8160101	100.000	Syd
0500	Gate Box, Adj, Temp, Case 1	8230391	1.000	Ea
0510	Gate Box, Adj, Case 1	8230431	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 039

Letting Date: December 6, 2019

Contract ID: 74000-202706

Description: 1.09 mi of concrete driveway, curb, gutter, sidewalk and ramps, hot mix asphalt patching, shared use path grading, aggregate base, drainage and pavement markings at Marlette Elementary, Junior and Senior High Schools and Our Savior Lutheran School in the city of Marlette, Sanilac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202706A	1901148	N/A	TA 74000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,000.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	12.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Curb and Gutter, Rem	2040020	422.000	Ft
0060	Pavt, Rem	2040050	307.000	Syd
0070	Sidewalk, Rem	2040055	2,157.000	Syd
0080	Embankment, CIP	2050010	245.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0100	Erosion Control, Silt Fence	2080036	600.000	Ft
0110	Aggregate Base, 4 inch	3020010	4,020.000	Syd
0120	HMA Base Crushing and Shaping	3050002	295.000	Syd
0130	Culv End Sect, 12 inch	4010012	2.000	Ea
0140	Culv, CI A, 12 inch	4010131	90.000	Ft
0150	Sewer Tap, 12 inch	4021204	2.000	Ea
0160	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0170	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0180	Dr Structure Cover, Type B	4030010	3.000	Ea
0190	Dr Structure Cover, Type D	4030025	7.000	Ea
0200	Dr Structure, 48 inch dia	4030210	2.000	Ea
0210	Hand Patching	5010025	58.000	Ton
0220	Driveway, Reinf Conc, 6 inch	8010001	179.000	Syd
0230	Curb and Gutter, Conc, Det D2	8020031	32.000	Ft
0240	Curb and Gutter, Conc, Det F4	8020038	50.000	Ft
0250	Detectable Warning Surface	8030010	175.000	Ft
0260	Curb Ramp Opening, Conc	8030030	340.000	Ft
0270	Sidewalk Ramp, Conc, 4 inch	8030034	2,590.000	Sft

0280	Sidewalk, Conc, 4 inch	8030044	33,510.000	Sft
0290	_ Shared use Path, Grading, Modified	8067001	6,710.000	Ft
0300	Post, Steel, 3 lb	8100371	434.000	Ft
0310	Sign, Type IIIB	8100405	250.000	Sft
0320	Reflective Panel for Permanent Sign Support, 3 foot	8100613	27.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	500.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	560.000	Ft
0350	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,274.000	Ft
0360	Recessing Pavt Mrkg, Transv	8110451	840.000	Sft
0370	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0380	Pedestrian Type II Channelizer, Temp	8120027	50.000	Ft
0390	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0410	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0420	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	280.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	280.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Seeding, Mixture TUF 220lbs / Acre	8160042	150.000	Lb
0480	Topsoil Surface, Furn, 4 inch	8160062	1,378.000	Syd
0490	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0500	Gate Box, Adj, Case 1	8230431	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 040

Letting Date: December 6, 2019

Contract ID: 08034-207261

Description: Installation of guardrail and slope restoration on various routes, Barry County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207261A	20A0007	N/A	HSIP 08034

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,300.00	1500001	1.000	LSUM
0020	Guardrail, Type B	8070000	10,175.000	Ft
0030	Guardrail, Curved, Type B	8070010	438.000	Ft
0040	Guardrail Approach Terminal, Type 2B	8070042	21.000	Ea
0050	Guardrail Departing Terminal, Type B	8070050	21.000	Ea
0060	Guardrail Reflector	8070080	800.000	Ea
0070	Channelizing Device, 42 inch, Furn	8120030	25.000	Ea
0080	Channelizing Device, 42 inch, Oper	8120031	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, High Intensity, Lighted, Furn	8120260	50.000	Ea
0130	Plastic Drum, High Intensity, Lighted, Oper	8120261	50.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	537.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	537.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0170	Mulch Blanket	8160027	500.000	Syd
0180	Seeding, Mixture THV	8160040	50.000	Lb



Schedule of Pay Items

Report v1

Letting Call: 191206 041

Letting Date: December 6, 2019

Contract ID: 15000-208736

Description: 0.90 mi of road rehabilitation including hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk and pavement markings on Michigan Avenue from Charlevoix Road to North Lake Street, continuing on North Lake street to south of Lakeview Drive in the city of Boyne City, Charlevoix County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208736A	1901064	N/A	STL 15000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	377.000	Ft
0030	Sidewalk, Rem	2040055	220.000	Syd
0040	Excavation, Earth	2050016	12.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0060	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	Approach, CI I, 6 inch	3070008	40.000	Syd
0080	Sewer, CI E, 12 inch, Tr Det B	4020600	7.000	Ft
0090	Dr Structure Cover, Adj, Case 1	4030005	35.000	Ea
0100	Dr Structure Cover, Type G	4030040	1.000	Ea
0110	Dr Structure, 48 inch dia	4030210	1.000	Ea
0120	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0130	Cold Milling HMA Surface	5010002	17,365.000	Syd
0140	HMA Surface, Rem	5010005	43.000	Syd
0150	Hand Patching	5010025	23.000	Ton
0160	HMA, LVSP	5010703	1,500.000	Ton
0170	_ Spillway, HMA	5017011	40.000	Syd
0180	Curb and Gutter, Conc, Det F4	8020038	200.000	Ft
0190	Curb Ramp Opening, Conc	8030030	177.000	Ft
0200	Sidewalk Ramp, Conc, 6 inch	8030036	1,024.000	Sft
0210	Sidewalk, Conc, 4 inch	8030044	925.000	Sft
0220	Sidewalk, Conc, 6 inch	8030046	150.000	Sft
0230	_ Detectable Warning Surface, Cast Iron	8037001	45.000	Ft
0240	Curb Sloped, HMA	8050010	3,635.000	Ft
0250	Post, Steel, 3 lb	8100371	135.000	Ft
0260	Sign, Type III, Erect, Salv	8100402	14.000	Ea
0270	Sign, Type III, Rem	8100403	18.000	Ea

0280	Sign, Type IIIA	8100404	25.000	Sft
0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,600.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,600.000	Ft
0310	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	790.000	Ft
0320	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	90.000	Ft
0330	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	2.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0360	Channelizing Device, 42 inch, Furn	8120030	80.000	Ea
0370	Channelizing Device, 42 inch, Oper	8120031	80.000	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	Plastic Drum, High Intensity, Furn	8120250	80.000	Ea
0420	Plastic Drum, High Intensity, Oper	8120251	80.000	Ea
0430	Sign Cover	8120310	6.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0470	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Slope Restoration, Modified	8167011	800.000	Syd
0500	Gate Box, Adj, Case 1	8230431	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 042

Letting Date: December 6, 2019

Contract ID: 60000-202919-2

Description: 1.16 mi of hot mix asphalt resurfacing, aggregate shoulders, guardrail, signing and pavement markings on County Road 491 from Gamble Road to M-32, Montmorency County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202919A	1900778	N/A	EMRP 60000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$26,700.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,813.000	Ft
0030	Embankment, LM	2050011	100.000	Cyd
0040	Erosion Control, Silt Fence	2080036	50.000	Ft
0050	_ Approach, CI II, Modified	3077031	24.000	Ton
0060	_ Shoulder, CI II, Modified	3077031	160.000	Ton
0070	HMA, 13A	5010033	1,950.000	Ton
0080	HMA Approach	5010061	5.000	Ton
0090	Guardrail, Type B	8070000	1,512.000	Ft
0100	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0110	Guardrail, Salv	8070075	1,813.000	Ft
0120	Guardrail Reflector	8070080	72.000	Ea
0130	Post, Mailbox	8070095	1.000	Ea
0140	Post, Steel, 3 lb	8100371	555.000	Ft
0150	Sign, Type III, Rem	8100403	25.000	Ea
0160	Sign, Type IIIB	8100405	143.000	Sft
0170	_ Sign, Type IIIA, Modified	8107010	32.000	Sft
0180	Pavt Mrkg, Polyurea, 4 inch, White	8110091	809.000	Ft
0190	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	12,274.000	Ft
0200	Pavt Mrkg, Polyurea, 6 inch, White	8110094	12,274.000	Ft
0210	Recessing Pavt Mrkg, Longit	8110450	25,357.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0240	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0250	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	3.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	259.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	982.000	Ft
0310	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0320	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	521.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	521.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	7.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	7.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Ditch, Plain Cobble	8140005	100.000	Syd
0390	Slope Restoration, Type C	8160102	1,325.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 191206 043

Letting Date: December 6, 2019

Contract ID: 12000-206948

Description: Installation of centerline and edge 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
206948A	1901090	N/A	STL 12000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,700.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	3,353,589.000	Ft
0030	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	1,477,741.000	Ft
0040	Minor Traf Devices	8120170	1.000	LSUM
0050	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 191206 044

Letting Date: December 6, 2019

Contract ID: 39000-207188

Description: Installation of signs along various routes, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207188A	20A0006	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,500.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	18,711.000	Ft
0030	Sign, Type III, Erect, Salv	8100402	450.000	Ea
0040	Sign, Type III, Rem	8100403	600.000	Ea
0050	Sign, Type IIIB	8100405	6,982.000	Sft
0060	Reflective Panel for Permanent Sign Support, 6 foot	8100616	630.000	Ea
0070	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0080	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	125.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	125.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 191206 045

Letting Date: December 6, 2019

Contract ID: 24000-206923

Description: Signing at 20 sites on various routes, Emmet County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206923A	20A0040	N/A	HSIP 24000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$18,000.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	7,700.000	Ft
0030	Sign, Type IIIB	8100405	2,271.000	Sft
0040	Reflective Panel for Permanent Sign Support, 6 foot	8100616	550.000	Ea
0050	_ Sign, Type II, Rem, Modified	8107050	7.000	Ea
0060	_ Sign, Type III, Rem, Modified	8107050	175.000	Ea
0070	_ Minor Traf Devices, Modified	8127051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 191206 046

Letting Date: December 6, 2019

Contract ID: 79042-132662

Description: 17.11 mi of hot mix asphalt cold milling and resurfacing, joint repairs and pavement markings on M-15 from M-57 to Proctor Road, on M-46 from M-15 to Vassar Road and on M-46 at the Hurds Corner carpool lot in the village of Millington, cities of Otisville and Vassar, Genesee and Tuscola Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132662A	20A0092	N/A	ST 79042
201406A	N/A	N/A	M 79031
204296A	N/A	N/A	M 79041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$386,000.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	4,715.000	Ton
0030	HMA Quality Initiative	5010007	64,692.000	Dlr
0040	Pavt for Butt Joints, Rem	5010008	40.000	Syd
0050	Longitudinal Joint Density Quality Initiative	5010018	156,760.000	Dlr
0060	Hand Patching	5010025	210.000	Ton
0070	HMA, 5E1	5010056	30,810.000	Ton
0080	HMA Approach	5010061	816.000	Ton
0090	HMA, 5E1, High Stress	5010514	470.000	Ton
0100	HMA Approach, High Stress	5010520	40.000	Ton
0110	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	2,170.000	Ft
0120	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	440.000	Ft
0130	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	344,812.000	Syd
0140	Post, Steel, 3 lb	8100371	14.000	Ft
0150	Sign, Type IIIA	8100404	2.000	Sft
0160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0190	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	60.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	210.000	Ft
0210	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,100.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	42,200.000	Ft
0240	Pavt Mrkg, Waterborne, 6 inch, White	8110233	180,700.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,100.000	Ft

