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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 001**Letting Date:** February 1, 2019**Contract ID:** 12231-125536**Description:** Rehab of Runway 4/22 & Electrical Improvements at the Branch County Memorial Airport, city of Coldwater, Branch County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
125536A	B-26-0021-2318	N/A	FM 12231
205178A	B-26-0021-2318	N/A	FM 12231

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Permits	1000535	5,000.000	Dlr
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	430.000	Lft
0050	Pulverize Bituminous Pavement, Less Than 6" Thickness	1010235	28,960.000	Syd
0060	Remove Asphalt Pavement	1010245	520.000	Syd
0070	Bare Counterpoise Wire, #6, Solid, Installed	1080531	1,230.000	Lft
0080	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	1,920.000	Lft
0090	Plastic Conduit, 1 1/2", Direct Burial	1100613	1,070.000	Lft
0100	Underground Electrical Duct, 2 Bank 3", Concrete Encased	1100650	84.000	Lft
0110	Electrical Handhole, With Cover, as Specified	1150550	2.000	Ea
0120	Misc. Junction Can	1157050	2.000	Ea
0130	Medium Intensity Edge Light, L861, LED, (MIRL/MITL), 6.6A, Base Mount, 360 Blue Color, Height as specified	1250608	15.000	Ea
0140	Remove Existing Medium Intensity Base Mounted Light	1250643	11.000	Ea
0150	Taxiway Guidance Sign, L858, 1 Module, Pad Mounted, Type, Size, and Style as Specified	1250700	2.000	Ea
0160	Remove Guidance Sign	1250799	4.000	Ea
0170	Taxiway Reflector, L853, 30" High	1250800	2.000	Ea
0180	Misc. Remove Taxiway Reflector	1257050	10.000	Ea
0190	Unclassified Excavation	1520410	80.000	Cyd
0200	Subgrade Undercutting	1520490	250.000	Cyd
0210	Bituminous Surface Course-Gradation 2	4030638	6,140.000	Ton
0220	Bituminous Tack Coat	6030510	2,925.000	Gal
0230	Airport Pavement Marking, Solid, Black	6200517	725.000	Sft

0240	Airport Pavement Marking, Solid, White, With Reflective Beads	6200534	7,720.000	Sft
0250	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	1,950.000	Sft
0260	Remove Airport Pavement Marking	6200540	275.000	Sft
0270	Misc. Airport Pavement Marking, Solid, White, 1/2 Rate	6207010	7,720.000	Sft
0280	Misc. Airport Pavement Marking, Solid, Yellow, 1/2 Rate	6207010	1,190.000	Sft
0290	Misc. Turf Shoulder Restoration	8007002	69.000	Sta
0300	Misc. Fine Grade & Compact Recycled Aggregate Base Course (X-207)	8007011	29,225.000	Syd
0310	Misc. Construction Layout & Stakes, by Constructor	8007051	1.000	LSUM
0320	Misc. Paving Grade Control	8007051	1.000	LSUM
0330	Seeding with Mixture and Rate, As Specified	9010517	0.400	Acre
0340	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	150.000	Cyd
0350	Misc. Mulching	9087012	0.400	Acre



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Schedule of Pay Items

Report v1

Letting Call: 190201 002**Letting Date:** February 1, 2019**Contract ID:** 63000-203019**Description:** Application of longitudinal pavement markings on various routes, Macomb, Oakland and Wayne Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203019A	1900172	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$246,000.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	15.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,300,588.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,169,661.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,753,727.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	4,284,908.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	968,558.000	Ft
0090	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	28.000	Ea
0100	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	2,100.000	Ft
0110	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	41,597.000	Ft
0120	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	1,080,753.000	Ft
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 003

Letting Date: February 1, 2019

Contract ID: 51021-202864

Description: 0.55 mi of hot mix asphalt cold milling and resurfacing, concrete paving, curb, gutter and sidewalks, guardrail, bridge rehabilitation including epoxy overlay, deck patching, substructure and structural steel repair, full paint, joint, approach work and pavement markings on M-55 over Pine River, Manistee County. This project includes a 2 year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202864A	1900178	N/A	ST 51021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$372,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	142.000	Ft
0030	Pavt, Rem	2040050	336.000	Syd
0040	Sidewalk, Rem	2040055	160.000	Syd
0050	Embankment, LM	2050011	228.000	Cyd
0060	Excavation, Earth	2050016	398.000	Cyd
0070	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0090	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0100	Erosion Control, Silt Fence	2080036	535.000	Ft
0110	Aggregate Base	3020001	284.000	Ton
0120	_ Trenching, Special	3077002	17.000	Sta
0130	Culv, Downspout, 12 inch	4010795	16.000	Ft
0140	Cold Milling HMA Surface	5010002	2,980.000	Syd
0150	HMA Surface, Rem	5010005	208.000	Syd
0160	HMA Quality Initiative	5010007	1,636.000	Dlr
0170	Hand Patching	5010025	18.000	Ton
0180	HMA, 3E3	5010045	229.000	Ton
0190	HMA, 5E3	5010057	571.000	Ton
0200	Conc Pavt, Curing Horizontal Surfaces	6020159	334.000	Syd
0210	Joint, Expansion, E3	6020208	60.000	Ft
0220	_ Joint, Contraction, C3p, Modified	6027001	16.000	Ft
0230	_ Joint, Contraction, Cp, Modified	6027001	44.000	Ft
0240	_ Joint, Expansion, E2, Modified	6027001	44.000	Ft
0250	_ Joint, Expansion, E4, Modified	6027001	16.000	Ft
0260	_ Conc Pavt, Reinf, 12 inch, High Performance, Special	6027011	200.000	Syd

0270	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	134.000	Syd
0280	Curb, Conc, Det E2	8020002	5.000	Ft
0290	Curb and Gutter, Conc, Det D2	8020031	54.000	Ft
0300	Curb and Gutter, Conc, Det F2	8020036	69.000	Ft
0310	Downspout Header, Conc	8020070	4.000	Ea
0320	Sidewalk, Conc, 6 inch	8030046	1,535.000	Sft
0330	Curb Sloped, HMA	8050010	1,180.000	Ft
0340	Guardrail, Type MGS-8	8070004	1,475.000	Ft
0350	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
0360	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0370	Guardrail, Salv	8070075	1,788.000	Ft
0380	Guardrail Reflector	8070080	68.000	Ea
0390	Delineator Reflector, Green	8100133	4.000	Ea
0400	Delineator Reflector, White	8100134	10.000	Ea
0410	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0420	Delineator, Rem	8100349	10.000	Ea
0430	Post, Rigid, Delineator	8100361	14.000	Ea
0440	Post, Steel, 3 lb	8100371	198.000	Ft
0450	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0460	Sign, Type III, Rem	8100403	15.000	Ea
0470	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,810.000	Ft
0490	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,810.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,810.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,810.000	Ft
0520	_Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	1,475.000	Ft
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	26.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	26.000	Ea
0550	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Mobile Attenuator	8120180	4.000	Ea
0600	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea
0620	Sign Cover	8120310	2.000	Ea
0630	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0640	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0650	Sign, Type A, Temp, Prismatic, Furn	8120340	56.000	Sft
0660	Sign, Type A, Temp, Prismatic, Oper	8120341	56.000	Sft
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	1,298.000	Sft
0680	Sign, Type B, Temp, Prismatic, Oper	8120351	1,298.000	Sft
0690	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	138.000	Sft

0700	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	138.000	Sft
0710	Traf Regulator Control	8120370	1.000	LSUM
0720	Riprap, Plain	8130010	135.000	Syd
0730	Paved Ditch, HMA	8140010	30.000	Syd
0740	Fertilizer, Chemical Nutrient, CI A	8160020	125.000	Lb
0750	Seeding, Mixture TDS	8160037	157.000	Lb
0760	Topsoil Surface, Furn, 3 inch	8160061	3,422.000	Syd
0770	_ Mulch Blanket, Modified	8167011	3,422.000	Syd
0780	Centerline Corrugations, Milled, HMA	8220013	740.000	Ft
0790	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	2,660.000	Ft

Section: 2

0800	Excavation, Fdn	2060010	46.000	Cyd
0810	_ Conc Restoration	7037010	120.000	Sft
0820	Conc, Grade D	7060010	29.000	Cyd
0830	Expansion Joint Device	7060050	199.000	Ft
0840	False Decking	7060060	1,760.000	Sft
0850	Reinforcement, Steel, Epoxy Coated	7060092	6,167.000	Lb
0860	Superstructure Conc, Form, Finish, and Cure (B03 of 51021)	7060111	1.000	LSUM
0870	Superstructure Conc, High Performance	7060116	6.000	Cyd
0880	_ Texturing Conc	7067011	16.000	Syd
0890	Shear Developers (B03 of 51021)	7070040	1.000	LSUM
0900	_ Structural Steel, Retrofit, Furn, Fab, and Erect, Special	7077030	6,185.000	Lb
0910	_ Temp Work Platform (B03 of 51021)	7077051	1.000	LSUM
0920	_ Silane Treatment	7107010	13,020.000	Sft
0930	Bridge Railing, 2 Tube	7110008	32.000	Ft
0940	_ Railing Panel, R4 Special	7117050	8.000	Ea
0950	Hand Chipping, Shallow	7120003	23.000	Syd
0960	Hand Chipping, Deep	7120004	23.000	Syd
0970	Hand Chipping, Other Than Deck	7120007	75.000	Cft
0980	Patch, Forming	7120017	150.000	Sft
0990	Epoxy Ovly	7120020	2,589.000	Syd
1000	Epoxy Ovly, Rem	7120021	2,589.000	Syd
1010	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	8.000	Ea
1020	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	19.000	Ea
1030	Structures, Rehabilitation, Rem Portions (B03 of 51021)	7120070	1.000	LSUM
1040	Deck Joint, Rem	7120071	176.000	Ft
1050	Bridge Joints, Clean and Seal (B03 of 51021)	7120095	1.000	LSUM
1060	Flushing Cracks, Water	7120098	80.000	Ft
1070	Structural Crack, Repr	7120099	80.000	Ft
1080	Patching Conc, C-L	7120112	7.000	Cyd
1090	Embedded Galvanic Anode	7120120	704.000	Ea
1100	Beam Plate, Seal Perimeter	7130010	35,000.000	Ft

1110	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	993.000	Lb
1120	_ Pack Rust Repair Type 1 (B03 of 51021)	7137001	200.000	Ft
1130	_ Pack Rust Repair Type 2 (B03 of 51021)	7137001	200.000	Ft
1140	_ Structural Steel, Field Measurement (B03 of 51021)	7137051	1.000	LSUM
1150	Steel Structure, Cleaning, Type 4 (B03 of 51021)	7150045	1.000	LSUM
1160	Steel Structure, Coating, Type 4 (B03 of 51021)	7150046	1.000	LSUM
1170	_ Aluminium Filled Epoxy Mastic (B03 of 51021)	7157051	1.000	LSUM
1180	_ Heating and Housing (B03 of 51021)	7157051	1.000	LSUM
1190	Field Repair of Damaged Coating (B03 of 51021)	7160001	1.000	LSUM
1200	_ Deck Downspout Assembly (B03 of 51021)	7177051	1.000	LSUM
1210	_ Bird Screening	8007010	30.000	Sft
1220	_ Rivet, Furn and Install	8007050	250.000	Ea
1230	Slope Paving Header	8130015	89.000	Ft
1240	_ Riprap, Fieldstone	8137031	122.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 190201 004**Letting Date:** February 1, 2019**Contract ID:** 70024-118618