0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	42,200.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	180,700.000	Ft
0280	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	470.000	Ft
0290	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	197.000	Ea
0330	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	197.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	140.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,050.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	140.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,200.000	Ft
0410	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0420	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	30.000	Ft
0440	Sign Cover	8120310	6.000	Ea
0450	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0460	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0470	Sign, Type A, Temp, Prismatic, Furn	8120340	1.000	Sft
0480	Sign, Type A, Temp, Prismatic, Oper	8120341	1.000	Sft
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	2,804.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	2,804.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	_ Rumble Strip, Temp, Portable, Furn	8127050	24.000	Ea
0530	_ Rumble Strip, Temp, Portable, Oper	8127050	24.000	Ea
0540	Monument Box	8210001	3.000	Ea
0550	Monument Preservation	8210010	3.000	Ea
0560	Centerline Corrugations, Milled, HMA	8220013	83,910.000	Ft
0570	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	55,050.000	Ft
0580	_ Railroad Protection, At Grade Crossing	8507060	3,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 191206 047**Letting Date:** December 6, 2019**Contract ID:** 01023-203966

Description: 28.55 mi of single course chip seal with fog seal and pavement markings on M-72 from O'Donnell Road easterly to west of School Drive and on M-33 from the south Presque Isle county line northly to south of Huron Street, Alcona and Presque Isle Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203966A	20A0075	N/A	ST 01023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$199,900.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	3,150.000	Ton
0030	Overband Crack Fill, Lane	5020003	58.020	Lnmi
0040	Chip Seal, Single, Warranty	5050040	686,174.000	Syd
0050	_ Seal, Fog	5057011	686,174.000	Syd
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	180.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	42,125.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	301,000.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	180.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	42,125.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	301,000.000	Ft
0120	Rem Spec Mrkg	8110343	1,012.000	Sft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0150	Pavt Mrkg, Polyurea, School	8110414	4.000	Ea
0160	Protective Ovly, Snowmobile Trail Crossing	8110550	76.000	Syd
0170	_ Traf Control	8127051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 191206 048

Letting Date: December 6, 2019

Contract ID: 05012-204281

Description: 5.76 mi of preventive maintenance including hot mix asphalt repairs, cold milling and resurfacing and pavement markings on US-31 from Old Dixie Highway northerly to south of Richardson Road, Antrim County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204281A	20A0088	N/A	NH 50012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$159,600.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	185.000	Ton
0030	Shoulder, CI II	3070121	1,100.000	Ton
0040	Cold Milling HMA Surface	5010002	133,998.000	Syd
0050	HMA Surface, Rem	5010005	667.000	Syd
0060	HMA Quality Initiative	5010007	29,758.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	63,000.000	Dlr
0080	Hand Patching	5010025	140.000	Ton
0090	HMA, 4E1	5010050	14,739.000	Ton
0100	Post, Wood, 4 inch by 6 inch	8100380	64.000	Ft
0110	Sign, Type II, Rem	8100397	4.000	Ea
0120	Sign, Type IIB	8100399	33.000	Sft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	450.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,350.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	61,258.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	450.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,350.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	61,258.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	160.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,700.000	Ft

0270	Sign Cover	8120310	10.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	1,368.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	1,368.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Monument Box	8210001	2.000	Ea
0320	Monument Box Adjust	8210005	16.000	Ea
0330	Monument Preservation	8210010	2.000	Ea
0340	Centerline Corrugations, Milled, HMA	8220013	27,329.000	Ft
0350	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	25,000.000	Ft
0360	Contractor Staking, Road Only	8240007	1.000	LSUM
0370	Staking Plan Errors and Extras, One Person	8240020	13.000	Hr
0380	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0390	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 049

Letting Date: December 6, 2019

Contract ID: 03112-200584

Description: 3.44 mi of paver placed surface seal, construction of a new maintenance crossover and pavement markings on US-131 from north of 112th Avenue north to 120th Avenue, Allegan County. This project includes a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200584A	20A0082	N/A	NH 03112

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$134,300.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	250.000	Cyd
0030	_ Embankment, CIP, Special	2057021	160.000	Cyd
0040	Erosion Control, Check Dam, Stone	2080012	12.000	Ft
0050	Erosion Control, Sediment Trap	2080034	2.000	Ea
0060	Erosion Control, Silt Fence	2080036	100.000	Ft
0070	Subbase, CIP	3010002	200.000	Cyd
0080	_ Aggregate Base, 8 inch, Modified	3027011	575.000	Syd
0090	Shoulder, CI II	3070121	2,630.000	Ton
0100	Culv End Sect, 12 inch	4010012	2.000	Ea
0110	Culv, CI E, 12 inch	4010539	48.000	Ft
0120	Cold Milling HMA Surface	5010002	1,322.000	Syd
0130	HMA Quality Initiative	5010007	304.000	Dlr
0140	HMA Approach	5010061	152.000	Ton
0150	Overband Crack Fill, Lane	5020003	14.420	Lnmi
0160	Overband Crack Fill, Ramp	5020004	0.760	Lnmi
0170	Paver Placed Surface Seal, Type C, Warranty	5030041	178,800.000	Syd
0180	Cable Barrier, High Tension, Rem	8070200	398.000	Ft
0190	Cable Barrier, Furn and Install (Gibraltar, TL-4)	8070207	343.000	Ft
0200	Cable Barrier Terminal, Furn and Install (Gibraltar, TL-4)	8070208	4.000	Ea
0210	Cable Barrier, Reflector, Furn and Install (Gibraltar)	8070209	25.000	Ea
0220	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	40.000	Ea
0230	Cable Barrier, High Tension, Line Post Fdn	8070221	25.000	Ea
0240	Cable Barrier, High Tension, End Term Fdn	8070223	4.000	Ea
0250	Delineator Reflector, Green	8100133	2.000	Ea
0260	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	4.000	Ea

0270	Post, Flexible, Delineator	8100360	4.000	Ea
0280	Post, Steel, 3 lb	8100371	40.000	Ft
0290	Sign, Type IIIB	8100405	10.000	Sft
0300	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
0320	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	9,640.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	39,400.000	Ft
0340	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	38,690.000	Ft
0350	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,530.000	Ft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0400	Ltg for Night Work	8120160	1.000	LSUM
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Mobile Attenuator	8120180	1.000	Ea
0430	Plastic Drum, Fluorescent, Furn	8120252	1,000.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	1,000.000	Ea
0450	Sign Cover	8120310	30.000	Ea
0460	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0470	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Riprap, Plain	8130010	8.000	Syd
0520	Slope Restoration, Type A	8160100	1,200.000	Syd
0530	Slope Restoration, Type B	8160101	800.000	Syd
0540	Shoulder Corrugations, Ground or Cut, HMA	8220001	70,700.000	Ft
0550	Contractor Staking, Road Only	8240007	1.000	LSUM
0560	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0570	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0580	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 050

Letting Date: December 6, 2019

Contract ID: 82081-130124

Description: Bridge rehabilitation including epoxy overlay, pier and railing replacement, sidewalk, deck patching, structural steel repairs, heat straightening structural steel, cleaning and coating structural steel, abutment patching repairs, water main relocation and approach reconstruction on Miller Road over M-153 (Ford Road) in the city of Dearborn, Wayne County. This project includes a 2 year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130124A	20A0071	N/A	ST 82081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$118,400.00	1500001	1.000	LSUM
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0060	Conc Barrier, Rem	2040010	222.000	Ft
0070	Guardrail, Rem	2040035	287.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0090	Pavt, Rem	2040050	211.000	Syd
0100	Sidewalk, Rem	2040055	176.000	Syd
0110	Exploratory Investigation, Vertical	2040080	50.000	Ft
0120	_ Pavt, Rem, Special	2047011	71.000	Syd
0130	Embankment, CIP	2050010	64.000	Cyd
0140	Excavation, Earth	2050016	164.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	85.000	Cyd
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0170	Erosion Control, Silt Fence	2080036	150.000	Ft
0180	Aggregate Base, 4 inch	3020010	54.000	Syd
0190	Aggregate Base, 8 inch	3020020	18.000	Syd
0200	Aggregate Base, 10 inch	3020026	265.000	Syd
0210	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0220	HMA Surface, Rem	5010005	18.000	Syd
0230	HMA, 4E30	5010053	3.000	Ton
0240	Conc Base Cse, Nonreinf, 10 inch	6020023	18.000	Syd
0250	Joint, Expansion, E3	6020208	42.000	Ft

0260	Shoulder, Nonreinf Conc	6020222	97.000	Syd
0270	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	187.000	Syd
0280	Joint, Contraction, Crg	6030020	20.000	Ft
0290	Lane Tie, Epoxy Anchored	6030030	30.000	Ea
0300	Obstruction Removal	7180100	7,500.000	Dlr
0310	Curb, Conc, Det E1	8020001	16.000	Ft
0320	Sidewalk, Conc, 4 inch	8030044	1,523.000	Sft
0330	Conc Barrier Backfill, CIP	8040030	8.000	Cyd
0340	_ Conc Barrier, Split, Type B, Modified	8047001	30.000	Ft
0350	Guardrail, Type MGS-8	8070004	288.000	Ft
0360	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0370	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0380	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0390	Guardrail Reflector	8070080	9.000	Ea
0400	_ Guardrail Anch, Bridge, Det T1, Modified	8077050	2.000	Ea
0410	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0420	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
0430	Delineator Reflector, Green	8100133	2.000	Ea
0440	Post, Rigid, Delineator	8100361	2.000	Ea
0450	Post, Steel, 3 lb	8100371	45.000	Ft
0460	Sign, Type II, Rem	8100397	1.000	Ea
0470	Sign, Type IIB	8100399	16.000	Sft
0480	Sign, Type III, Rem	8100403	3.000	Ea
0490	Sign, Type IIIB	8100405	13.000	Sft
0500	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	100.000	Ft
0510	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	300.000	Ft
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0540	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0550	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0560	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0570	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0580	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0590	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0600	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0610	Conc Barrier, Temp, Adj	8120080	300.000	Ft
0620	Conc Barrier, Temp, Furn	8120081	480.000	Ft
0630	Conc Barrier, Temp, Oper	8120082	480.000	Ft
0640	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0650	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0660	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0670	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0680	Minor Traf Devices	8120170	1.000	LSUM
0690	Mobile Attenuator	8120180	2.000	Ea
0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120245	128.000	Ft

	White, Temp			
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,600.000	Ft
0720	Plastic Drum, Fluorescent, Furn	8120252	160.000	Ea
0730	Plastic Drum, Fluorescent, Oper	8120253	160.000	Ea
0740	Sign Cover	8120310	10.000	Ea
0750	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0760	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0770	Sign, Type A, Temp, Prismatic, Furn	8120340	68.000	Sft
0780	Sign, Type A, Temp, Prismatic, Oper	8120341	68.000	Sft
0790	Sign, Type B, Temp, Prismatic, Furn	8120350	2,494.000	Sft
0800	Sign, Type B, Temp, Prismatic, Oper	8120351	2,494.000	Sft
0810	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	183.000	Sft
0820	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	183.000	Sft
0830	Slope Restoration, Type A	8160100	9,054.000	Syd
0840	Conduit, Rem	8190140	260.000	Ft
0850	Controller and Cabinet, Rem	8200030	1.000	Ea
0860	Flsh Beacon, Solar Power, Rem	8200072	2.000	Ea
0870	Serv Disconnect, Rem	8200136	1.000	Ea
0880	Gate Valve and Box, 12 inch	8230054	1.000	Ea
0890	Water Main, DI, 12 inch, Tr Det G	8230166	140.000	Ft
0900	Contractor Staking	8240001	1.000	LSUM
0910	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0920	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0930	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr
0940	Flowable Fill, Non-Structural	8260148	10.000	Cyd
0950	_ Railroad Inspection and Flagging	8507060	50,000.000	Dlr
0960	_ Railroad Protection	8507060	50,000.000	Dlr

Section: 2

0970	Backfill, Structure, CIP	2060002	35.000	Cyd
0980	Excavation, Fdn	2060010	35.000	Cyd
0990	Elec Grounding System	7060040	1.000	Ea
1000	False Decking	7060060	6,031.000	Sft
1010	Reinforcement, Steel, Epoxy Coated	7060092	17,828.000	Lb
1020	Substructure Conc, High Performance	7060101	96.000	Cyd
1030	Superstructure Conc, Form, Finish, and Cure (S02 of 82081)	7060111	1.000	LSUM
1040	Superstructure Conc, High Performance	7060116	38.000	Cyd
1050	_ Conc, Grade DM	7067021	1.000	Cyd
1060	Conc Surface Coating (S02 of 82081)	7100010	1.000	LSUM
1070	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	223.000	Ft
1080	Hand Chipping, Shallow	7120003	7.000	Syd
1090	Hand Chipping, Deep	7120004	7.000	Syd
1100	Hand Chipping, Other Than Deck	7120007	250.000	Cft

1110	Patch, Forming	7120017	500.000	Sft
1120	Epoxy Ovly	7120020	520.000	Syd
1130	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	2.000	Ea
1140	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	2.000	Ea
1150	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	150.000	Ea
1160	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	452.000	Ea
1170	Adhesive Anchoring of Vertical Bar, 7/8 inch	7120035	84.000	Ea
1180	Structures, Rehabilitation, Rem Portions (S02 of 82081)	7120070	1.000	LSUM
1190	Masonry Plate, Grout	7120090	13.000	Ea
1200	Patching Conc, C-L	7120112	12.000	Cyd
1210	Embedded Galvanic Anode	7120120	185.000	Ea
1220	_ Hand Chipping, Full Depth	7127020	9.000	Cft
1230	Beam Plate, Seal Perimeter	7130010	234.000	Ft
1240	Heat Straightening Steel (S02 of 82081)	7130040	1.000	LSUM
1250	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	275.000	Lb
1260	Support, Column, Temp	7130080	26.000	Ea
1270	Steel Structure, Cleaning, Type 4 (S02 of 82081)	7150045	1.000	LSUM
1280	Steel Structure, Coating, Type 4 (S02 of 82081)	7150046	1.000	LSUM
1290	Field Repair of Damaged Coating (S02 of 82081)	7160001	1.000	LSUM
1300	Fence, Structure	8080110	1,790.000	Sft



Schedule of Pay Items

Report v1

Letting Call: 191206 051

Letting Date: December 6, 2019

Contract ID: 23061-131034

Description: 12.16 mi of freeway signing upgrades on I-69 from Island Highway to I-96 in the cities of Charlotte and Pottersville, Eaton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131034A	20A0100	N/A	IMG 23061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$112,600.00	1500001	1.000	LSUM
0020	Guardrail, Type MGS-8	8070004	688.000	Ft
0030	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0040	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0050	Guardrail Reflector	8070080	22.000	Ea
0060	Guardrail, Reconst, Type B	8070105	196.000	Ft
0070	Band, Sign	8100010	6.000	Ea
0080	Bridge Sign Connection, Conc, Type A1	8100031	15.000	Ea
0090	Bridge Sign Connection, Conc, Type E	8100035	1.000	Ea
0100	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
0110	Bridge Sign Connection, Steel, Type H	8100067	3.000	Ea
0120	Bridge Sign Connection, Steel, Type J	8100069	1.000	Ea
0130	Bridge Sign Connection, Type A, Rem	8100080	17.000	Ea
0140	Bridge Sign Connection, Type E, Rem	8100084	5.000	Ea
0150	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
0160	Cantilever, Rem	8100090	1.000	Ea
0170	Cantilever, Type E	8100104	1.000	Ea
0180	Column, Breakaway, W8 x 13	8100120	12.000	Ea
0190	Column, Breakaway, W8 x 18	8100121	16.000	Ea
0200	Fdn, Breakaway, W8 x 13	8100160	12.000	Ea
0210	Fdn, Breakaway, W8 x 18	8100161	16.000	Ea
0220	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	26.000	Ft
0230	Fdn, Cantilever, Rem	8100190	1.000	Ea
0240	Fdn, Column Breakaway, Rem	8100220	24.000	Ea
0250	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	145.000	Ft
0260	Fdn, Truss, Rem	8100260	2.000	Ea
0270	Fdn, Wood Support, Rem	8100280	153.000	Ea

0280	Installing MDOT Supplied Sign, Type III	8100302	18.000	Ea
0290	Median Barrier Connection, Conc	8100310	1.000	Ea
0300	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	1.000	Ea
0310	Perforated Steel Square Tube Breakaway System	8100330	53.000	Ea
0320	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	4.000	Ea
0330	Post Hole Through Conc for Steel Post	8100340	5.000	Ea
0340	Post Hole Through Conc for Wood Post	8100341	5.000	Ea
0350	Post, Steel, 3 lb	8100371	6,656.000	Ft
0360	Post, Wood, 4 inch by 6 inch	8100380	1,298.000	Ft
0370	Post, Wood, 6 inch by 8 inch	8100382	1,448.000	Ft
0380	Sign, Type I, Rem	8100391	42.000	Ea
0390	Sign, Type IA	8100392	4,686.000	Sft
0400	Sign, Type IB	8100393	146.000	Sft
0410	Sign, Type II, Rem	8100397	84.000	Ea
0420	Sign, Type IIA	8100398	1,284.000	Sft
0430	Sign, Type IIB	8100399	359.000	Sft
0440	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0450	Sign, Type III, Rem	8100403	395.000	Ea
0460	Sign, Type IIIA	8100404	672.000	Sft
0470	Sign, Type IIIB	8100405	1,015.000	Sft
0480	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0490	Sign, Type V, Rem	8100421	5.000	Ea
0500	Sign, Type VA	8100424	176.000	Sft
0510	Sign, Type VB	8100425	828.000	Sft
0520	Truss, Rem	8100440	1.000	Ea
0530	Truss, Type E, 60 foot	8100486	1.000	Ea
0540	Truss, Type E, 70 foot	8100488	1.000	Ea
0550	Reflective Panel for Permanent Sign Support, 3 foot	8100613	82.000	Ea
0560	Reflective Panel for Permanent Sign Support, 6 foot	8100616	113.000	Ea
0570	_ Bridge Sign Connection, Type J, Rem	8107050	1.000	Ea
0580	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0590	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0600	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Mobile Attenuator	8120180	2.000	Ea
0640	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0650	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0660	Sign Cover	8120310	10.000	Ea
0670	Sign Cover, Type 1	8120320	5.000	Ea
0680	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0690	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea

0700	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0710	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	Slope Restoration, Type A	8160100	1,390.000	Syd
0740	Slope Restoration, Type B	8160101	220.000	Syd
0750	Contractor Staking, Road Only	8240007	1.000	LSUM
0760	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0770	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0780	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 052

Letting Date: December 6, 2019

Contract ID: 77111-131033

Description: 23.00 mi of freeway and non-freeway signing upgrades on I-94 from County Line Road to Griswold Road and I-69BL from 27th Street to 6th Street in the city of Port Huron, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131033A	20A0094	N/A	IMG 77111
204857A	20A0098	N/A	HSIP 77023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,400.00	1500001	1.000	LSUM
0020	Bridge Sign Connection, Bolt Replacement	8100020	4.000	Ea
0030	Bridge Sign Connection, Conc, Type A1	8100031	31.000	Ea
0040	Bridge Sign Connection, Steel, Type F	8100065	3.000	Ea
0050	Bridge Sign Connection, Steel, Type G	8100066	1.000	Ea
0060	Bridge Sign Connection, Type A, Rem	8100080	31.000	Ea
0070	Bridge Sign Connection, Type C, Rem	8100082	1.000	Ea
0080	Bridge Sign Connection, Type D, Rem	8100083	1.000	Ea
0090	Bridge Sign Connection, Type E, Rem	8100084	1.000	Ea
0100	Column, Breakaway, W8 x 13	8100120	38.000	Ea
0110	Column, Breakaway, W8 x 18	8100121	14.000	Ea
0120	Fdn, Breakaway, W8 x 13	8100160	38.000	Ea
0130	Fdn, Breakaway, W8 x 18	8100161	14.000	Ea
0140	Fdn, Column Breakaway, Rem	8100220	46.000	Ea
0150	Fdn, Wood Support, Rem	8100280	152.000	Ea
0160	Installing MDOT Supplied Sign, Type III	8100302	34.000	Ea
0170	Perforated Steel Square Tube Breakaway System	8100330	60.000	Ea
0180	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	42.000	Ea
0190	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
0200	Post, Steel, 3 lb	8100371	9,478.000	Ft
0210	Post, Wood, 4 inch by 6 inch	8100380	988.000	Ft
0220	Post, Wood, 6 inch by 8 inch	8100382	2,118.000	Ft
0230	Sign, Type I, Rem	8100391	65.000	Ea
0240	Sign, Type IA	8100392	5,476.000	Sft
0250	Sign, Type IB	8100393	174.000	Sft
0260	Sign, Type II, Rem	8100397	120.000	Ea