Description: 5.00 mi of reconstruction, drainage, signing, signal, ITS and pavement markings and epoxy overlay, deck patching, substructure repair, replace expansion joint and partial steel cleaning and coating on 2 structures on I-196 westbound from 32nd Avenue to Kenowa Avenue SW in the city of Hudsonville, Ottawa County. This project includes two 5 year materials and workmanship pavement warranties and a 2 year warranty on concrete surface coating. This is an Alternate Pavement Bid project. Pavement alternate 1 is concrete road work and includes a 5 year materials and workmanship pavement warranty. Pavement alternate 2 is hot mix asphalt road work and includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
118618A	1900185	N/A	IM 70024
127777A	1900182	N/A	IM 70024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,717,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	3.020	Acre
0030	Clearing, Fence	2010002	125.000	Sta
0040	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0050	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	8.000	Ea
0070	Stump, Rem, 19 inch to 36 inch	2020006	4.000	Ea
0080	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0090	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0100	Culv, Rem, Less than 24 inch	2030001	33.000	Ea
0110	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0120	Culv, End, Rem, 24 inch to 48 inch	2030006	3.000	Ea
0130	Dr Structure, Rem	2030011	6.000	Ea
0140	Sewer, Rem, Less than 24 inch	2030015	58.000	Ft
0150	Sewer, Rem, 24 inch to 48 inch	2030016	152.000	Ft
0160	Curb and Gutter, Rem	2040020	3,198.000	Ft
0170	Fence, Rem	2040025	18,382.000	Ft
0180	Guardrail, Rem	2040035	9,943.000	Ft
0190	Gutter, Rem	2040040	450.000	Ft
0200	Masonry and Conc Structure, Rem	2040045	30.000	Cyd
0210	Pavt, Rem	2040050	78,073.000	Syd
0220	Sidewalk, Rem	2040055	39.000	Syd
0230	Exploratory Investigation, Vertical	2040080	200.000	Ft

0240	_ Pavt, Rem, Special	2047011	1,047.000	Syd
0250	Embankment, CIP	2050010	5,218.000	Cyd
0260	Excavation, Earth	2050016	12,903.000	Cyd
0270	Granular Blanket, Type 1	2050020	200.000	Cyd
0280	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0290	Subgrade Undercutting, Type I	2050040	500.000	Cyd
0300	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0310	_ Ditching	2057002	1.000	Sta
0320	_ Embankment, CIP, Special	2057021	200.000	Cyd
0330	_ Phragmites Plant Material Handling and Disposal, LM	2057021	200.000	Cyd
0340	Aggregate, 6A	2060001	50.000	Cyd
0350	Erosion Control, Check Dam, Stone	2080012	1,715.000	Ft
0360	Erosion Control, Filter Bag	2080014	3.000	Ea
0370	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0380	Erosion Control, Inlet Protection, Fabric Drop	2080020	57.000	Ea
0390	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0400	Erosion Control, Maintenance, Sediment Removal	2080026	140.000	Cyd
0410	Erosion Control, Sediment Basin	2080032	110.000	Cyd
0420	Erosion Control, Sediment Trap	2080034	110.000	Ea
0430	Erosion Control, Silt Fence	2080036	25,674.000	Ft
0440	Project Cleanup	2090001	1.000	LSUM
0450	Subbase, CIP	3010002	3,286.000	Cyd
0460	Aggregate Base, 6 inch	3020016	1,090.000	Syd
0470	Aggregate Base, 8 inch	3020020	1,413.000	Syd
0480	Aggregate Base, 9 inch	3020022	1,863.000	Syd
0490	Maintenance Gravel, LM	3060021	1,000.000	Cyd
0500	_ Aggregate Surface Cse, 3 inch	3067011	1,413.000	Syd
0510	Shoulder, CI II, 6 inch	3070128	678.000	Syd
0520	Shoulder, CI II, 5 inch, Temp	3070182	509.000	Syd
0530	Culv End Sect, 12 inch	4010012	2.000	Ea
0540	Culv End Sect, 15 inch	4010015	3.000	Ea
0550	Culv End Sect, 18 inch	4010018	2.000	Ea
0560	Culv End Sect, 24 inch	4010024	12.000	Ea
0570	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0580	Culv End Sect, Metal, 12 inch	4010094	8.000	Ea
0590	Culv End Sect, Metal, 18 inch	4010096	2.000	Ea
0600	Culv End Sect, Metal, 24 inch	4010098	1.000	Ea
0610	Culv End Sect, Salv, 30 inch or less	4010119	3.000	Ea
0620	Culv, CI A, 15 inch	4010132	77.000	Ft
0630	Culv, CI A, 18 inch	4010133	149.000	Ft
0640	Culv, CI A, Conc, 30 inch	4010169	16.000	Ft
0650	Culv, CI E, 15 inch	4010540	32.000	Ft
0660	Culv, CI E, 24 inch	4010542	713.000	Ft

0670	Culv, Downspout, 12 inch	4010795	827.000	Ft
0680	Culv, Downspout, 15 inch	4010796	1,224.000	Ft
0690	Culv, Downspout, 18 inch	4010797	230.000	Ft
0700	Culv, Downspout, 24 inch	4010798	105.000	Ft
0710	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	3.000	Ea
0720	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0730	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	1.000	Ea
0740	Dr Marker Post	4011109	210.000	Ea
0750	Sewer, Cl A, 12 inch, Tr Det B	4020033	1,018.000	Ft
0760	Sewer, Cl A, 24 inch, Tr Det B	4020036	617.000	Ft
0770	Sewer, Cl B, 24 inch, Tr Det B	4020186	40.000	Ft
0780	Sewer, Cl E, 12 inch, Tr Det B	4020600	63.000	Ft
0790	Sewer, Cl E, 15 inch, Tr Det B	4020601	48.000	Ft
0800	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
0810	Trench Undercut and Backfill	4021260	100.000	Cyd
0820	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0830	Dr Structure Cover, Type B	4030010	1.000	Ea
0840	Dr Structure Cover, Type CX	4030020	12.000	Ea
0850	Dr Structure Cover, Type J	4030045	5.000	Ea
0860	Dr Structure Cover, Type VG	4030090	3.000	Ea
0870	Dr Structure, 24 inch dia	4030200	2.000	Ea
0880	Dr Structure, 48 inch dia	4030210	15.000	Ea
0890	Dr Structure, 60 inch dia	4030220	1.000	Ea
0900	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	33.000	Ft
0910	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	5.000	Ft
0920	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0930	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0940	Underdrain, Bank, 6 inch	4040003	500.000	Ft
0950	Underdrain, Subbase, 6 inch	4040063	13,234.000	Ft
0960	Underdrain, Subgrade, 6 inch	4040073	1,000.000	Ft
0970	Underdrain Outlet, 6 inch	4040093	1,080.000	Ft
0980	Underdrain, Outlet Ending, 6 inch	4040113	54.000	Ea
0990	Cold Milling HMA Surface	5010002	46.000	Syd
1000	HMA Surface, Rem	5010005	145,977.000	Syd
1010	Hand Patching	5010025	5.000	Ton
1020	HMA, Temp Pavt (4E3)	5010805	373.000	Ton
1030	HMA, Temp Pavt (5E3)	5010806	298.000	Ton
1040	_ HMA Approach (7.5")	5017011	209.000	Syd
1050	_ Ride Incentive	5017060	34,700.000	Dlr
1060	Joint, Expansion, E3	6020208	212.000	Ft
1070	Joint, Expansion, E4	6020209	234.000	Ft
1080	Pavt Gapping	6020215	8,350.000	Ft
1090	_ Joint, Expansion, E2, Modified	6027001	360.000	Ft

1100	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	593.000	Syd
1110	Conc, Grade S2	7060011	50.000	Cyd
1120	Reinforcement, Steel, Culv and Headwall	7060091	2,188.000	Lb
1130	_ Conduit, Clean and Test	8007001	95.000	Ft
1140	_ Cabinet Equipment, Rem and Reinstall	8007050	1.000	Ea
1150	_ Hh, Clean	8007050	1.000	Ea
1160	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
1170	_ Pedestrian Ramp, Temp	8007050	1.000	Ea
1180	_ Roadside Unit, Intersection	8007050	1.000	Ea
1190	_ Weigh In Motion (WIM)	8007051	1.000	LSUM
1200	Curb and Gutter, Bridge Approach	8020010	323.000	Ft
1210	Curb and Gutter, Conc, Det D2	8020031	530.000	Ft
1220	Shoulder Gutter, Conc, Det 2	8020056	5.000	Ea
1230	Valley Gutter, Conc	8020060	450.000	Ft
1240	Downspout Header, Conc	8020070	34.000	Ea
1250	Spillway, Conc	8020075	86.000	Ft
1260	Detectable Warning Surface	8030010	34.000	Ft
1270	Sidewalk Ramp, Conc, 6 inch	8030036	480.000	Sft
1280	Sidewalk, Conc, 4 inch	8030044	400.000	Sft
1290	Sidewalk, Conc, 6 inch	8030046	140.000	Sft
1300	Guardrail, Type MGS-8	8070004	11,948.000	Ft
1310	Guardrail, Type T, Temp	8070007	225.000	Ft
1320	Guardrail Anch, Bridge, Det T4	8070025	16.000	Ea
1330	Guardrail Approach Terminal, Type 2M	8070044	22.000	Ea
1340	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
1350	Guardrail Departing Terminal, Type MGS	8070052	18.000	Ea
1360	Guardrail Reflector	8070080	276.000	Ea
1370	Guardrail, Reconst, Type T	8070109	888.000	Ft
1380	_ Flexible Guardrail Delineator (White)	8077050	220.000	Ea
1390	_ Flexible Guardrail Delineator (Yellow)	8077050	20.000	Ea
1400	Fence, Woven Wire with Wood Post	8080001	1,000.000	Ft
1410	Fence, Woven Wire with Steel Post	8080002	22,646.000	Ft
1420	Fence, Protective	8080007	5,927.000	Ft
1430	_ Field Office, CL 1, Modified	8097043	12.000	Mo
1440	_ Field Office, Utility Fees, Modified	8097060	10,000.000	Dlr
1450	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
1460	Bridge Sign Connection, Steel, Type I	8100068	1.000	Ea
1470	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
1480	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
1490	Cantilever, Type E	8100104	2.000	Ea
1500	Column, Breakaway, W8 x 13	8100120	2.000	Ea
1510	Delineator Reflector, Red	8100131	20.000	Ea
1520	Delineator Reflector, Green	8100133	40.000	Ea
1530	Delineator Reflector, White	8100134	157.000	Ea
1540	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	8.000	Ea