0270	Sign, Type IIA	8100398	1,712.000	Sft
0280	Sign, Type IIB	8100399	723.000	Sft
0290	Sign, Type III, Rem	8100403	372.000	Ea
0300	Sign, Type IIIA	8100404	2,572.000	Sft
0310	Sign, Type IIIB	8100405	758.000	Sft
0320	Sign, Type VB	8100425	320.000	Sft
0330	Reflective Panel for Permanent Sign Support, 3 foot	8100613	86.000	Ea
0340	Reflective Panel for Permanent Sign Support, 6 foot	8100616	351.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0390	High Intensity Light, Type B, Furn	8120110	5.000	Ea
0400	High Intensity Light, Type B, Oper	8120111	5.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Mobile Attenuator	8120180	4.000	Ea
0450	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
0470	Sign Cover	8120310	22.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	12.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	12.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	2,250.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	2,250.000	Sft
0520	Contractor Staking	8240001	1.000	LSUM
0530	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0540	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0550	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 053

Letting Date: December 6, 2019

Contract ID: 46061-208921

Description: 0.02 mi of hot mix asphalt including replacement of the Hawley County Drain culvert, concrete curb and gutter, drainage, steel sheet piling, guardrail, slope restoration and pavement markings on US-223 at Springville Highway, Lenawee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208921A	N/A	N/A	M 46061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0070	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0080	Fence, Rem	2040025	10.000	Ft
0090	Guardrail, Rem	2040035	213.000	Ft
0100	Pavt, Rem	2040050	152.000	Syd
0110	Exploratory Investigation, Vertical	2040080	30.000	Ft
0120	Embankment, CIP	2050010	330.000	Cyd
0130	Excavation, Earth	2050016	600.000	Cyd
0140	_ Flowable Fill	2057021	10.000	Cyd
0150	Backfill, Structure, CIP	2060002	1,500.000	Cyd
0160	Excavation, Fdn	2060010	1,600.000	Cyd
0170	Erosion Control, Check Dam, Stone	2080012	57.000	Ft
0180	Erosion Control, Filter Bag	2080014	2.000	Ea
0190	Erosion Control, Gravel Filter Berm	2080018	90.000	Ft
0200	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0210	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0220	Erosion Control, Sediment Trap	2080034	5.000	Ea
0230	Erosion Control, Silt Fence	2080036	500.000	Ft
0240	Erosion Control, Turbidity Curtain, Shallow	2080044	20.000	Ft
0250	Subbase, CIP	3010002	200.000	Cyd
0260	Aggregate Base, 6 inch	3020016	340.000	Syd
0270	Aggregate Base, 12 inch	3020030	232.000	Syd

0280	Maintenance Gravel, LM	3060021	100.000	Cyd
0290	Shoulder, CI II, 5 inch	3070127	132.000	Syd
0300	Shoulder, CI II, 8 inch	3070130	54.000	Syd
0310	Trenching	3070200	4.000	Sta
0320	Culv End Sect, 12 inch	4010012	1.000	Ea
0330	Culv, CI E, 96 inch	4010554	88.000	Ft
0340	Culv, Downspout, 12 inch	4010795	88.000	Ft
0350	_ Culv Bedding	4017021	20.000	Cyd
0360	Trench Undercut and Backfill	4021260	100.000	Cyd
0370	Video Taping Sewer and Culv Pipe	4021275	88.000	Ft
0380	Underdrain, Fdn, 6 inch	4040033	100.000	Ft
0390	Underdrain, Subbase, 6 inch	4040063	120.000	Ft
0400	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0410	Underdrain Outlet, 6 inch	4040093	160.000	Ft
0420	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
0430	Cold Milling HMA Surface	5010002	102.000	Syd
0440	HMA Surface, Rem	5010005	294.000	Syd
0450	HMA Quality Initiative	5010007	446.000	Dlr
0460	Edge Trimming	5010009	416.000	Ft
0470	Longitudinal Joint Density Quality Initiative	5010018	596.000	Dlr
0480	HMA Approach	5010061	153.000	Ton
0490	HMA, Temp Pavt (LVSP)	5020807	70.000	Ton
0500	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	600.000	Sft
0510	_ Bypass Pumping	7047050	2.000	Ea
0520	_ Construction Dam	7047050	2.000	Ea
0530	Conc, Grade S2	7060011	141.000	Cyd
0540	Reinforcement, Steel, Culv and Headwall	7060091	200.000	Lb
0550	Reinforcement, Steel, Epoxy Coated	7060092	18,579.000	Lb
0560	Joint Waterproofing	7100001	90.000	Sft
0570	_ Geotextile Retaining Wall, Temp	8007011	25.000	Syd
0580	Curb and Gutter, Bridge Approach	8020010	70.000	Ft
0590	Curb and Gutter, Conc, Det D2	8020031	10.000	Ft
0600	Downspout Header, Conc	8020070	4.000	Ea
0610	Guardrail, Type B	8070000	175.000	Ft
0620	Guardrail, Curved, Type B	8070010	38.000	Ft
0630	Guardrail Reflector	8070080	8.000	Ea
0640	Guardrail, Reconst, Type B	8070105	50.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,000.000	Ft
0660	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,000.000	Ft
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0690	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	2.000	Ea
0700	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea

0710	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0720	Conc Barrier, Temp, Adj	8120080	392.000	Ft
0730	Conc Barrier, Temp, Furn	8120081	392.000	Ft
0740	Conc Barrier, Temp, Oper	8120082	392.000	Ft
0750	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0760	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Mobile Attenuator	8120180	1.000	Ea
0790	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,000.000	Ft
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	663.000	Ft
0810	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0820	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0830	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0840	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	66.000	Ft
0850	PTS System, Temp, Furn	8120270	1.000	Ea
0860	PTS System, Temp, Oper	8120271	1.000	Ea
0870	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0880	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0890	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0900	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	268.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	268.000	Sft
0930	Traf Regulator Control	8120370	1.000	LSUM
0940	Riprap, Plain	8130010	420.000	Syd
0950	Slope Restoration, Type A	8160100	200.000	Syd
0960	Slope Restoration, Type B	8160101	700.000	Syd
0970	Slope Restoration, Type C	8160102	400.000	Syd
0980	Slope Restoration, Type D	8160103	200.000	Syd
0990	_ Turf Reinforcement Mat, Permanent	8167011	600.000	Syd
1000	Monument Box	8210001	1.000	Ea
1010	Monument Box Adjust	8210005	1.000	Ea
1020	Monument Preservation	8210010	1.000	Ea
1030	Monument Preservation, Vertical	8210015	1.000	Ea
1040	Protect Corners	8210020	1.000	Ea
1050	Centerline Corrugations, Milled, HMA	8220013	80.000	Ft
1060	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	160.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 191206 054

Letting Date: December 6, 2019

Contract ID: 41131-201312

Description: Median bridge barrier replacement with ITS work on US-131 southbound over the Grand River and Fulton Street in the city of Grand Rapids, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201312A	20A0073	N/A	NH 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$55,100.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0030	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0040	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0050	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	2.000	Ea
0060	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	2.000	Ea
0070	Conc Barrier Reflector Replacement	8120070	15.000	Ea
0080	Conc Barrier, Temp, Furn	8120081	1,150.000	Ft
0090	Conc Barrier, Temp, Oper	8120082	1,150.000	Ft
0100	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0110	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0140	Ltg for Night Work	8120160	1.000	LSUM
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Mobile Attenuator	8120180	1.000	Ea
0170	Pavt Mrkg Cover, Type R, Black	8120200	1,100.000	Ft
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,800.000	Ft
0190	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0210	Sign Cover	8120310	20.000	Ea
0220	Sign Cover, Type 1	8120320	2.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0240	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,443.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	1,443.000	Sft

0270	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0280	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0290	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	20.000	Ea
0300	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	20.000	Ea
0310	Cable, Rem	8190016	1,600.000	Ft
0320	Contractor Staking	8240001	1.000	LSUM
0330	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0340	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0350	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr
0360	Fiber Optic, Cable, Single Mode Fiber, 12F	8260047	1,900.000	Ft
0370	Fiber Optic, Cable, Single Mode Fiber, 36F	8260049	1,900.000	Ft
0380	Fiber Optic, Pigtail	8260071	2.000	Ea

Section: 2

0390	Reinforcement, Steel, Epoxy Coated	7060092	17,395.000	Lb
0400	_ Conduit, Schedule 40 PVC, 3 inch, Structure	7067001	974.000	Ft
0410	_ Expansive Waterstop	7067001	974.000	Ft
0420	_ False Decking, Spec	7067010	9,700.000	Sft
0430	_ Bridge Barrier Railing, Type 4, Modified, High Performance	7117001	974.000	Ft
0440	Hand Chipping, Other Than Deck	7120007	18.000	Cft
0450	Patch, Forming	7120017	36.000	Sft
0460	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	2,196.000	Ea
0470	Structures, Rehabilitation, Rem Portions (B04-2 of 41131)	7120070	1.000	LSUM
0480	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
0490	Patching Conc, C-L	7120112	2.000	Cyd
0500	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	215.000	Lb
0510	_ Barrier Wall Junction Box	8197050	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 055

Letting Date: December 6, 2019

Contract ID: 82101-207228

Description: Traffic signal modernization including sidewalk ramp upgrades and ITS/connected vehicle installation on Old M-14 at McClumpha Road, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207228A	N/A	N/A	RP 82101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Sidewalk Ramp Layout	1047051	1.000	LSUM
0020	Mobilization, Max \$21,600.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	37.000	Ft
0040	Pavt, Rem	2040050	9.000	Syd
0050	Exploratory Investigation, Vertical	2040080	30.000	Ft
0060	Excavation, Earth	2050016	4.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0090	Erosion Control, Maintenance, Sediment Removal	2080026	2.000	Cyd
0100	Erosion Control, Silt Fence	2080036	25.000	Ft
0110	Subbase, LM	3010003	6.000	Cyd
0120	Aggregate Base, 6 inch	3020016	12.000	Syd
0130	Maintenance Gravel, LM	3060021	20.000	Cyd
0140	Hand Patching	5010025	4.000	Ton
0150	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0160	_ Roadside Unit, Intersection	8007050	1.000	Ea
0170	Curb and Gutter, Conc, Det F6	8020040	20.000	Ft
0180	Detectable Warning Surface	8030010	10.000	Ft
0190	Curb Ramp Opening, Conc	8030030	16.000	Ft
0200	Sidewalk Ramp, Conc, 6 inch	8030036	155.000	Sft
0210	Sidewalk, Conc, 4 inch	8030044	140.000	Sft
0220	Post, Steel, 3 lb	8100371	128.000	Ft
0230	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0240	Sign, Type III, Rem	8100403	7.000	Ea
0250	Sign, Type IIIB	8100405	44.000	Sft
0260	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	210.000	Ft
0270	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	110.000	Ft

0280	Rem Spec Mrkg	8110343	350.000	Sft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0310	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0330	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Mobile Attenuator	8120180	2.000	Ea
0380	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0390	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0400	Sign Cover	8120310	10.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0450	Conduit, DB, 1, 1 1/2 inch	8190027	15.000	Ft
0460	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
0470	Conduit, DB, 4, 3 inch	8190038	15.000	Ft
0480	Hh, Polymer Conc	8190250	2.000	Ea
0490	Hh, Round, 3 foot dia	8190259	1.000	Ea
0500	Hh, Round	8190260	3.000	Ea
0510	Cable, Sec, 600V, 1, 3/C#6	8190399	15.000	Ft
0520	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
0530	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0540	Controller and Cabinet, Rem	8200030	1.000	Ea
0550	Controller Fdn, Base Mount	8200045	1.000	Ea
0560	Fdn, Rem	8200065	1.000	Ea
0570	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0580	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
0590	Pushbutton and Sign	8200121	2.000	Ea
0600	Serv Disconnect	8200135	1.000	Ea
0610	Span Wire	8200140	4.000	Ea
0620	Span Wire, Rem	8200141	1.000	Ea
0630	Span Wire Tether	8200142	4.000	Ea
0640	Steel Pole, Rem	8200145	1.000	Ea
0650	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0660	Cabinet, NEMA Type	8200186	1.000	Ea
0670	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0680	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0690	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea

0700	Wireless Vehicle Detection System	8200422	1.000	Ea
0710	Wireless Vehicle Sensor Node	8200425	12.000	Ea
0720	Junction Box, Span Wire	8200456	4.000	Ea
0730	Junction Box, Rem	8200457	1.000	Ea
0740	TS Face, Bag	8200458	4.000	Ea
0750	TS Face, Bag, Rem	8200459	4.000	Ea
0760	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0770	Strain Pole Fdn, 6 Bolt	8200470	53.000	Ft
0780	Casing	8200480	39.000	Ft
0790	Cellular Modem, TS, 4G	8200498	1.000	Ea
0800	Backplate, TS	8200501	8.000	Ea
0810	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0820	Contractor Staking, Road Only	8240007	1.000	LSUM
0830	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0840	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0850	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
0860	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0870	Lightning Protection, Pole	8260021	1.000	Ea



11/7/2019 4:05 PM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191206 056

Letting Date: December 6, 2019

Contract ID: 12021-201123

Description: 27.14 mi of sign upgrades at appropriate stop control intersections on US-12 from Saint Joseph Road to Squires Road in the cities of Bronson, Coldwater and Quincy, Branch County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201123A	20A0093	N/A	HSIP 12021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,500.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	5,530.000	Ft
0030	Post, Wood, 4 inch by 6 inch	8100380	480.000	Ft
0040	Sign, Type III, Erect, Salv	8100402	29.000	Ea
0050	Sign, Type III, Rem	8100403	155.000	Ea
0060	Sign, Type IIIA	8100404	916.000	Sft
0070	Sign, Type IIIB	8100405	1,222.000	Sft
0080	Sign, Type VB	8100425	215.000	Sft
0090	Reflective Panel for Permanent Sign Support, 6 foot	8100616	389.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	160.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	160.000	Sft
0130	Contractor Staking, Road Only	8240007	1.000	LSUM
0140	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0150	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0160	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 057

Letting Date: December 6, 2019

Contract ID: 67022-204027

Description: 4.71 mi of hot mix asphalt cold milling and resurfacing, single course chip sealing, fiber reinforced bituminous membrane and pavement markings on US-10 from US-131 east to 200th Avenue and from 110th Avenue to west of Lauman Road, Osceola County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204027A	20A0087	N/A	NH 67022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$152,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,000.000	Ton
0030	Cold Milling HMA Surface	5010002	58,238.000	Syd
0040	Bump Grinding	5010004	300.000	Syd
0050	HMA Quality Initiative	5010007	21,394.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	43,715.000	Dlr
0070	HMA, 5E1	5010056	9,865.000	Ton
0080	HMA Approach	5010061	832.000	Ton
0090	Fine Textured Pavement Milling	5010100	48,980.000	Syd
0100	_ Fiber Reinf Bituminous Membrane, Type B	5047011	26,564.000	Syd
0110	Seal, Single Chip	5050001	20,283.000	Syd
0120	Delineator Reflector, Green	8100133	64.000	Ea
0130	Delineator, Rem	8100349	72.000	Ea
0140	Post, Rigid, Delineator	8100361	64.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0170	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	252.000	Ft
0180	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	119.000	Ft
0190	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	156.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	361.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,630.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	30,823.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	54,841.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,630.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	30,823.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	54,841.000	Ft
0270	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr

0280	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	181.000	Ea
0290	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	181.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0320	Ltg for Night Work	8120160	1.000	LSUM
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,966.000	Ft
0350	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	76.000	Ea
0360	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	259.000	Ea
0370	Sign Cover	8120310	6.000	Ea
0380	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0390	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	760.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	760.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Wireless Vehicle Sensor Node, Salv	8200427	10.000	Ea
0440	Centerline Corrugations, Milled, HMA	8220013	19,446.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 191206 058

Letting Date: December 6, 2019

Contract ID: 41031-200171

Description: 1.77 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-37 from north of 44th Street north to north of 32nd Street in the city of Kentwood, Kent County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200171A	20A0095	N/A	NH 41031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$85,100.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	100.000	Ton
0030	Cold Milling HMA Surface	5010002	75,500.000	Syd
0040	Bump Grinding	5010004	200.000	Syd
0050	HMA Quality Initiative	5010007	12,840.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	26,200.000	Dlr
0070	HMA, 5E10	5010058	5,190.000	Ton
0080	HMA Approach	5010061	1,230.000	Ton
0090	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	500.000	Ft
0100	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	1,000.000	Ft
0110	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	225.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,700.000	Ft
0130	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,050.000	Ft
0140	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	18,800.000	Ft
0150	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	18,800.000	Ft
0160	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0170	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	12.000	Ea
0180	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	550.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	550.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0250	Ltg for Night Work	8120160	1.000	LSUM
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,600.000	Ft
0280	Sign Cover	8120310	20.000	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	2,130.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	2,130.000	Sft
0330	_ Railroad Inspection and Flagging	8507060	6,000.000	Dlr
0340	_ Railroad Protection	8507060	20,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 191206 059

Letting Date: December 6, 2019

Contract ID: 39041-132617

Description: 0.76 mi of installation of corridor traffic responsive signal system including fiber optic interconnect and signal equipment on Stadium Drive (US-131BL) at 4 locations from 11th Street to Seneca Lane in the city of Kalamazoo, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132617A	20A0072	N/A	CMG 39041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,200.00	1500001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	100.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0040	_ Wireless Link, 5.8GHz, AP	8007050	1.000	Ea
0050	_ Wireless Link, 5.8GHz, SU	8007050	1.000	Ea
0060	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0070	Post, Wood, 4 inch by 6 inch	8100380	20.000	Ft
0080	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0120	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0130	Sign Cover	8120310	10.000	Ea
0140	Sign, Type A, Temp, Prismatic, Furn	8120340	40.000	Sft
0150	Sign, Type A, Temp, Prismatic, Oper	8120341	40.000	Sft
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0180	Slope Restoration, Type C	8160102	1,180.000	Syd
0190	Conduit, DB, 2, 3 inch	8190032	380.000	Ft
0200	Conduit, DB, 3, 3 inch	8190035	940.000	Ft
0210	Hh, Polymer Conc	8190250	4.000	Ea
0220	Hh, Round, 3 foot dia	8190259	9.000	Ea
0230	Conduit, Directional Bore, 2, 3 inch	8190604	1,165.000	Ft
0240	Conduit, Directional Bore, 3, 3 inch	8190606	295.000	Ft
0250	_ Conduit, DB, 1, 1 inch	8197001	40.000	Ft
0260	Controller and Cabinet, Rem	8200030	2.000	Ea

0270	Controller, Rem	8200049	1.000	Ea
0280	Cabinet, NEMA Type	8200186	2.000	Ea
0290	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0300	Bracket, Truss, Rem	8200388	1.000	Ea
0310	Wireless Intercn, Closed Loop, Rem	8200396	3.000	Ea
0320	Wireless Repeater	8200421	2.000	Ea
0330	Wireless Vehicle Detection System	8200422	1.000	Ea
0340	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
0350	Wireless Vehicle Detection System, Salv	8200424	1.000	Ea
0360	Wireless Vehicle Sensor Node	8200425	6.000	Ea
0370	Hemispherical Video Detection Camera	8200444	3.000	Ea
0380	Hemispherical Video Detection System	8200445	2.000	Ea
0390	_ Controller, NEMA, ATC Type	8207050	4.000	Ea
0400	Contractor Staking	8240001	1.000	LSUM
0410	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0420	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0430	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
0440	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0450	Lightning Protection, Pole	8260021	2.000	Ea
0460	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	3,230.000	Ft
0470	Fiber Optic, Hardware Assembly, Small	8260065	5.000	Ea
0480	Tracer Wire	8260070	2,870.000	Ft
0490	Fiber Optic, Pigtail	8260071	60.000	Ea
0500	Fiber Optic, Jumper	8260072	20.000	Ea
0510	Managed Field Ethernet Switch, Layer 2	8260080	6.000	Ea
0520	Surveillance System, Remote Site, Type A	8260157	3.000	Ea
0530	System Integration and Testing	8260160	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 191206 060

Letting Date: December 6, 2019

Contract ID: 16021-204279

Description: 1.30 mi of hot mix asphalt micro-cold milling and ultra-thin overlay, pavement repairs and pavement markings on M-68 from South Straits Highway to I-75, Cheboygan County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204279A	20A0097	N/A	ST 16021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,500.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0030	HMA Surface, Rem	5010005	2,180.000	Syd
0040	Hand Patching	5010025	420.000	Ton
0050	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	40,520.000	Syd
0060	HMA, Ultra-Thin, Low Volume, Warranty	5040100	40,520.000	Syd
0070	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	246.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0110	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	512.000	Ft
0120	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	120.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	706.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,365.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	13,330.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	706.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	17,365.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	13,330.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0200	Recessing Pavt Mrkg, Longit	8110450	31,401.000	Ft
0210	Recessing Pavt Mrkg, Transv	8110451	564.000	Sft
0220	Protective Ovly, Snowmobile Trail Crossing	8110550	102.000	Syd
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Ltg for Night Work	8120160	1.000	LSUM

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Sign Cover	8120310	10.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	1,128.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	1,128.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	Monument Box	8210001	1.000	Ea
0340	Monument Box Adjust	8210005	1.000	Ea
0350	Contractor Staking, Road Only	8240007	1.000	LSUM
0360	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0370	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0380	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 061