1550	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	4.000	Ea
1560	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	16.000	Ea
1570	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
1580	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	20.000	Ft
1590	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Uncased	8100171	20.000	Ft
1600	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
1610	Fdn, Wood Support, Rem	8100280	25.000	Ea
1620	Installing MDOT Supplied Sign, Type III	8100302	4.000	Ea
1630	Perforated Steel Square Tube Breakaway System	8100330	9.000	Ea
1640	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	9.000	Ea
1650	Delineator, Rem	8100349	200.000	Ea
1660	Post, Flexible, Delineator	8100360	20.000	Ea
1670	Post, Rigid, Delineator	8100361	197.000	Ea
1680	Post, Steel, 3 lb	8100371	1,046.000	Ft
1690	Post, Wood, 4 inch by 6 inch	8100380	230.000	Ft
1700	Post, Wood, 6 inch by 8 inch	8100382	332.000	Ft
1710	Sign, Type I, Rem	8100391	10.000	Ea
1720	Sign, Type IA	8100392	991.000	Sft
1730	Sign, Type IB	8100393	126.000	Sft
1740	Sign, Type II, Rem	8100397	26.000	Ea
1750	Sign, Type IIA	8100398	277.000	Sft
1760	Sign, Type IIB	8100399	29.000	Sft
1770	Sign, Type III, Erect, Salv	8100402	5.000	Ea
1780	Sign, Type III, Rem	8100403	62.000	Ea
1790	Sign, Type IIIA	8100404	120.000	Sft
1800	Sign, Type IIIB	8100405	95.000	Sft
1810	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1820	Sign, Type VA	8100424	27.000	Sft
1830	Sign, Type VB	8100425	314.000	Sft
1840	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
1850	Reflective Panel for Permanent Sign Support, 6 foot	8100616	5.000	Ea
1860	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	4.000	Ea
1870	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
1880	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	80.000	Ft
1890	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
1900	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	4.000	Ea
1910	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	2.000	Ea
1920	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1930	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	150.000	Ft
1940	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft

1950	Pavt Mrkg, Waterborne, 4 inch, White	8110231	18,020.000	Ft
1960	Pavt Mrkg, Waterborne, 6 inch, White	8110233	63,950.000	Ft
1970	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	62,305.000	Ft
1980	Pavt Mrkg, Waterborne, 12 inch, White	8110237	10,795.000	Ft
1990	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	10,520.000	Ft
2000	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	33,450.000	Ft
2010	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	32,305.000	Ft
2020	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	5,295.000	Ft
2030	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	55,800.000	Ft
2040	Rem Curing Compound, for Longit Mrkg, 8 inch	8110309	6,800.000	Ft
2050	Rem Spec Mrkg	8110343	100.000	Sft
2060	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
2070	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
2080	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
2090	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
2100	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
2110	Pedestrian Type II Barricade, Temp	8120026	7.000	Ea
2120	Pedestrian Type II Channelizer, Temp	8120027	220.000	Ft
2130	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
2140	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	10.000	Ea
2150	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	10.000	Ea
2160	Conc Barrier Reflector Replacement	8120070	570.000	Ea
2170	Conc Barrier, Temp, Adj	8120080	17,600.000	Ft
2180	Conc Barrier, Temp, Furn	8120081	45,200.000	Ft
2190	Conc Barrier, Temp, Oper	8120082	45,200.000	Ft
2200	Conc Barrier, Temp, Relocated	8120083	3,000.000	Ft
2210	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	200.000	Ea
2220	Delineator, Flexible, Temp, Furn	8120091	150.000	Ea
2230	Delineator, Flexible, Temp, Oper	8120092	150.000	Ea
2240	Glare Screen, Temp	8120094	9,900.000	Ft
2250	Glare Screen, Temp, Relocated	8120095	100.000	Ft
2260	Glare Screen, Temp, Complete Section, Replaced	8120096	250.000	Ea
2270	High Intensity Light, Type B, Furn	8120110	11.000	Ea
2280	High Intensity Light, Type B, Oper	8120111	11.000	Ea
2290	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
2300	Lighted Arrow, Type C, Oper	8120141	9.000	Ea
2310	Ltg for Night Work	8120160	1.000	LSUM
2320	Minor Traf Devices	8120170	1.000	LSUM
2330	Mobile Attenuator	8120180	2.000	Ea
2340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	89,430.000	Ft
2350	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	9,430.000	Ft
2360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	24,250.000	Ft

2370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	21,030.000	Ft
2380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	110,720.000	Ft
2390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	76,450.000	Ft
2400	Plastic Drum, Fluorescent, Furn	8120252	930.000	Ea
2410	Plastic Drum, Fluorescent, Oper	8120253	930.000	Ea
2420	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	120.000	Ea
2430	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	340.000	Ea
2440	Sign Cover	8120310	145.000	Ea
2450	Sign Cover, Type 1	8120320	6.000	Ea
2460	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	9.000	Ea
2470	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	9.000	Ea
2480	Sign, Type A, Temp, Prismatic, Furn	8120340	1,820.000	Sft
2490	Sign, Type A, Temp, Prismatic, Oper	8120341	1,820.000	Sft
2500	Sign, Type B, Temp, Prismatic, Furn	8120350	4,570.000	Sft
2510	Sign, Type B, Temp, Prismatic, Oper	8120351	4,570.000	Sft
2520	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	3,390.000	Sft
2530	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	3,390.000	Sft
2540	Traf Regulator Control	8120370	1.000	LSUM
2550	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	12,487.000	Ft
2560	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	12,487.000	Ft
2570	_ Pedestrian Barrier with Fence, Temp	8127001	370.000	Ft
2580	_ Temp Rumble Strips (Orange)	8127001	1,370.000	Ft
2590	_ Barrier Gate, Temp, Furn	8127050	4.000	Ea
2600	_ Barrier Gate, Temp, Open/Close	8127050	12.000	Ea
2610	_ Barrier Gate, Temp, Oper	8127050	4.000	Ea
2620	Riprap, Heavy	8130005	32.000	Syd
2630	Riprap, Plain	8130010	230.000	Syd
2640	_ Riprap, Special	8137031	390.000	Ton
2650	Ditch, Plain Cobble	8140005	1,465.000	Syd
2660	Site Preparation, Max \$5,800.00	8150001	1.000	LSUM
2670	Watering and Cultivating, First Season, Min \$2,800.00	8150002	1.000	LSUM
2680	Watering and Cultivating, Second Season, Min \$3,500.00	8150003	1.000	LSUM
2690	Acer ginnala, 1 1/2 inch	8150059	10.000	Ea
2700	Crataegus crusgalli Inermis, tree form, 1 1/2 inch	8151130	10.000	Ea
2710	Gleditsia triacanthos inermis Skyline, 1 1/2 inch	8151658	10.000	Ea
2720	Malus Prairie Fire, 1 1/2 inch	8152313	10.000	Ea
2730	Picea glauca Densata, 4 foot	8152754	15.000	Ea
2740	Picea omorika, 4 foot	8152786	15.000	Ea
2750	Mulch	8160025	1,202.000	Syd
2760	Seeding, Mixture CR	8160035	350.000	Lb

2770	Seeding, Mixture TSM	8160041	21.000	Lb
2780	Water, Sodding/Seeding	8160090	14.000	Unit
2790	Slope Restoration, Type A	8160100	169,345.000	Syd
2800	Slope Restoration, Type B	8160101	43,190.000	Syd
2810	Slope Restoration, Type C	8160102	24,150.000	Syd
2820	Slope Restoration, Type D	8160103	600.000	Syd
2830	Cable Pole, TS, Dismant	8190010	1.000	Ea
2840	Cable, Intercn, Rem	8190015	1,500.000	Ft
2850	Conduit, DB, 1, 1 1/4 inch	8190026	40.000	Ft
2860	Conduit, DB, 1, 1 1/2 inch	8190027	90.000	Ft
2870	Conduit, DB, 1, 3 inch	8190029	60.000	Ft
2880	Conduit, DB, 3, 3 inch	8190035	70.000	Ft
2890	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
2900	Conduit, Rem	8190140	390.000	Ft
2910	Hh, Polymer Conc	8190250	2.000	Ea
2920	Hh, Rem	8190254	7.000	Ea
2930	Hh, Round, 3 foot dia	8190259	1.000	Ea
2940	Hh, Round	8190260	3.000	Ea
2950	Cable, Sec, 600V, 1, 3/C#6	8190399	100.000	Ft
2960	Wood Pole, Rem	8190505	1.000	Ea
2970	Conduit, Directional Bore, 1, 3 inch	8190602	50.000	Ft
2980	_ Conduit, DB, 1, 1 inch	8197001	60.000	Ft
2990	_ Conduit, Directional Bore, 1, 1 1/4 inch	8197001	50.000	Ft
3000	_ Conduit, Directional Bore, 1, 1 inch	8197001	50.000	Ft
3010	_ Hh, Round, Elec	8197050	2.000	Ea
3020	Case Sign, Rem	8200020	1.000	Ea
3030	Controller and Cabinet, Rem	8200030	1.000	Ea
3040	Controller Fdn, Base Mount	8200045	1.000	Ea
3050	Controller Fdn, Rem	8200046	1.000	Ea
3060	Global Positioning System Module	8200050	2.000	Ea
3070	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
3080	Pedestal Fdn, Rem	8200106	1.000	Ea
3090	Pedestal, Rem	8200110	1.000	Ea
3100	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
3110	Serv Disconnect	8200135	1.000	Ea
3120	Serv Disconnect, Rem	8200136	1.000	Ea
3130	Span Wire	8200140	3.000	Ea
3140	Span Wire, Rem	8200141	1.000	Ea
3150	Span Wire Tether	8200142	3.000	Ea
3160	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
3170	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
3180	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
3190	Cabinet, NEMA Type	8200186	1.000	Ea
3200	TS, One Way Span Wire Mtd (LED)	8200313	7.000	Ea
3210	TS, Pedestrian, One Way Bracket Arm Mtd (LED)	8200336	2.000	Ea

	Countdown			
3220	Wireless Vehicle Detection System	8200422	1.000	Ea
3230	Wireless Vehicle Sensor Node	8200425	9.000	Ea
3240	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	2.000	Ea
3250	TS Face, Bag	8200458	8.000	Ea
3260	TS Face, Bag, Rem	8200459	8.000	Ea
3270	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
3280	Strain Pole Fdn, 6 Bolt	8200470	60.000	Ft
3290	Casing	8200480	46.000	Ft
3300	Cellular Modem, TS, 4G	8200498	1.000	Ea
3310	Backplate, TS	8200501	7.000	Ea
3320	_ Controller, NEMA ATC Type	8207050	1.000	Ea
3330	Monument Box	8210001	8.000	Ea
3340	Monument Preservation	8210010	5.000	Ea
3350	Monument Preservation, Vertical	8210015	5.000	Ea
3360	Protect Corners	8210020	3.000	Ea
3370	Shoulder Corrugations, Ground or Cut, HMA	8220001	2,460.000	Ft
3380	Contractor Staking	8240001	1.000	LSUM
3390	Staking Plan Errors and Extras, One Person	8240020	141.000	Hr
3400	Staking Plan Errors and Extras, Two Person	8240021	57.000	Hr
3410	Staking Plan Errors and Extras, Three Person	8240022	85.000	Hr
3420	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3430	Lightning Protection, Pole	8260021	1.000	Ea
3440	Flowable Fill, Non-Structural	8260148	12.000	Cyd