Letting Date: December 6, 2019

Contract ID: 13082-127639

Description: 0.43 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, earthwork, shoulders, drainage, guardrail, signing and pavement markings on the entrance loop ramp from M-311 (11 Mile Road) to I-94 westbound Exit 104, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127639A	20A0086	N/A	HSIP 13082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$33,200.00	1500001	1.000	LSUM
0020	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0030	Guardrail, Rem	2040035	147.000	Ft
0040	Pavt, Rem	2040050	628.000	Syd
0050	Embankment, CIP	2050010	222.000	Cyd
0060	Excavation, Earth	2050016	1,538.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0110	Erosion Control, Sediment Trap	2080034	2.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,475.000	Ft
0130	_ Permeable Runoff Structure	2087001	36.000	Ft
0140	Subbase, CIP	3010002	836.000	Cyd
0150	Aggregate Base, 6 inch	3020016	954.000	Syd
0160	Shoulder, CI II, 6 inch	3070128	472.000	Syd
0170	Culv End Sect, 12 inch	4010012	1.000	Ea
0180	Underdrain, Subbase, 6 inch	4040063	285.000	Ft
0190	Underdrain Outlet, 6 inch	4040093	24.000	Ft
0200	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0210	Cold Milling HMA Surface	5010002	2,780.000	Syd
0220	HMA Surface, Rem	5010005	209.000	Syd
0230	HMA Quality Initiative	5010007	2,014.000	Dlr
0240	Longitudinal Joint Density Quality Initiative	5010018	2,356.000	Dlr
0250	HMA Approach	5010061	1,007.000	Ton
0260	Conc Base Cse, Nonreinf, 9 inch	6020021	156.000	Syd
0270	Lane Tie, Epoxy Anchored	6030030	84.000	Ea

0280	Guardrail, Type MGS-8	8070004	79.000	Ft
0290	Guardrail Anch, Bridge, Det T6	8070027	1.000	Ea
0300	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0310	Guardrail Reflector	8070080	4.000	Ea
0320	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0330	Delineator Reflector, White	8100134	8.000	Ea
0340	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	16.000	Ea
0350	Fdn, Wood Support, Rem	8100280	2.000	Ea
0360	Delineator, Rem	8100349	24.000	Ea
0370	Post, Flexible, Delineator	8100360	16.000	Ea
0380	Post, Rigid, Delineator	8100361	8.000	Ea
0390	Post, Steel, 3 lb	8100371	104.000	Ft
0400	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0410	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0420	Sign, Type II, Rem	8100397	2.000	Ea
0430	Sign, Type IIB	8100399	16.000	Sft
0440	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0450	Sign, Type III, Rem	8100403	8.000	Ea
0460	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0470	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	158.000	Ft
0480	Recessing Pavt Mrkg, Longit	8110450	3,584.000	Ft
0490	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	2,520.000	Ft
0500	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	280.000	Ft
0510	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	884.000	Ft
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0560	Ltg for Night Work	8120160	1.000	LSUM
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Mobile Attenuator	8120180	1.000	Ea
0590	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,470.000	Ft
0600	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	230.000	Ft
0610	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0620	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0630	Sign Cover	8120310	15.000	Ea
0640	Sign Cover, Type 1	8120320	3.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0660	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0670	Sign, Type A, Temp, Prismatic, Furn	8120340	25.000	Sft
0680	Sign, Type A, Temp, Prismatic, Oper	8120341	25.000	Sft
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	1,057.000	Sft
0700	Sign, Type B, Temp, Prismatic, Oper	8120351	1,057.000	Sft

0710	Fertilizer, Chemical Nutrient, CI A	8160020	151.000	Lb
0720	Seeding, Mixture THV	8160040	146.000	Lb
0730	Topsoil Surface, Furn, 4 inch	8160062	2,660.000	Syd
0740	_ Mulch Blanket, Modified	8167011	3,192.000	Syd
0750	TS Face, Bag	8200458	2.000	Ea
0760	TS Face, Bag, Rem	8200459	2.000	Ea
0770	Shoulder Corrugations, Ground or Cut, HMA	8220001	452.000	Ft
0780	Contractor Staking, Road Only	8240007	1.000	LSUM
0790	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0800	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0810	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 062

Letting Date: December 6, 2019

Contract ID: 67015-205896

Description: 0.01 mi of concrete pavement, aggregate base and portable intermittent truck weigh station trench at the Tustin Scenic Turnout on US-131 southbound, Osceola County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205896A	20A0101	N/A	NH 67015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,600.00	1500001	1.000	LSUM
0020	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0030	Embankment, CIP	2050010	100.000	Cyd
0040	Excavation, Earth	2050016	397.000	Cyd
0050	Subbase, CIP	3010002	344.000	Cyd
0060	Aggregate Base, 6 inch	3020016	760.000	Syd
0070	Shoulder, CI II, LM	3070123	24.000	Cyd
0080	Culv End Sect, Metal, 18 inch	4010096	1.000	Ea
0090	Culv, CI A, CSP, 18 inch	4010201	8.000	Ft
0100	Dr Marker Post	4011109	1.000	Ea
0110	Joint, Contraction, Cp	6020200	501.000	Ft
0120	Joint, Expansion, E3	6020208	36.000	Ft
0130	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	760.000	Syd
0140	_ Portable Intermittent Truck Weigh Station Trench	8007050	1.000	Ea
0150	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	24.000	Ea
0160	Post, Flexible, Delineator	8100360	12.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0210	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0220	Sign Cover	8120310	1.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0240	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	10.000	Sft

0260	Sign, Type B, Temp, Prismatic, Oper	8120351	10.000	Sft
0270	Water, Sodding/Seeding	8160090	33.000	Unit
0280	Slope Restoration, Type B	8160101	1,855.000	Syd
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: 191206 063

Letting Date: December 6, 2019

Contract ID: 23081-208904

Description: 7.13 mi of clearing including tree removal and fence repair along I-496 from I-96 to Lansing Road in the city of Lansing, Eaton and Ingham Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208904A	N/A	N/A	M 23081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	4.770	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	19.000	Ea
0040	Fence, Rem	2040025	150.000	Ft
0050	Erosion Control, Silt Fence	2080036	200.000	Ft
0060	Fence, Woven Wire with Steel Post	8080002	100.000	Ft
0070	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0120	Sign Cover	8120310	10.000	Ea
0130	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0140	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	908.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	908.000	Sft
0170	Mulch	8160025	24,000.000	Syd
0180	Mulch Anchoring	8160026	24,000.000	Syd
0190	Seeding, Mixture TSM	8160041	500.000	Lb



11/15/2019 9:03 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 191206 064**Letting Date:** December 6, 2019**Contract ID:** 25101-54243**Description:** 0.01 mi of hot mix asphalt cold milling and resurfacing of carpool lot in the southwest quadrant on M-57 at I-75, Genesee County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
54243A	20A0091	N/A	ST 25101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,100.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	13.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0040	Erosion Control, Silt Fence	2080036	40.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0060	_ Approach, CI II, 6 inch, Modified	3077011	15.000	Syd
0070	_ Shoulder, CI II, Modified	3077031	27.000	Ton
0080	Cold Milling HMA Surface	5010002	2,440.000	Syd
0090	HMA Approach	5010061	386.000	Ton
0100	Post, Steel, 3 lb	8100371	26.000	Ft
0110	Sign, Type III, Rem	8100403	1.000	Ea
0120	Sign, Type IIIA	8100404	4.000	Sft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0150	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0160	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	2,170.000	Ft
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	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	100.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0240	Sign Cover	8120310	5.000	Ea
0250	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-	8120333	5.000	Ea

	Compliant, Oper			
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	234.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	234.000	Sft
0290	_ Light Duty Wrecker	8127050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 065

Letting Date: December 6, 2019

Contract ID: 41000-130609

Description: 0.50 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk, drainage, replace water main, storm and sanitary sewer and pavement markings on Madison Avenue from Franklin Street to Wealthy Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130609A	1901147	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Internal Plumbing, Water Service	1027060	33,000.000	Dir
0020	Mobilization, Max \$119,300.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	10.000	Ea
0040	Sidewalk, Rem	2040055	698.000	Syd
0050	_ Curb and Gutter, Conc, Remove, Modified	2047001	1,942.000	Ft
0060	_ Medina Stone Curb, Remove, Salvage	2047001	60.000	Ft
0070	_ Brick Pavement, Remove, Salvage	2047011	89.000	Syd
0080	_ Pavement, Remove, Modified	2047011	2,109.000	Syd
0090	Excavation, Earth	2050016	190.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	380.000	Cyd
0110	_ Machine Grading, Modified	2057011	435.000	Syd
0120	_ Storm Water Operator's Inspections	2087050	25.000	Ea
0130	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0140	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	1,100.000	Cyd
0170	_ Aggregate Base, 6 inch, Modified	3027011	4,000.000	Syd
0180	Maintenance Gravel	3060020	350.000	Ton
0190	_ Dr Structure, Reconstruct	4037001	50.000	Ft
0200	_ Storm Sewer, C76 CI III, 12 inch	4037001	154.000	Ft
0210	_ Storm Sewer, C76 CI III, 18 Inch	4037001	86.000	Ft
0220	_ Catch Basin, Det S3	4037050	6.000	Ea
0230	_ Dr Structure Cover, Adj, Special	4037050	24.000	Ea
0240	_ Dr Structure Cover, Special	4037050	9.000	Ea
0250	_ Storm Manhole, Det S1, 48 inch	4037050	3.000	Ea
0260	Cold Milling HMA Surface	5010002	8,200.000	Syd
0270	Hand Patching	5010025	60.000	Ton