Section: 2

3450	Excavation, Earth	2050016	117,964.000	Cyd
3460	Subgrade Undercutting, Type II	2050041	28,570.000	Cyd
3470	_ Embankment, CIP, Special	2057021	11,108.000	Cyd
3480	Subbase, CIP	3010002	32,786.000	Cyd
3490	Open-Graded Dr Cse, 6 inch	3030006	171,743.000	Syd
3500	_ Shoulder, CI II, 10 inch, Modified	3077011	7,865.000	Syd
3510	_ Shoulder, CI II, 12 inch, Modified	3077011	4,391.000	Syd
3520	_ Shoulder, CI II, 9 inch, Modified	3077011	847.000	Syd
3530	Underdrain, Subbase, 6 inch	4040063	50,046.000	Ft
3540	Underdrain Outlet, 6 inch	4040093	3,460.000	Ft
3550	Underdrain, Outlet Ending, 6 inch	4040113	173.000	Ea
3560	Conc Pavt, Curing Horizontal Surfaces	6020159	152,333.000	Syd
3570	Joint, Contraction, C3p	6020201	35,855.000	Ft
3580	Joint, Expansion, E4	6020209	22.000	Ft
3590	Conc Quality Initiative	6020401	47,886.000	Dlr
3600	Conc Pavt, Nonreinf, 9 inch, High Performance	6020502	5,810.000	Syd
3610	Conc Pavt, Nonreinf, 10 inch, High Performance	6020504	36,845.000	Syd
3620	Conc Pavt, Nonreinf, 12 inch, High Performance	6020508	48,991.000	Syd

3630	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	973.000	Syd
3640	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	1,276.000	Syd
3650	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	5,415.000	Syd
3660	Shoulder, Nonreinf Conc, High Performance	6020524	55,864.000	Syd
3670	_ Joint, Contraction, Cp, Modified	6027001	68,208.000	Ft
3680	_ Joint, Expansion, E2, Modified	6027001	32.000	Ft
3690	Joint, Contraction, Crg	6030020	77.000	Ft
3700	Lane Tie, Epoxy Anchored	6030030	125.000	Ea
3710	Curb and Gutter, Conc, Det B1	8020015	427.000	Ft
3720	Curb and Gutter, Conc, Det D1	8020030	1,596.000	Ft
3730	_ Curb and Gutter, Conc, Det D1, Modified	8027001	7,490.000	Ft
3740	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	8,520.000	Ft
3750	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	59,505.000	Ft
3760	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	5,295.000	Ft
3770	Rem Curing Compound, for Spec Mrkg	8110321	678.000	Sft
3780	Shoulder Corrugations, Ground or Cut, Conc	8220000	26,190.000	Ft

Section: 3

3790	Excavation, Earth	2050016	211,094.000	Cyd
3800	_ Embankment, CIP, Special	2057021	9,444.000	Cyd
3810	Subbase, CIP	3010002	127,545.000	Cyd
3820	Aggregate Base, 6 inch	3020016	172,213.000	Syd
3830	_ Shoulder, CI II, 11.75 inch, Modified	3077011	4,391.000	Syd
3840	_ Shoulder, CI II, 7.5 inch, Modified	3077011	847.000	Syd
3850	_ Shoulder, CI II, 9.5 inch, Modified	3077011	7,865.000	Syd
3860	Underdrain, Subbase, 6 inch	4040063	33,399.000	Ft
3870	Underdrain Outlet, 6 inch	4040093	2,420.000	Ft
3880	Underdrain, Outlet Ending, 6 inch	4040113	121.000	Ea
3890	HMA Quality Initiative	5010007	184,335.000	Dlr
3900	Longitudinal Joint Density Quality Initiative	5010018	268,630.000	Dlr
3910	_ HMA Approach (11.75")	5017011	5,415.000	Syd
3920	_ HMA Approach (7.5")	5017011	1,107.000	Syd
3930	_ HMA Approach (9.5")	5017011	1,276.000	Syd
3940	_ HMA, 2E03 (5")	5017011	15,651.000	Syd
3950	_ HMA, 2E10 (5")	5017011	42,706.000	Syd
3960	_ HMA, 2E10, High Stress (5")	5017011	1,067.000	Syd
3970	_ HMA, 3E03 (3.5")	5017011	2,371.000	Syd
3980	_ HMA, 3E3 (3.5")	5017011	7,380.000	Syd
3990	_ HMA, 3E3 (7.25")	5017011	14,922.000	Syd
4000	_ HMA, 3E30 (7.25")	5017011	63,452.000	Syd
4010	_ HMA, 4E03 (2")	5017011	19,638.000	Syd
4020	_ HMA, 4E03 (2.5")	5017011	15,651.000	Syd
4030	_ HMA, 4E10 (2")	5017011	42,706.000	Syd
4040	_ HMA, 4E10 (2.5")	5017011	42,706.000	Syd
4050	_ HMA, 4E10, High Stress (2")	5017011	1,067.000	Syd

4060	_ HMA, 4E10, High Stress (2.5")	5017011	1,067.000	Syd
4070	_ HMA, 4E3 (2")	5017011	29,597.000	Syd
4080	_ HMA, 4E3 (2.5")	5017011	14,922.000	Syd
4090	_ HMA, 4E30 (2")	5017011	63,452.000	Syd
4100	_ HMA, 4E30 (2.5")	5017011	63,452.000	Syd
4110	Curb and Gutter, Conc, Det B2	8020016	427.000	Ft
4120	Curb and Gutter, Conc, Det D2	8020031	2,730.000	Ft
4130	_ Curb and Gutter, Conc, Det D2, Modified	8027001	6,356.000	Ft
4140	Shoulder Corrugations, Ground or Cut, HMA	8220001	26,190.000	Ft

Section: 4

4150	Backfill, Structure, CIP	2060002	7.000	Cyd
4160	Excavation, Fdn	2060010	7.000	Cyd
4170	Conduit, 3 inch	7060030	70.000	Ft
4180	Expansion Joint Device	7060050	117.000	Ft
4190	False Decking	7060060	170.000	Sft
4200	Reinforcement, Steel, Epoxy Coated	7060092	2,377.000	Lb
4210	_ Conc, Deck Joint Replacement	7067021	21.000	Cyd
4220	Joint Waterproofing	7100001	66.000	Sft
4230	Conc Surface Coating, Warranty (S10 of 70024)	7100009	1.000	LSUM
4240	Conc Surface Coating, Warranty (S12 of 70024)	7100009	1.000	LSUM
4250	Substructure Horizontal Surface Sealer (S10 of 70024)	7100030	9.000	Syd
4260	Bridge Barrier Railing, Type 4	7110001	5.000	Ft
4270	Hand Chipping, Shallow	7120003	20.000	Syd
4280	Hand Chipping, Deep	7120004	80.000	Syd
4290	Hand Chipping, Other Than Deck	7120007	15.000	Cft
4300	Patch, Forming	7120017	45.000	Sft
4310	Epoxy Ovly	7120020	1,405.000	Syd
4320	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	86.000	Ea
4330	Deck Joint, Rem	7120071	117.000	Ft
4340	Patching Conc, C-L	7120112	13.000	Cyd
4350	Embedded Galvanic Anode	7120120	352.000	Ea
4360	Beam Plate, Seal Perimeter	7130010	900.000	Ft
4370	End Diaphragm, Rem and Replace	7150010	5.000	Ea
4380	Steel Structure, Cleaning, Partial, Type 4 (S10 of 70024)	7150047	1.000	LSUM
4390	Steel Structure, Coating, Partial, Type 4 (S10 of 70024)	7150048	1.000	LSUM
4400	Slope Paving Header	8130015	10.000	Ft
4410	Slope Paving, Conc	8130020	40.000	Syd

Section: 5

4420	_ User Delay Cost, Mainline	1027051	1.000	LSUM
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Schedule of Pay Items

Report v1

Letting Call: 190201 005

Letting Date: February 1, 2019

Contract ID: 06111-203015

Description: Application of longitudinal pavement markings on various routes, Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, Sanilac, Shiawassee, St. Clair and Tuscola Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203015A	1900191	N/A	HSIP 06111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$254,500.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	5.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	555,000.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,210,000.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,910,000.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,075,000.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	465,000.000	Ft
0090	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	58.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	367,000.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,448,000.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,576,000.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,204,450.000	Ft
0140	Pavt Mrkg, Waterborne, 12 inch, White	8110237	500.000	Ft
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	2,650.000	Ft
0160	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	64,400.000	Ft
0170	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	1,850.000	Ft
0180	Recessing Pavt Mrkg, Longit	8110450	1,000.000	Ft
0190	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	550,000.000	Ft
0200	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	330,000.000	Ft
0210	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	2,050.000	Ft
0220	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	7,650.000	Ft

0230	Pavt Mrkg, Wet Retrlec Polyurea, 6 inch, Yellow	8110505	7,350.000	Ft
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	18,000.000	Ft
0260	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	200.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 190201 006**Letting Date:** February 1, 2019**Contract ID:** 25000-130629

Description: 1.96 mi of hot mix asphalt removal and resurfacing, concrete pavement repairs, curb and gutter, drainage repairs and pavement markings on Hill Road from Fenton Road to Dort Highway (M-54), Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130629A	1900135	N/A	EDCF 25000
130643A	1900135	N/A	STU 25000
130648A	1900135	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$384,400.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	3.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	200.000	Ft
0040	Curb and Gutter, Rem	2040020	250.000	Ft
0050	Sidewalk, Rem	2040055	100.000	Syd
0060	_ Pavt, Rem, Modified	2047011	27,000.000	Syd
0070	Embankment, CIP	2050010	2,000.000	Cyd
0080	Excavation, Earth	2050016	10,500.000	Cyd
0090	_ Subgrade Undercutting, Type II, Modified	2057021	3,000.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	69.000	Ea
0110	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0120	_ Aggregate Base, 10 inch, Modified	3027011	25,600.000	Syd
0130	_ Aggregate Base, 7 inch, Modified	3027011	1,225.000	Syd
0140	_ Maintenance Gravel, Modified	3067031	4,000.000	Ton
0150	Geotextile, Stabilization	3080010	6,000.000	Syd
0160	Sewer, CI IV, 12 inch, Tr Det A	4020960	50.000	Ft
0170	Sewer, CI IV, 12 inch, Tr Det B	4020987	75.000	Ft
0180	Sewer Tap, 12 inch	4021204	2.000	Ea
0190	Sewer Bulkhead, 12 inch	4021230	2.000	Ea
0200	Video Taping Sewer and Culv Pipe	4021275	125.000	Ft
0210	Dr Structure Cover, Adj, Case 1	4030005	70.000	Ea
0220	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0230	Dr Structure Cover, Type B	4030010	5.000	Ea
0240	Dr Structure Cover, Type C	4030015	3.000	Ea
0250	Dr Structure Cover, Type G	4030040	3.000	Ea