0280	HMA, 3E10	5010046	390.000	Ton
0290	HMA, 4E10	5010052	290.000	Ton
0300	HMA, 5E10	5010058	1,100.000	Ton
0310	_ Overband Crack Fill, Roadbed, Modified	5027001	226.000	Ft
0320	Conc Base Cse, Nonreinf, 8 inch	6020019	89.000	Syd
0330	Joint, Contraction, Cp	6020200	54.000	Ft
0340	_ Conc Header, 14 Inch	6027001	54.000	Ft
0350	_ Brick Pavement, New Brick	6027011	45.000	Syd
0360	_ Brick Pavement, Salvaged Brick	6027011	44.000	Syd
0370	Lane Tie, Epoxy Anchored	6030030	40.000	Ea
0380	Driveway, Nonreinf Conc, 6 inch	8010005	75.000	Syd
0390	_ Curb and Gutter, Conc, Det P-5, Modified 18 Inch pan	8027001	1,692.000	Ft
0400	_ Curb and Gutter, Conc, Det P-5, Modified 18 Inch Pan	8027001	220.000	Ft
0410	_ Medina Stone Curb, Salvaged Curb	8027001	60.000	Ft
0420	Curb Ramp Opening, Conc	8030030	307.000	Ft
0430	Sidewalk Ramp, Conc, 6 inch	8030036	1,407.000	Sft
0440	Sidewalk, Conc, 4 inch	8030044	4,964.000	Sft
0450	_ Detectable Warning Surface, Modified	8037001	226.000	Ft
0460	Pavt Mrkg, Polyurea, 4 inch, White	8110091	100.000	Ft
0470	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,355.000	Ft
0480	Pavt Mrkg, Polyurea, 6 inch, White	8110094	300.000	Ft
0490	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	30.000	Ft
0500	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	47.000	Ft
0510	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0520	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0550	Pedestrian Type II Barricade, Temp	8120026	72.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0580	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0590	Sign, Type A, Temp, Prismatic, Furn	8120340	148.000	Sft
0600	Sign, Type A, Temp, Prismatic, Oper	8120341	148.000	Sft
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	1,027.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	1,027.000	Sft
0630	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	222.000	Sft
0640	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	222.000	Sft
0650	_ Dust Control	8127051	1.000	LSUM
0660	_ Protect Tree	8157050	87.000	Ea
0670	_ Root Pruning	8157051	1.000	LSUM
0680	Water, Sodding/Seeding	8160090	125.000	Unit
0690	_ Turf Establishment, Modified	8167011	2,300.000	Syd

0700	_ Water Main, DI CI 53, 6 Inch	8237001	73.000	Ft
0710	_ Water Main, DI CI 53, 8 Inch	8237001	2,028.000	Ft
0720	_ Water Service, 1 inch	8237001	270.000	Ft
0730	_ Water Service, 1.5 inch	8237001	50.000	Ft
0740	_ Water Service, Long, 1 inch	8237001	525.000	Ft
0750	_ 1 inch Water Service (Curb Box to Meter), over 60 feet	8237050	3.000	Ea
0760	_ 1 inch Water Service (Curb Box to Meter)	8237050	52.000	Ea
0770	_ 1.5 inch Water Service (Curb Box to Meter)	8237050	2.000	Ea
0780	_ Bend, 45 Degree, 8 inch	8237050	18.000	Ea
0790	_ Bend, 90 Degree, 6 inch	8237050	2.000	Ea
0800	_ Cross, 8 inch x 8 inch	8237050	1.000	Ea
0810	_ Curb Box on 1 inch Water Service	8237050	38.000	Ea
0820	_ Hydrant, 5 inch	8237050	6.000	Ea
0830	_ Hydrant, Rem, Salvage	8237050	3.000	Ea
0840	_ Plug, 4 inch	8237050	1.000	Ea
0850	_ Plug, 6 inch	8237050	4.000	Ea
0860	_ Plug, 8 inch	8237050	4.000	Ea
0870	_ Reducer, 8 inch to 4 inch	8237050	1.000	Ea
0880	_ Reducer, 8 inch to 6 inch	8237050	2.000	Ea
0890	_ Sleeve, 4 inch	8237050	1.000	Ea
0900	_ Sleeve, 6 inch	8237050	2.000	Ea
0910	_ Sleeve, 8 inch	8237050	4.000	Ea
0920	_ Tap for Water Service including Corporation Stop, 1 inch	8237050	38.000	Ea
0930	_ Tee, 8 inch x 8 inch x 6 inch	8237050	6.000	Ea
0940	_ Tee, 8 inch x 8 inch x 8 inch	8237050	1.000	Ea
0950	_ Valve and Box, 6 inch	8237050	6.000	Ea
0960	_ Valve and Box, 8 inch	8237050	7.000	Ea
0970	_ Valve Box, Adjust	8237050	6.000	Ea
0980	_ Valve Box, Furnish	8237050	2.000	Ea
0990	_ Sanitary Sewer, D2680, 8 inch	8257001	111.000	Ft
1000	_ Sanitary Manhole, Det S1, 48 inch	8257050	3.000	Ea
1010	_ Sanitary Sewer Service, Maintain	8257051	1.000	LSUM
1020	_ Preconstruction Documentation	8507051	1.000	LSUM
1030	_ Underground Sprinkling, Indentify, Protect and Restore	8507051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 191206 066

Letting Date: December 6, 2019

Contract ID: 13000-130192

Description: 2.89 mi of hot mix asphalt base crushing, shaping and resurfacing, clearing, earthwork, guardrail and pavement markings on N Drive North from McAllister Road eastward to 12 Mile Road, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130192A	20A0005	N/A	STUL 13000
207222A	20A0010	N/A	HSIP 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$103,700.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	293.000	Ft
0030	Pavt, Rem	2040050	200.000	Syd
0040	_ Clearing, Modified	2047051	1.000	LSUM
0050	Subgrade Undercutting, Type II	2050041	20.000	Cyd
0060	_ Station Grading	2057002	306.000	Sta
0070	Aggregate Base	3020001	4,400.000	Ton
0080	HMA Base Crushing and Shaping	3050002	40,500.000	Syd
0090	Shoulder, CI II	3070121	800.000	Ton
0100	_ Approach, CI II, Modified	3077031	120.000	Ton
0110	HMA Surface, Rem	5010005	500.000	Syd
0120	HMA, 4E1	5010050	5,400.000	Ton
0130	HMA, 5E1	5010056	4,100.000	Ton
0140	Guardrail, Type B	8070000	163.000	Ft
0150	Guardrail, Curved, Type B	8070010	75.000	Ft
0160	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0170	Guardrail Reflector	8070080	10.000	Ea
0180	Post, Mailbox	8070095	79.000	Ea
0190	Post, Steel, 3 lb	8100371	350.000	Ft
0200	Sign, Type III, Rem	8100403	37.000	Ea
0210	Sign, Type IIIB	8100405	140.000	Sft
0220	Sign, Type V, Rem	8100421	8.000	Ea
0230	Sign, Type VB	8100425	16.000	Sft
0240	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0250	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	32,000.000	Ft
0260	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	31,000.000	Ft

0270	Barricade, Type III, High Intensity, Lighted, Furn	8120022	18.000	Ea
0280	Barricade, Type III, High Intensity, Lighted, Oper	8120023	18.000	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, High Intensity, Furn	8120250	200.000	Ea
0330	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0340	Sign Cover	8120310	67.000	Ea
0350	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0360	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	973.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	973.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Slope Restoration, Type B	8160101	10,000.000	Syd
0410	Monument Preservation	8210010	6.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 067

Letting Date: December 6, 2019

Contract ID: 14000-206661

Description: 0.40 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, concrete curb, gutter, sidewalk and ramps, culverts, sewer, drainage and pavement markings on N O Keefe Street from School Street to the north village limits of Cassopolis, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206661A	1901144	N/A	STL 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$71,000.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0030	Dr Structure, Rem	2030011	14.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	310.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	890.000	Ft
0060	Curb and Gutter, Rem	2040020	560.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	20.000	Cyd
0080	Sidewalk, Rem	2040055	990.000	Syd
0090	Exploratory Investigation, Vertical	2040080	20.000	Ft
0100	_ Pavt, Rem, Modified	2047011	10.000	Syd
0110	Subgrade Undercutting, Type II	2050041	1,200.000	Cyd
0120	_ Machine Grading, Modified	2057002	22.000	Sta
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0140	Erosion Control, Silt Fence	2080036	200.000	Ft
0150	Subbase, CIP	3010002	150.000	Cyd
0160	Aggregate Base, 8 inch	3020020	5,185.000	Syd
0170	_ Aggregate Base, 6 inch, Modified	3027011	455.000	Syd
0180	HMA Base Crushing and Shaping	3050002	3,110.000	Syd
0190	Material, Surplus and Unsuitable, Rem, LM	3050010	50.000	Cyd
0200	Maintenance Gravel	3060020	150.000	Ton
0210	Approach, CI II	3070021	10.000	Ton
0220	Shoulder, CI II, 6 inch	3070128	675.000	Syd
0230	_ Trenching, Modified	3077002	6.000	Sta
0240	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0250	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0260	Culv, CI E, 18 inch	4010541	40.000	Ft
0270	Culv, CI F, 12 inch	4010607	152.000	Ft

0280	Sewer, CI E, 12 inch, Tr Det B	4020600	350.000	Ft
0290	Sewer, CI E, 18 inch, Tr Det B	4020602	195.000	Ft
0300	Sewer, CI E, 24 inch, Tr Det B	4020603	470.000	Ft
0310	Sewer, CI E, 36 inch, Tr Det B	4020605	420.000	Ft
0320	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0330	Video Taping Sewer and Culv Pipe	4021275	1,965.000	Ft
0340	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0350	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0360	Dr Structure Cover, Type B	4030010	7.000	Ea
0370	Dr Structure Cover, Type D	4030025	1.000	Ea
0380	Dr Structure Cover, Type K	4030050	8.000	Ea
0390	Dr Structure Cover, Type Q	4030065	6.000	Ea
0400	Dr Structure, 24 inch dia	4030200	7.000	Ea
0410	Dr Structure, 48 inch dia	4030210	1.000	Ea
0420	Dr Structure, 60 inch dia	4030220	3.000	Ea
0430	Dr Structure, 72 inch dia	4030230	2.000	Ea
0440	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	1.000	Ft
0450	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	1.000	Ft
0460	Dr Structure, Temp Lowering	4030390	6.000	Ea
0470	Underdrain, Subbase, 6 inch	4040063	525.000	Ft
0480	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0490	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0500	Hand Patching	5010025	10.000	Ton
0510	HMA Approach	5010061	45.000	Ton
0520	HMA, LVSP	5010703	1,890.000	Ton
0530	_ HMA Surface, Rem, Modified	5017011	5,620.000	Syd
0540	Driveway, Nonreinf Conc, 6 inch	8010005	425.000	Syd
0550	Curb and Gutter, Conc, Det C4	8020023	2,185.000	Ft
0560	Driveway Opening, Conc, Det M	8020050	180.000	Ft
0570	Detectable Warning Surface	8030010	33.000	Ft
0580	Curb Ramp Opening, Conc	8030030	55.000	Ft
0590	Sidewalk Ramp, Conc, 6 inch	8030036	375.000	Sft
0600	Sidewalk, Conc, 4 inch	8030044	7,325.000	Sft
0610	Sidewalk, Conc, 6 inch	8030046	1,300.000	Sft
0620	Curb Sloped, HMA	8050010	480.000	Ft
0630	Post, Mailbox	8070095	6.000	Ea
0640	Post, Steel, 3 lb	8100371	184.000	Ft
0650	Sign, Type I, Rem	8100391	6.000	Ea
0660	Sign, Type IA	8100392	24.000	Sft
0670	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0680	Sign, Type III, Rem	8100403	11.000	Ea
0690	Sign, Type IIIA	8100404	46.000	Sft
0700	Sign, Type IIIB	8100405	51.000	Sft

0710	_ Pavt Mrkg, Waterborne, 18 inch, Stop Bar	8117001	50.000	Ft
0720	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	245.000	Ft
0730	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0740	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0750	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0760	Dust Palliative, Applied	8120100	10.000	Ton
0770	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0780	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0790	Minor Traf Devices	8120170	1.000	LSUM
0800	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0810	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0840	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	42.000	Sft
0850	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	42.000	Sft
0860	Traf Regulator Control	8120370	1.000	LSUM
0870	_ Spillway, HMA	8147011	10.000	Syd
0880	Slope Restoration, Type A	8160100	300.000	Syd
0890	Slope Restoration, Type B	8160101	4,810.000	Syd
0900	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0910	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
0920	Gate Box, Adj, Case 1	8230431	2.000	Ea
0930	Gate Box, Adj, Case 2	8230432	4.000	Ea
0940	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	20.000	Ft
0950	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	110.000	Ft
0960	_ Connect to Existing Main, 4 inch	8237050	1.000	Ea
0970	_ Connect to Existing Main, 6 inch	8237050	1.000	Ea
0980	_ Water Main Insertion Valve, 4 inch	8237050	1.000	Ea
0990	_ Water Main Insertion Valve, 6 inch	8237050	1.000	Ea
1000	_ Water Main Insertion Valve, 8 inch	8237050	2.000	Ea
1010	_ Water Main, 6 inch, Cut and Plug, Modified	8237050	2.000	Ea
1020	_ Sewer Lead, 6 inch	8257001	700.000	Ft
1030	_ Sewer Saddle, 6 inch	8257050	20.000	Ea
1040	_ Compact Ductile Iron Fittings	8507030	692.000	Lb



Schedule of Pay Items

Report v1

Letting Call: 191206 068

Letting Date: December 6, 2019

Contract ID: 80555-129853

Description: 0.88 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, aggregate base, restoration and pavement markings on Williams Street from Delaware Street (M-51) to the south village limits of Decatur, Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129853A	1901077	N/A	STL 80555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	490.000	Ft
0030	Sidewalk, Rem	2040055	225.000	Syd
0040	Excavation, Earth	2050016	52.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	80.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	36.000	Ea
0070	_ Aggregate Base, 6 inch, Modified	3027011	210.000	Syd
0080	_ Aggregate Base, 8 inch, Modified	3027011	700.000	Syd
0090	Maintenance Gravel	3060020	75.000	Ton
0100	Dr Structure Cover, Adj, Case 1	4030005	23.000	Ea
0110	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0120	Dr Structure Cover, Type B	4030010	3.000	Ea
0130	Dr Structure Cover, Type K	4030050	2.000	Ea
0140	Dr Structure Cover, Type Q	4030065	2.000	Ea
0150	Dr Structure, Temp Lowering	4030390	23.000	Ea
0160	Cold Milling HMA Surface	5010002	16,350.000	Syd
0170	Hand Patching	5010025	5.000	Ton
0180	HMA Approach	5010061	39.000	Ton
0190	HMA, LVSP	5010703	3,930.000	Ton
0200	_ HMA Surface, Rem, Modified	5017011	150.000	Syd
0210	Conc Base Cse, Nonreinf, 6 inch	6020015	140.000	Syd
0220	Curb and Gutter, Conc, Det C4	8020023	315.000	Ft
0230	Detectable Warning Surface	8030010	120.000	Ft
0240	Curb Ramp Opening, Conc	8030030	155.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	1,135.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	1,115.000	Sft
0270	Post, Steel, 2 lb	8100370	63.000	Ft

0280	Post, Steel, 3 lb	8100371	488.000	Ft
0290	Sign, Type II, Rem	8100397	1.000	Ea
0300	Sign, Type IIB	8100399	8.000	Sft
0310	Sign, Type III, Rem	8100403	49.000	Ea
0320	Sign, Type IIIA	8100404	80.000	Sft
0330	Sign, Type IIIB	8100405	132.000	Sft
0340	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	645.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	175.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	90.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0390	Pavt Mrkg, Polyurea, 4 inch, White	8110091	335.000	Ft
0400	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,590.000	Ft
0410	Recessing Pavt Mrkg, Longit	8110450	3,925.000	Ft
0420	Recessing Pavt Mrkg, Transv	8110451	935.000	Sft
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0450	Pedestrian Type II Barricade, Temp	8120026	19.000	Ea
0460	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0470	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	905.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	905.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	65.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	65.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	Slope Restoration, Type B	8160101	280.000	Syd
0570	Gate Box, Adj, Case 1	8230431	9.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 191206 069

Letting Date: December 6, 2019

Contract ID: 61000-205232

Description: 0.15 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, aggregate base and pavement markings on Lakeshore Drive at Beach Street in the city of Muskegon, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205232A	20A0056	N/A	CMG 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Curb and Gutter, Rem	2040020	1,546.000	Ft
0040	_ Pavt, Rem, Modified	2047011	3,262.000	Syd
0050	Embankment, LM	2050011	1,300.000	Cyd
0060	Excavation, Earth	2050016	1,300.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0080	Erosion Control, Silt Fence	2080036	685.000	Ft
0090	Aggregate Base, 8 inch	3020020	2,750.000	Syd
0100	Maintenance Gravel, LM	3060021	10.000	Cyd
0110	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0120	Hand Patching	5010025	12.000	Ton
0130	HMA, 4E3	5010051	470.000	Ton
0140	HMA, Temp Pavt (4E3)	5010805	24.000	Ton
0150	Conduit, 3 inch	7060030	330.000	Ft
0160	Curb and Gutter, Conc, Det F4	8020038	730.000	Ft
0170	Driveway Opening, Conc, Det M	8020050	70.000	Ft
0180	_ Curb and Gutter, Conc, Det B2, Modified	8027001	1,024.000	Ft
0190	_ Sidewalk, Conc, 8 inch, Colored, Modified	8037010	2,600.000	Sft
0200	Post, Steel, 3 lb	8100371	120.000	Ft
0210	Sign, Type IIIA	8100404	77.000	Sft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,090.000	Ft
0230	_ Pavt Mrkg, Ovly Cold Plastic, 18 inch Yield Line, White	8117001	120.000	Ft
0240	Barricade, Type III, High Intensity, Lighted, Furn	8120022	19.000	Ea
0250	Barricade, Type III, High Intensity, Lighted, Oper	8120023	19.000	Ea
0260	Pedestrian Type II Barricade, Temp	8120026	3.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Plastic Drum, High Intensity, Furn	8120250	72.000	Ea
0290	Plastic Drum, High Intensity, Oper	8120251	72.000	Ea
0300	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0310	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	364.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	364.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	64.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	64.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Dune Grass Planting	8180001	4,000.000	Syd
0380	Hh, Access	8190242	2.000	Ea
0390	Contractor Staking, Road Only	8240007	1.000	LSUM
0400	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0410	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
0420	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 191206 070

Letting Date: December 6, 2019

Contract ID: 82000-205484-2

Description: 0.52 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, storm sewer and pavement markings on Military Road from Cherry Hill Street to Outer Drive in the city of Dearborn, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205484A	1900794	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$55,400.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	10.000	Ft
0050	Curb and Gutter, Rem	2040020	340.000	Ft
0060	Pavt, Rem	2040050	700.000	Syd
0070	Sidewalk, Rem	2040055	100.000	Syd
0080	_ Driveway Apron, Rem	2047011	30.000	Syd
0090	_ Fill Existing Sewer w/Grout	2047021	6.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0110	Project Cleanup	2090001	1.000	LSUM
0120	Aggregate Base, 6 inch	3020016	700.000	Syd
0130	Maintenance Gravel, LM	3060021	75.000	Cyd
0140	Sewer, CI B, 12 inch, Tr Det B	4020183	559.000	Ft
0150	Sewer, CI B, 18 inch, Tr Det B	4020185	224.000	Ft
0160	Sewer, CI E, 12 inch, Tr Det B	4020600	79.000	Ft
0170	Sewer Bulkhead, 12 inch	4021230	6.000	Ea
0180	Sewer Bulkhead, 27 inch	4021235	1.000	Ea
0190	_ Sewer Tap, 27 inch	4027050	1.000	Ea
0200	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0210	Dr Structure, 24 inch dia	4030200	1.000	Ea
0220	Dr Structure, 48 inch dia	4030210	6.000	Ea
0230	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	22.000	Ft
0240	Dr Structure, Cleaning	4030290	21.000	Ea
0250	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0260	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0270	_ Dr Structure Cover, Modified	4037050	14.000	Ea

0280	Cold Milling HMA Surface	5010002	9,700.000	Syd
0290	HMA Surface, Rem	5010005	550.000	Syd
0300	Pavt for Butt Joints, Rem	5010008	200.000	Syd
0310	Pavt Joint and Crack Repr, Det 7	5010020	1,500.000	Ft
0320	Pavt Joint and Crack Repr, Det 8	5010021	300.000	Ft
0330	Hand Patching	5010025	30.000	Ton
0340	HMA, 13A	5010033	1,280.000	Ton
0350	HMA, 36A	5010034	960.000	Ton
0360	Conc Base Cse, Nonreinf, 8 inch	6020019	800.000	Syd
0370	Conc Pavt, Nonreinf, 8 inch	6020104	150.000	Syd
0380	Joint, Contraction, Cp	6020200	15.000	Ft
0390	Cold Milling Conc Pavt	6030014	25.000	Syd
0400	Lane Tie, Epoxy Anchored	6030030	300.000	Ea
0410	Pavt Repr, Nonreinf Conc, 8 inch	6030044	485.000	Syd
0420	Pavt Repr, Rem	6030080	485.000	Syd
0430	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0440	_ Curb and Gutter, Conc, Det F1, Modified	8027001	150.000	Ft
0450	Detectable Warning Surface	8030010	170.000	Ft
0460	Curb Ramp Opening, Conc	8030030	190.000	Ft
0470	Sidewalk Ramp, Conc, 4 inch	8030034	650.000	Sft
0480	Sidewalk, Conc, 4 inch	8030044	300.000	Sft
0490	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,100.000	Ft
0500	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	200.000	Ft
0510	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	650.000	Ft
0520	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	90.000	Ft
0530	Rem Curing Compound, for Spec Mrkg	8110321	50.000	Sft
0540	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0550	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0560	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
0570	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0580	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0590	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0600	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0610	Minor Traf Devices	8120170	1.000	LSUM
0620	Pavt Mrkg Cover, Type R, Black	8120200	200.000	Ft
0630	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	100.000	Ft
0650	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0660	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0680	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0690	Fertilizer, Chemical Nutrient, CI A	8160020	25.000	Lb
0700	Mulch Blanket	8160027	1,000.000	Syd
0710	Seeding, Mixture TUF	8160042	100.000	Lb

0720	Topsoil Surface, Furn, 4 inch	8160062	1,000.000	Syd
0730	Water, Sodding/Seeding	8160090	100.000	Unit