0260	Dr Structure Cover, Type K	4030050	10.000	Ea
0270	Dr Structure, 24 inch dia	4030200	5.000	Ea
0280	Dr Structure, 48 inch dia	4030210	1.000	Ea
0290	Dr Structure, Adj, Add Depth	4030280	150.000	Ft
0300	Dr Structure, Tap, 4 inch	4030304	50.000	Ea
0310	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0320	Underdrain, Subgrade, 4 inch	4040071	3,300.000	Ft
0330	Underdrain Outlet, 4 inch	4040091	100.000	Ft
0340	Cold Milling HMA Surface	5010002	5,450.000	Syd
0350	HMA Surface, Rem	5010005	29,500.000	Syd
0360	Hand Patching	5010025	900.000	Ton
0370	HMA, 3E10	5010046	7,875.000	Ton
0380	HMA, 4E10	5010052	8,100.000	Ton
0390	HMA, 5E10	5010058	6,425.000	Ton
0400	HMA Approach	5010061	810.000	Ton
0410	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	12,000.000	Ft
0420	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	6,000.000	Ft
0430	_ HMA Commercial Approach, Special	5017011	675.000	Syd
0440	_ HMA Residential Approach, Special	5017011	400.000	Syd
0450	Conc Base Cse, Nonreinf, 9 inch	6020021	800.000	Syd
0460	Conc Pavt, Nonreinf, 10 inch	6020108	1,000.000	Syd
0470	Joint, Contraction, Cp	6020200	500.000	Ft
0480	Cement	6030005	10.000	Ton
0490	Crack Sealing, Conc Pavt	6030010	1,000.000	Ft
0500	Joint, Contraction, Crg	6030020	1,500.000	Ft
0510	Lane Tie, Epoxy Anchored	6030030	1,500.000	Ea
0520	Pavt Repr, Nonreinf Conc, 10 inch	6030048	500.000	Syd
0530	Resealing Trans Joints with Hot-Poured Rubber	6030100	1,500.000	Ft
0540	Resealing Longit Joints with Hot-Poured Rubber	6030101	2,500.000	Ft
0550	_ Conc Repair, Non-Cementitious, Partial Depth	6037011	100.000	Syd
0560	_ Pavt Repr, Rem, Modified	6037011	500.000	Syd
0570	_ Driveway, Nonreinf Conc, 5 inch, Modified	8017011	75.000	Syd
0580	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	500.000	Syd
0590	Curb and Gutter, Conc, Det F2	8020036	12,000.000	Ft
0600	Curb and Gutter, Conc, Det F3	8020037	200.000	Ft
0610	Curb and Gutter, Conc, Det F4	8020038	200.000	Ft
0620	Driveway Opening, Conc, Det M	8020050	2,800.000	Ft
0630	Detectable Warning Surface	8030010	50.000	Ft
0640	Curb Ramp Opening, Conc	8030030	100.000	Ft
0650	Sidewalk Ramp, Conc, 7 inch	8030037	350.000	Sft
0660	Sidewalk, Conc, 4 inch	8030044	500.000	Sft
0670	Post, Mailbox	8070095	70.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,750.000	Ft
0690	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	700.000	Ft
0700	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	28.000	Ea

0710	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0720	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,000.000	Ft
0730	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,000.000	Ft
0740	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,600.000	Ft
0750	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	9,000.000	Ft
0760	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,000.000	Ft
0770	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,600.000	Ft
0780	Rem Spec Mrkg	8110343	650.000	Sft
0790	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0800	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0810	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	600.000	Ea
0820	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	600.000	Ea
0830	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0840	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0850	Minor Traf Devices	8120170	1.000	LSUM
0860	Part Width Intersection Construction	8120190	2.000	Ea
0870	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	24,000.000	Ft
0880	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	200.000	Ft
0890	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	250.000	Ft
0900	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	200.000	Ft
0910	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	15.000	Ea
0920	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	5.000	Ea
0930	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	2,000.000	Ft
0940	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	10,000.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	20,000.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	15,000.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	40,000.000	Ft
0990	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
1000	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
1010	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	250.000	Ft
1020	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	22.000	Ea
1030	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	5.000	Ea
1040	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	150.000	Ft
1050	Sign Cover	8120310	20.000	Ea
1060	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
1070	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
1080	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
1090	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft

1100	Traf Regulator Control	8120370	1.000	LSUM
1110	_ Sidewalk Ramp Maintenance, Temp	8127050	6.000	Ea
1120	_ Turf Establishment, Performance-No Rye, Special	8167011	10,000.000	Syd
1130	Monument Box Adjust	8210005	2.000	Ea
1140	Monument Preservation	8210010	4.000	Ea
1150	_ Adjusting Sanitary Sewer Manhole, Additional Depth, Special	8237001	4.000	Ft
1160	_ Adjusting Water Manhole, Additional Depth, Special	8237001	4.000	Ft
1170	_ Adjusting Sanitary Sewer Manhole Cover, Case 1, Special	8237050	2.000	Ea
1180	_ Adjusting Sanitary Sewer Manhole Cover, Case 2, Special	8237050	2.000	Ea
1190	_ Adjusting Water Manhole Cover, Case 1, Special	8237050	2.000	Ea
1200	_ Adjusting Water Manhole Cover, Case 2, Special	8237050	2.000	Ea
1210	_ Curb Box, Adjust, Special	8237050	2.000	Ea
1220	_ Gate Box, Adjust, Special	8237050	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190201 007**Letting Date:** February 1, 2019**Contract ID:** 34000-129678**Description:** 7.50 mi of hot mix asphalt cold milling and resurfacing, shoulders and approach work on Grand River Avenue from M-66 to Kelsey Highway, Ionia County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129678A	N/A	N/A	EDD 34000
129679A	1900097	N/A	STL 34000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$80,700.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	410.000	Syd
0030	Approach, CI II	3070021	100.000	Ton
0040	Shoulder, CI II	3070121	2,475.000	Ton
0050	Cold Milling HMA Surface	5010002	325.000	Syd
0060	HMA, 4E1	5010050	12,270.000	Ton
0070	HMA Approach	5010061	160.000	Ton
0080	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	1,074.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	1,074.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 008

Letting Date: February 1, 2019

Contract ID: 11000-202437

Description: Bridge removal and replacement with 21 inch prestressed concrete box beams and approach work on West Glendora Road over the east branch of the Galien River, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202437A	N/A	N/A	MCS 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$76,100.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	4.000	Sta
0030	Embankment, CIP	2050010	325.000	Cyd
0040	Excavation, Earth	2050016	800.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0060	Erosion Control, Silt Fence	2080036	702.000	Ft
0070	Subbase, CIP	3010002	675.000	Cyd
0080	Aggregate Base	3020001	710.000	Ton
0090	Aggregate Base, 8 inch	3020020	1,325.000	Syd
0100	Shoulder, CI II, 6 inch	3070128	210.000	Syd
0110	HMA Surface, Rem	5010005	850.000	Syd
0120	HMA, 13A	5010033	325.000	Ton
0130	HMA, 36A	5010034	110.000	Ton
0140	Curb and Gutter, Bridge Approach	8020010	81.000	Ft
0150	Guardrail, Type B	8070000	100.000	Ft
0160	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0170	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0180	Guardrail Reflector	8070080	20.000	Ea
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	750.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	750.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	460.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	460.000	Sft
0260	Ditch, Plain Cobble	8140005	20.000	Syd

0270	_ Slope Restoration, Modified	8167011	950.000	Syd
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Section: 2

0280	Structures, Rem	2040060	1.000	LSUM
0290	Backfill, Structure, CIP	2060002	625.000	Cyd
0300	Excavation, Fdn	2060010	1,120.000	Cyd
0310	Erosion Control, Filter Bag	2080014	2.000	Ea
0320	_ Turbidity Curtain, Modified	2087001	150.000	Ft
0330	Underdrain, Fdn, 4 inch	4040031	46.000	Ft
0340	Underdrain Outlet, 4 inch	4040091	16.000	Ft
0350	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0360	Joint, Expansion, E3	6020208	35.000	Ft
0370	Cofferdams	7040007	1.000	LSUM
0380	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0390	Pile, Steel, Furn and Driven, 12 inch	7050030	1,396.000	Ft
0400	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0410	Pile Point, Steel	7050039	42.000	Ea
0420	Pile, Steel, Splice	7050050	42.000	Ea
0430	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0440	Bridge Ltg, Oper and Maintain	7060002	83.000	Cyd
0450	Conc, Grade T	7060013	111.000	Cyd
0460	False Decking	7060060	691.000	Sft
0470	Reinforcement, Steel, Epoxy Coated	7060092	38,691.000	Lb
0480	Substructure Conc	7060100	219.000	Cyd
0490	Superstructure Conc	7060110	7.000	Cyd
0500	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0510	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0520	Superstructure Conc, Night Casting	7060113	83.000	Cyd
0530	Bearing, Elastomeric, 1 inch	7070012	2,574.000	Sin
0540	Bearing, Elastomeric, 1 1/4 inch	7070013	2,574.000	Sin
0550	Prest Conc Deck, 21 inch	7080003	2,106.000	Sft
0560	Post Tensioning	7080015	1.000	LSUM
0570	Joint Waterproofing	7100001	175.000	Sft
0580	Joint Waterproofing, Expansion	7100003	124.000	Sft
0590	_ Silane Treatment	7107010	1,350.000	Sft
0600	Bridge Railing, Aesthetic Parapet Tube	7110005	104.000	Ft
0610	Riprap, Heavy	8130005	500.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190201 009

Letting Date: February 1, 2019

Contract ID: 56000-133034

Description: Bridge reconstruction with 12-inch prestressed concrete box beam, steel sheet piling, hot mix asphalt paving, aggregate base, guardrail and pavement markings on North Sturgeon Road over the Newell Drain, Midland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133034A	1900096	N/A	BRT 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$70,800.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	396.000	Ft
0030	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0040	_ Machine Grading, Modified	2057002	2.000	Sta
0050	Erosion Control, Silt Fence	2080036	500.000	Ft
0060	Erosion Control, Turbidity Curtain, Deep	2080042	120.000	Ft
0070	Subbase, CIP	3010002	304.000	Cyd
0080	Aggregate Base, 8 inch	3020020	815.000	Syd
0090	HMA Surface, Rem	5010005	607.000	Syd
0100	HMA, LVSP	5010703	149.000	Ton
0110	Curb and Gutter, Bridge Approach	8020010	97.000	Ft
0120	Guardrail, Type B	8070000	100.000	Ft
0130	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0140	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	456.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	57.000	Ft
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	220.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	220.000	Sft
0220	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	45.000	Sft
0230	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	45.000	Sft
0240	_ Slope Restoration, Modified	8167011	556.000	Syd

Section: 2

0250	Structures, Rem	2040060	1.000	LSUM
0260	Excavation, Channel	2050015	78.000	Cyd
0270	_ Granular Embankment, AASHTO #89 Stone	2057021	1,345.000	Cyd
0280	Aggregate, 6A	2060001	232.000	Cyd
0290	Excavation, Fdn	2060010	2,230.000	Cyd
0300	_ RSF, MDOT 21AA, CIP, Crushed Limestone	2067021	290.000	Cyd
0310	_ High Strength Woven Polypropylene Fabric	3087011	8,208.000	Syd
0320	Steel Sheet Piling, Temp, Left in Place	7040003	1,650.000	Sft
0330	Reinforcement, Steel, Epoxy Coated	7060092	9,059.000	Lb
0340	Superstructure Conc	7060110	63.000	Cyd
0350	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0360	_ Reinforcement, Steel, Epoxy Coated Dowel	7067001	559.000	Ft
0370	_ Structure Name Plate	7067050	1.000	Ea
0380	Bearing, Elastomeric, 3/4 inch	7070011	1,584.000	Sin
0390	Prest Conc Box Beam, Furn, 12 inch	7080051	144.000	Ft
0400	Prest Conc Box Beam, Erect, 12 inch	7080052	144.000	Ft
0410	Joint Waterproofing, Expansion	7100003	168.000	Sft
0420	Conc Surface Coating	7100011	53.000	Syd
0430	Bridge Railing, 2 Tube	7110008	51.000	Ft
0440	_ Concrete Cap	8047001	75.000	Ft
0450	_ Solid Concrete Masonry Block	8047050	1,440.000	Ea
0460	_ Splitface Concrete Masonry Block	8047050	1,301.000	Ea
0470	_ Riprap, Heavy, Modified	8137011	279.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190201 010

Letting Date: February 1, 2019

Contract ID: 56000-129262

Description: Bridge rehabilitation including superstructure replacement with 17 inch concrete box beams, concrete patching and pavement markings on Castor Road over Big Salt River, Midland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129262A	1900116	N/A	BO 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$68,000.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	460.000	Ft
0030	Embankment, CIP	2050010	58.000	Cyd
0040	Excavation, Earth	2050016	189.000	Cyd
0050	Erosion Control, Silt Fence	2080036	590.000	Ft
0060	Subbase, CIP	3010002	160.000	Cyd
0070	Aggregate Base	3020001	230.000	Ton
0080	Aggregate Base, 8 inch	3020020	301.000	Syd
0090	Shoulder, CI II, 3 inch	3070125	57.000	Syd
0100	HMA Surface, Rem	5010005	424.000	Syd
0110	HMA, 13A	5010033	71.000	Ton
0120	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0130	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0140	Guardrail Reflector	8070080	8.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	590.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	590.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	590.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	590.000	Ft
0190	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	398.000	Ft
0200	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	398.000	Ft
0210	Barricade, Type III, High Intensity, Lighted, Furn	8120022	16.000	Ea
0220	Barricade, Type III, High Intensity, Lighted, Oper	8120023	16.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	200.000	Sft
0270	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	200.000	Sft

0280	__Turf Establishment, Performance	8167011	843.000	Syd
Section: 2				
0290	__Structures, Rem Portions, Special	2047051	1.000	LSUM
0300	_ Trucking Salvaged Beams	2047051	1.000	LSUM
0310	Excavation, Fdn	2060010	122.000	Cyd
0320	Underdrain, Fdn, 4 inch	4040031	200.000	Ft
0330	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0340	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0350	Expansion Joint Device	7060050	49.000	Ft
0360	Reinforcement, Steel, Epoxy Coated	7060092	37,687.000	Lb
0370	Superstructure Conc	7060110	199.000	Cyd
0380	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0390	_ Salvage and Reinstall Structure Name Plate	7067050	2.000	Ea
0400	_ Structure Name Plate	7067050	2.000	Ea
0410	Bearing, Elastomeric, 1 1/4 inch	7070013	3,456.000	Sin
0420	Bearing, Elastomeric, 2 inch	7070016	2,592.000	Sin
0430	Prest Conc Box Beam, Furn, 17 inch	7080055	942.000	Ft
0440	Prest Conc Box Beam, Erect, 17 inch	7080056	942.000	Ft
0450	Joint Waterproofing, Expansion	7100003	102.000	Sft
0460	Bridge Railing, 2 Tube	7110008	297.000	Ft
0470	Hand Chipping, Other Than Deck	7120007	7.000	Cft
0480	Patch, Forming	7120017	25.000	Sft
0490	Patching Conc, C-L	7120112	1.000	Cyd
0500	Embedded Galvanic Anode	7120120	7.000	Ea
0510	Curb and Gutter, Bridge Approach	8020010	100.000	Ft



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 011**Letting Date:** February 1, 2019**Contract ID:** 31000-133048

Description: 1.23 mi of hot mix asphalt pulverizing and resurfacing, culverts, triaxial geogrid, aggregate base and pavement markings on Union Coal Dock Road east of Sunshine Road, Houghton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133048A	1900094	N/A	STUL 31437

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$42,600.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0040	Pavt, Rem	2040050	32.000	Syd
0050	Ditch Cleanout	2050006	2.000	Sta
0060	Embankment, LM	2050011	40.000	Cyd
0070	_ Triaxial Geogrid	2057011	18,940.000	Syd
0080	Erosion Control, Silt Fence	2080036	200.000	Ft
0090	Aggregate Base	3020001	7,230.000	Ton
0100	Approach, CI II	3070021	75.000	Ton
0110	Shoulder, CI II	3070121	935.000	Ton
0120	Culv, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch	4010905	88.000	Ft
0130	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Transv	4011060	4.000	Ea
0140	Trench Undercut and Backfill	4021260	12.000	Cyd
0150	Cold Milling HMA Surface	5010002	21,357.000	Syd
0160	HMA Surface, Rem	5010005	117.000	Syd
0170	HMA, 5E1	5010056	1,320.000	Ton
0180	HMA Approach	5010061	77.000	Ton
0190	HMA, LVSP	5010703	1,320.000	Ton
0200	Post, Steel, 3 lb	8100371	192.000	Ft
0210	Sign, Type III, Rem	8100403	4.000	Ea
0220	Sign, Type IIIA	8100404	13.000	Sft
0230	Sign, Type IIIB	8100405	55.000	Sft
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,012.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,466.000	Ft
0260	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	484.000	Ft
0300	Plastic Drum, High Intensity, Furn	8120250	72.000	Ea
0310	Plastic Drum, High Intensity, Oper	8120251	72.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	316.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	316.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	Fertilizer, Chemical Nutrient, CI A	8160020	20.000	Lb
0360	Mulch	8160025	556.000	Syd
0370	Seeding, Mixture TDS	8160037	22.000	Lb
0380	Topsoil Surface, Salv, 4 inch	8160077	556.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190201 012

Letting Date: February 1, 2019

Contract ID: 73021-116204

Description: 16.30 mi of hot mix asphalt crushing, shaping and resurfacing, drainage, guardrail and pavement markings on M-57 from the Saginaw/Gatiot county line east to M-52, on M-52 from the Saginaw/Shiawassee county line to M-57 and on M-57 from M-52 east to Cheasaning in the villages of Oakley and Cheasaning, Saginaw and Gratiot Counties. This project includes a 5 year materials and workmanship pavement warranty and a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116204A	1900211	N/A	ST 73021
201315A	N/A	N/A	M 73031
201401A	N/A	N/A	M 73021

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 \$692,300.00	1500001	1.000	LSUM
0030	Clearing	2010001	4.860	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	110.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	99.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	34.000	Ea
0080	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0090	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0100	Curb and Gutter, Rem	2040020	754.000	Ft
0110	Guardrail, Rem	2040035	4,917.000	Ft
0120	Pavt, Rem	2040050	102.000	Syd
0130	Sidewalk, Rem	2040055	204.000	Syd
0140	Ditch Cleanout	2050006	607.000	Sta
0150	Embankment, CIP	2050010	5,784.000	Cyd
0160	Excavation, Earth	2050016	7,024.000	Cyd
0170	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0180	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0190	_ Ditching, Modified	2057001	20,072.000	Ft
0200	Erosion Control, Check Dam, Stone	2080012	2,852.000	Ft
0210	Erosion Control, Filter Bag	2080014	6.000	Ea
0220	Erosion Control, Gravel Access Approach	2080016	15.000	Ea
0230	Erosion Control, Gravel Filter Berm	2080018	540.000	Ft

0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	53.000	Ea
0250	Erosion Control, Maintenance, Sediment Removal	2080026	75.000	Cyd
0260	Erosion Control, Sediment Basin	2080032	15.000	Cyd
0270	Erosion Control, Sediment Trap	2080034	161.000	Ea
0280	Erosion Control, Silt Fence	2080036	7,265.000	Ft
0290	Aggregate Base	3020001	4,000.000	Ton
0300	Aggregate Base, 7 inch	3020018	128.000	Syd
0310	HMA Base Crushing and Shaping	3050002	259,457.000	Syd
0320	Material, Surplus and Unsuitable, Rem, LM	3050010	1,000.000	Cyd
0330	Salv Crushed Material, LM	3050015	1,000.000	Cyd
0340	Maintenance Gravel, LM	3060021	300.000	Cyd
0350	Approach, CI II	3070021	2,784.000	Ton
0360	Shoulder, CI II, 4 inch	3070126	84,348.000	Syd
0370	Culv End Sect, 12 inch	4010012	89.000	Ea
0380	Culv End Sect, 15 inch	4010015	62.000	Ea
0390	Culv End Sect, 18 inch	4010018	36.000	Ea
0400	Culv End Sect, 24 inch	4010024	59.000	Ea
0410	Culv End Sect, 30 inch	4010030	6.000	Ea
0420	Culv End Sect, 36 inch	4010036	1.000	Ea
0430	Culv End Sect, Metal, 54 inch	4010103	4.000	Ea
0440	Culv, CI A, 12 inch	4010131	70.000	Ft
0450	Culv, CI A, 18 inch	4010133	45.000	Ft
0460	Culv, CI A, 24 inch	4010134	347.000	Ft
0470	Culv, CI A, 48 inch	4010138	103.000	Ft
0480	Culv, CI F, 12 inch	4010607	2,009.000	Ft
0490	Culv, CI F, 15 inch	4010608	1,874.000	Ft
0500	Culv, CI F, 18 inch	4010609	701.000	Ft
0510	Culv, CI F, 24 inch	4010610	1,408.000	Ft
0520	Culv, CI F, 30 inch	4010611	109.000	Ft
0530	Culv, CI F, 36 inch	4010612	8.000	Ft
0540	Culv, CI F, 54 inch	4010615	104.000	Ft
0550	Culv, CI F, Conc, 18 inch	4010643	11.000	Ft
0560	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0570	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	3.000	Ea
0580	Culv, Slp End Sect, 1 on 6, 48 inch, Transv	4010966	2.000	Ea
0590	Dr Marker Post	4011109	297.000	Ea
0600	_ Culvert Cleanout	4017001	339.000	Ft
0610	Sewer, CI A, 12 inch, Tr Det B	4020033	108.000	Ft
0620	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0630	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0640	Dr Structure Cover, Type B	4030010	1.000	Ea
0650	Dr Structure, 48 inch dia	4030210	1.000	Ea
0660	_ Bypass Pumping	4067051	1.000	LSUM
0670	Pavt, Cleaning	5010001	1.000	LSUM
0680	Cold Milling HMA Surface	5010002	129,566.000	Syd

0690	Bump Grinding	5010004	540.000	Syd
0700	HMA Surface, Rem	5010005	1,110.000	Syd
0710	HMA Quality Initiative	5010007	97,938.000	Dlr
0720	Longitudinal Joint Density Quality Initiative	5010018	139,499.000	Dlr
0730	Pavt Joint and Crack Repr, Det 7	5010020	400.000	Ft
0740	Hand Patching	5010025	114.000	Ton
0750	HMA, 4E3	5010051	20,194.000	Ton
0760	HMA, 5E3	5010057	25,084.000	Ton
0770	HMA Approach	5010061	2,238.000	Ton
0780	HMA, 4E3, High Stress	5010509	191.000	Ton
0790	HMA, 5E3, High Stress	5010515	1,048.000	Ton
0800	HMA Approach, High Stress	5010520	100.000	Ton
0810	HMA, Temp Pavt (4E3)	5010805	14.000	Ton
0820	HMA, Temp Pavt (5E3)	5010806	14.000	Ton
0830	_ Ride Incentive	5017060	72,159.000	Dlr
0840	Bridge Railing, Thrie Beam Retrofit	7110006	100.000	Ft
0850	Driveway, Nonreinf Conc, 6 inch	8010005	50.000	Syd
0860	Curb and Gutter, Conc, Det B2	8020016	684.000	Ft
0870	Curb and Gutter, Conc, Det C2	8020021	180.000	Ft
0880	Detectable Warning Surface	8030010	108.000	Ft
0890	Curb Ramp Opening, Conc	8030030	136.000	Ft
0900	Sidewalk Ramp, Conc, 6 inch	8030036	2,032.000	Sft
0910	Guardrail, Type MGS-8	8070004	3,578.000	Ft
0920	Guardrail, Curved, Type B	8070010	138.000	Ft
0930	Guardrail Anch, Bridge, Det A1	8070020	4.000	Ea
0940	Guardrail Approach Terminal, Type 2M	8070044	30.000	Ea
0950	Guardrail Departing Terminal, Type B	8070050	5.000	Ea
0960	Guardrail Post, Culv	8070070	45.000	Ea
0970	Guardrail Reflector	8070080	136.000	Ea
0980	Post, Mailbox	8070095	160.000	Ea
0990	_ Guardrail Long Span, Detail MGS-2	8077050	7.000	Ea
1000	Delineator Reflector, Green	8100133	44.000	Ea
1010	Delineator, Rem	8100349	52.000	Ea
1020	Post, Rigid, Delineator	8100361	44.000	Ea
1030	Post, Steel, 3 lb	8100371	602.000	Ft
1040	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
1050	Sign, Type II, Erect, Salv	8100396	1.000	Ea
1060	Sign, Type II, Rem	8100397	1.000	Ea
1070	Sign, Type IIA	8100398	32.000	Sft
1080	Sign, Type III, Erect, Salv	8100402	12.000	Ea
1090	Sign, Type III, Rem	8100403	36.000	Ea
1100	Sign, Type IIIA	8100404	133.000	Sft
1110	Sign, Type IIIB	8100405	18.000	Sft
1120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
1130	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea

1140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	752.000	Ft
1150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	26,039.000	Ft
1160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	163,704.000	Ft
1170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	752.000	Ft
1180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	26,039.000	Ft
1190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	163,704.000	Ft
1200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
1210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
1220	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
1230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	934.000	Ea
1240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	934.000	Ea
1250	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
1260	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
1270	Minor Traf Devices	8120170	1.000	LSUM
1280	Mobile Attenuator	8120180	4.000	Ea
1290	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	9,000.000	Ft
1300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	110,000.000	Ft
1310	Plastic Drum, Fluorescent, Furn	8120252	180.000	Ea
1320	Plastic Drum, Fluorescent, Oper	8120253	180.000	Ea
1330	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	156.000	Ft
1340	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,000.000	Ea
1350	Sign Cover	8120310	80.000	Ea
1360	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1370	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1380	Sign, Type B, Temp, Prismatic, Furn	8120350	4,014.000	Sft
1390	Sign, Type B, Temp, Prismatic, Oper	8120351	4,014.000	Sft
1400	Traf Regulator Control	8120370	1.000	LSUM
1410	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Railroad Sym	8127050	2.000	Ea
1420	Site Preparation, Max \$1,100.00	8150001	1.000	LSUM
1430	Watering and Cultivating, First Season, Min \$500.00	8150002	1.000	LSUM
1440	Watering and Cultivating, Second Season, Min \$600.00	8150003	1.000	LSUM
1450	Picea abies, 4 foot	8152740	10.000	Ea
1460	Picea glauca, 4 foot	8152757	10.000	Ea
1470	Slope Restoration, Type B	8160101	253,326.000	Syd
1480	Slope Restoration, Type C	8160102	3,000.000	Syd
1490	Monument Box	8210001	26.000	Ea
1500	Monument Preservation	8210010	32.000	Ea
1510	Protect Corners	8210020	50.000	Ea
1520	Shoulder Corrugations, Ground or Cut, HMA	8220001	5,540.000	Ft
1530	Centerline Corrugations, Milled, HMA	8220013	79,042.000	Ft

1540	_ Railroad Protection, at Grade Crossing	8507060	9,000.000	Dir
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Schedule of Pay Items

Report v1

Letting Call: 190201 013

Letting Date: February 1, 2019

Contract ID: 06111-201303

Description: 13.12 mi of hot mix asphalt cold milling and overlay on I-75 northbound from Lincoln Road north to the Arenac/Ogemaw county line, Arenac County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201303A	1900218	N/A	IM 06111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$385,800.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	1,700.000	Syd
0030	_ Shoulder, CI II - Modified	3027031	3,000.000	Ton
0040	Cold Milling HMA Surface	5010002	369,700.000	Syd
0050	Bump Grinding	5010004	1,000.000	Syd
0060	HMA Quality Initiative	5010007	61,410.000	Dlr
0070	Pavt for Butt Joints, Rem	5010008	1,000.000	Syd
0080	Longitudinal Joint Density Quality Initiative	5010018	207,000.000	Dlr
0090	Pavt Joint and Crack Repr, Det 7	5010020	500.000	Ft
0100	Pavt Joint and Crack Repr, Det 8	5010021	1,500.000	Ft
0110	Hand Patching	5010025	175.000	Ton
0120	HMA, 5E10	5010058	30,405.000	Ton
0130	HMA Approach	5010061	125.000	Ton
0140	Joint, Contraction, Cp	6020200	1,200.000	Ft
0150	Cement	6030005	3.000	Ton
0160	Crack Sealing, Conc Pavt	6030010	1,000.000	Ft
0170	Joint, Contraction, Crg	6030020	250.000	Ft
0180	Lane Tie, Epoxy Anchored	6030030	30.000	Ea
0190	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,760.000	Syd
0200	Pavt Repr, Rem	6030080	60.000	Syd
0210	Saw Cut, Intermediate	6030090	1,000.000	Ft
0220	Resealing Trans Joints with Hot-Poured Rubber	6030100	800.000	Ft
0230	Resealing Longit Joints with Hot-Poured Rubber	6030101	500.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	16.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, White	8110380	17,550.000	Ft
0290	Recessing Pavt Mrkg, Longit	8110450	162,950.000	Ft
0300	Recessing Pavt Mrkg, Transv	8110451	250.000	Sft
0310	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	70,000.000	Ft
0320	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	3,200.000	Ft
0330	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	70,000.000	Ft
0340	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0350	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	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	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	75,000.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	75,000.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,000.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0450	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0470	Sign Cover	8120310	25.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0540	Monument Box	8210001	5.000	Ea
0550	Monument Preservation	8210010	5.000	Ea
0560	Protect Corners	8210020	5.000	Ea
0570	Shoulder Corrugations, Ground or Cut, HMA	8220001	138,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 014

Letting Date: February 1, 2019

Contract ID: 13016-125818

Description: Bridge reconstruction with 60 inch prestressed concrete bulb-tee beams, steel diaphragms, cofferdams, concrete bridge approach, curb and gutter, hot mix asphalt reconstruction, culverts, sewer, drainage, signage, guardrail and pavement markings on M-311 over the Kalamazoo River, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125818A	1900190	N/A	ST 13016

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$295,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.510	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	27.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0050	Fence, Rem	2040025	213.000	Ft
0060	Guardrail, Rem	2040035	1,228.000	Ft
0070	Pavt, Rem	2040050	2,634.000	Syd
0080	Backfill, Swamp	2050001	607.000	Cyd
0090	Embankment, CIP	2050010	2,496.000	Cyd
0100	Excavation, Earth	2050016	3,444.000	Cyd
0110	Excavation, Peat	2050017	607.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	16.000	Ft
0140	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0180	Erosion Control, Silt Fence	2080036	1,532.000	Ft
0190	Subbase, CIP	3010002	1,770.000	Cyd
0200	Aggregate Base	3020001	338.000	Ton
0210	Aggregate Base, 3 inch	3020008	1,065.000	Syd
0220	Aggregate Base, 6 inch	3020016	4,056.000	Syd
0230	Aggregate Base, 8 inch	3020020	86.000	Syd
0240	Maintenance Gravel, LM	3060021	50.000	Cyd
0250	Shoulder, CI II, 4 inch	3070126	738.000	Syd
0260	Geotextile, Stabilization	3080010	1,000.000	Syd
0270	Culv End Sect, 12 inch	4010012	1.000	Ea

0280	Culv End Sect, 18 inch	4010018	2.000	Ea
0290	Dr Marker Post	4011109	2.000	Ea
0300	Outfall Label	4011115	1.000	Ea
0310	Sewer, Cl A, 18 inch, Tr Det B	4020035	230.000	Ft
0320	Sewer, Cl E, 12 inch, Tr Det B	4020600	104.000	Ft
0330	Dr Structure Cover, Type C	4030015	2.000	Ea
0340	Dr Structure Cover, Type G	4030040	3.000	Ea
0350	Dr Structure, 48 inch dia	4030210	5.000	Ea
0360	Underdrain, Subbase, 6 inch	4040063	940.000	Ft
0370	Underdrain Outlet, 6 inch	4040093	6.000	Ft
0380	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0390	HMA Surface, Rem	5010005	2,634.000	Syd
0400	HMA Quality Initiative	5010007	2,546.000	Dlr
0410	Longitudinal Joint Density Quality Initiative	5010018	26,270.000	Dlr
0420	Hand Patching	5010025	20.000	Ton
0430	HMA Approach	5010061	1,275.000	Ton
0440	Conc Pavt, Curing Horizontal Surfaces	6020159	178.000	Syd
0450	Joint, Expansion, E3	6020208	80.000	Ft
0460	Conc Quality Initiative	6020401	60.000	Dlr
0470	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	178.000	Syd
0480	Curb and Gutter, Bridge Approach	8020010	136.000	Ft
0490	Curb and Gutter, Conc, Det D2	8020031	118.000	Ft
0500	Guardrail, Type B	8070000	38.000	Ft
0510	Guardrail, Type MGS-8	8070004	795.000	Ft
0520	Guardrail, Curved, Type B	8070010	76.000	Ft
0530	Guardrail Anch, Bridge, Det T1	8070022	3.000	Ea
0540	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0550	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0560	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0570	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0580	Guardrail Reflector	8070080	46.000	Ea
0590	Post, Mailbox	8070095	2.000	Ea
0600	Delineator Reflector, Green	8100133	6.000	Ea
0610	Post, Rigid, Delineator	8100361	6.000	Ea
0620	Post, Steel, 3 lb	8100371	250.000	Ft
0630	Sign, Type III, Rem	8100403	13.000	Ea
0640	Sign, Type IIIA	8100404	15.000	Sft
0650	Sign, Type IIIB	8100405	24.000	Sft
0660	Sign, Type VB	8100425	20.000	Sft
0670	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0680	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,073.000	Ft
0690	Pavt Mrkg, Waterborne, 6 inch, White	8110233	917.000	Ft
0700	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,073.000	Ft
0710	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	917.000	Ft
0720	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	269.000	Ft

0730	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	430.000	Ft
0740	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0750	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0760	Ltg for Night Work	8120160	1.000	LSUM
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0790	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0800	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0810	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	1,123.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	1,123.000	Sft
0840	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	523.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	523.000	Sft
0860	Riprap, Plain	8130010	12.000	Syd
0870	Ditch, Plain Cobble	8140005	144.000	Syd
0880	Site Preparation, Max \$1,605.00	8150001	1.000	LSUM
0890	Watering and Cultivating, First Season, Min \$909.50	8150002	1.000	LSUM
0900	Watering and Cultivating, Second Season, Min \$1,123.50	8150003	1.000	LSUM
0910	Acer rubrum, 1 3/4 inch	8150148	4.000	Ea
0920	Acer saccharinum, 1 1/2 inch	8150163	3.000	Ea
0930	Pinus strobus, 5 foot	8152870	8.000	Ea
0940	Fertilizer, Chemical Nutrient, CI A	8160020	195.000	Lb
0950	Mulch Anchoring	8160026	335.000	Syd
0960	Mulch Blanket	8160027	659.000	Syd
0970	Mulch Blanket, High Velocity	8160028	3,445.000	Syd
0980	Seeding, Mixture THM	8160039	188.000	Lb
0990	Topsoil Surface, Furn, 4 inch	8160062	4,104.000	Syd
1000	Contractor Staking	8240001	1.000	LSUM
1010	Staking Plan Errors and Extras, One Person	8240020	25.000	Hr
1020	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
1030	Staking Plan Errors and Extras, Three Person	8240022	15.000	Hr

Section: 2

1040	Structures, Rem (B02 of 13016)	2040060	1.000	LSUM
1050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5,706.000	Cyd
1060	Backfill, Structure, CIP	2060002	2,995.000	Cyd
1070	_ Excavation, Rock Fdn, Special	2067021	449.000	Cyd
1080	Erosion Control, Filter Bag	2080014	6.000	Ea
1090	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
1100	Erosion Control, Sand Bag	2080028	4,704.000	Ea
1110	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	991.000	Syd

1120	Erosion Control, Turbidity Curtain, Deep	2080042	180.000	Ft
1130	_ Dewatering System	4017050	2.000	Ea
1140	Underdrain, Fdn, 4 inch	4040031	341.000	Ft
1150	Underdrain Outlet, 4 inch	4040091	40.000	Ft
1160	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1170	Cofferdams (B02 of 13016)	7040007	1.000	LSUM
1180	_ Cofferdam on Rock, Left in Place (B02 of 13016)	7047051	1.000	LSUM
1190	Bridge Ltg, Furn and Rem (B02 of 13016)	7060001	1.000	LSUM
1200	Bridge Ltg, Oper and Maintain	7060002	277.000	Cyd
1210	Conc, Grade T	7060013	862.000	Cyd
1220	Expansion Joint Device	7060050	40.000	Ft
1230	False Decking	7060060	5,408.000	Sft
1240	Reinforcement, Steel, Epoxy Coated	7060092	79,159.000	Lb
1250	Substructure Conc, High Performance	7060101	406.000	Cyd
1260	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 13016)	7060112	1.000	LSUM
1270	Superstructure Conc, Night Casting, High Performance	7060117	277.000	Cyd
1280	Bearing, Elastomeric, 2 3/4 inch	7070019	5,280.000	Sin
1290	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,908.000	Lb
1300	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,908.000	Lb
1310	Prest Conc Bulb-Tee Beam, Furn, 60 inch by 49 inch	7080130	884.000	Ft
1320	Prest Conc Bulb-Tee Beam, Erect, 60 inch by 49 inch	7080131	884.000	Ft
1330	Joint Waterproofing	7100001	560.000	Sft
1340	_ Silane Treatment	7107010	6,363.000	Sft
1350	Reflective Marker, Permanent Barrier	7110003	8.000	Ea
1360	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	403.000	Ft
1370	_ Riprap, Special, Class II	8137031	1,378.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 190201 015

Letting Date: February 1, 2019

Contract ID: 61012-118165

Description: 1.12 mi of hot mix asphalt rubblize and overlay, concrete pavement, driveway, sidewalk, curb and gutter, aggregate base, drainage and pavement markings on M-120 from Mid-Michigan Railroad to east of Getty Street, Muskegon County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
118165A	1900186	N/A	NH 61012
123326A	1900188	N/A	CM 61012
123328A	1900189	N/A	HSIP 61012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$278,800.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	68.000	Ft
0050	_ Monitoring Well, Adjust	2037050	10.000	Ea
0060	Curb and Gutter, Rem	2040020	3,191.000	Ft
0070	Guardrail, Rem	2040035	465.000	Ft
0080	Pavt, Rem	2040050	508.000	Syd
0090	Sidewalk, Rem	2040055	8.000	Syd
0100	Exploratory Investigation, Vertical	2040080	200.000	Ft
0110	Excavation, Earth	2050016	6,888.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,000.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0140	_ Embankment, CIP, Special	2057021	535.000	Cyd
0150	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	101.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0180	Erosion Control, Silt Fence	2080036	500.000	Ft
0190	Aggregate Base, 6 inch	3020016	53.000	Syd
0200	Aggregate Base, 8 inch	3020020	21,896.000	Syd
0210	Aggregate Base, 12 inch	3020030	175.000	Syd
0220	Pavt, Rubblize	3040001	9,650.000	Syd
0230	Aggregate, Filler	3040010	125.000	Ton
0240	Maintenance Gravel	3060020	200.000	Ton

0250	Sewer, CI A, 12 inch, Tr Det B	4020033	570.000	Ft
0260	Sewer, CI A, 15 inch, Tr Det B	4020034	368.000	Ft
0270	_ Sewer, CI A, 15 inch, Tr Det B, Modified	4027001	9,252.000	Ft
0280	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0290	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0300	Dr Structure Cover, Type B	4030010	38.000	Ea
0310	Dr Structure Cover, Type D	4030025	1.000	Ea
0320	Dr Structure Cover, Type K	4030050	59.000	Ea
0330	Dr Structure, 24 inch dia	4030200	53.000	Ea
0340	Dr Structure, 48 inch dia	4030210	44.000	Ea
0350	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0360	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
0370	Underdrain, Subbase, 6 inch	4040063	9,627.000	Ft
0380	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0390	Underdrain Outlet, 6 inch	4040093	365.000	Ft
0400	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0410	Cold Milling HMA Surface	5010002	3,825.000	Syd
0420	Bump Grinding	5010004	275.000	Syd
0430	HMA Surface, Rem	5010005	29,742.000	Syd
0440	HMA Quality Initiative	5010007	18,486.000	Dlr
0450	Longitudinal Joint Density Quality Initiative	5010018	15,290.000	Dlr
0460	HMA, 4E3	5010051	2,598.000	Ton
0470	HMA Approach	5010061	1,170.000	Ton
0480	HMA, 4E3, High Stress	5010509	3,049.000	Ton
0490	HMA, 5E3, High Stress	5010515	2,426.000	Ton
0500	_ Ride Incentive	5017060	11,510.000	Dlr
0510	Joint, Expansion, E3	6020208	55.000	Ft
0520	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	175.000	Syd
0530	Joint Waterproofing	7100001	84.000	Sft
0540	_ Utility Work, Consumers Energy, Max \$18,000.00	8007051	1.000	LSUM
0550	Driveway, Nonreinf Conc, 8 inch	8010007	943.000	Syd
0560	Curb and Gutter, Bridge Approach	8020010	17.000	Ft
0570	Curb and Gutter, Conc, Det B1	8020015	472.000	Ft
0580	Curb and Gutter, Conc, Det B2	8020016	2,343.000	Ft
0590	Curb and Gutter, Conc, Det D2	8020031	429.000	Ft
0600	Curb and Gutter, Conc, Det F4	8020038	7,825.000	Ft
0610	Driveway Opening, Conc, Det M	8020050	2,291.000	Ft
0620	Sidewalk, Conc, 4 inch	8030044	483.000	Sft
0630	Guardrail, Type MGS-8	8070004	301.000	Ft
0640	Guardrail Anch, Bridge, Det T4	8070025	2.000	Ea
0650	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0660	Guardrail Reflector	8070080	7.000	Ea
0670	Post, Mailbox	8070095	42.000	Ea
0680	Post, Steel, 3 lb	8100371	368.000	Ft
0690	Post, Wood, 4 inch by 6 inch	8100380	308.000	Ft

0700	Sign, Type II, Erect, Salv	8100396	7.000	Ea
0710	Sign, Type II, Rem	8100397	8.000	Ea
0720	Sign, Type III, Erect, Salv	8100402	21.000	Ea
0730	Sign, Type III, Rem	8100403	23.000	Ea
0740	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0750	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0760	Pavt Mrkg, Polyurea, 4 inch, White	8110091	874.000	Ft
0770	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	13,453.000	Ft
0780	Pavt Mrkg, Polyurea, 6 inch, White	8110094	10,782.000	Ft
0790	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	68.000	Ft
0800	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0810	Recessing Pavt Mrkg, Longit	8110450	25,109.000	Ft
0820	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0830	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0840	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	158.000	Ea
0850	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	158.000	Ea
0860	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0870	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0880	Ltg for Night Work	8120160	1.000	LSUM
0890	Minor Traf Devices	8120170	1.000	LSUM
0900	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	600.000	Ft
0910	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	12,800.000	Ft
0920	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,800.000	Ft
0930	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0940	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0950	Sign, Type A, Temp, Prismatic, Furn	8120340	81.000	Sft
0960	Sign, Type A, Temp, Prismatic, Oper	8120341	81.000	Sft
0970	Sign, Type B, Temp, Prismatic, Furn	8120350	919.000	Sft
0980	Sign, Type B, Temp, Prismatic, Oper	8120351	919.000	Sft
0990	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	27.000	Sft
1000	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	27.000	Sft
1010	Traf Regulator Control	8120370	1.000	LSUM
1020	Sodding	8160055	1,600.000	Syd
1030	Water, Sodding/Seeding	8160090	10.000	Unit
1040	Slope Restoration, Type A	8160100	1,050.000	Syd
1050	Slope Restoration, Type B	8160101	7,750.000	Syd
1060	Gate Box, Adj, Case 1	8230431	1.000	Ea
1070	Gate Box, Adj, Case 2	8230432	2.000	Ea
1080	Contractor Staking	8240001	1.000	LSUM
1090	Staking Plan Errors and Extras, One Person	8240020	23.000	Hr
1100	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr

1110	Staking Plan Errors and Extras, Three Person	8240022	14.000	Hr
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12/28/2018 9:58 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 016**Letting Date:** February 1, 2019**Contract ID:** 75021-128718**Description:** 4.25 mi of hot mix asphalt cold milling and resurfacing, guardrail and pavement markings on US-2 from east of M-149 easterly to east of the Manistique city limits in the city of Manistique, Schoolcraft County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
128718A	1900192	N/A	NH 75021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$241,000.00	1500001	1.000	LSUM
0020	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0030	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0040	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0050	Erosion Control, Silt Fence	2080036	500.000	Ft
0060	Approach, CI II	3070021	710.000	Ton
0070	Shoulder, CI II	3070121	4,575.000	Ton
0080	Cold Milling HMA Surface	5010002	90,977.000	Syd
0090	Bump Grinding	5010004	100.000	Syd
0100	HMA Surface, Rem	5010005	195.000	Syd
0110	HMA Quality Initiative	5010007	44,638.000	Dlr
0120	Edge Trimming	5010009	40,904.000	Ft
0130	Longitudinal Joint Density Quality Initiative	5010018	134,466.000	Dlr
0140	HMA, 4E3	5010051	6,688.000	Ton
0150	HMA, 5E3	5010057	6,662.000	Ton
0160	HMA Approach	5010061	1,810.000	Ton
0170	HMA, LVSP	5010703	7,159.000	Ton
0180	_ Ride Incentive	5017060	29,882.000	Dlr
0190	Guardrail Reflector	8070080	20.000	Ea
0200	Guardrail Height, Adj	8070100	601.000	Ft
0210	Guardrail Post, Furn and Install, 96 inch	8070103	10.000	Ea
0220	Guardrail, Reconst, Type B	8070105	338.000	Ft
0230	_ Delineator, Rem, Salv, and Reinstall	8107050	100.000	Ea
0240	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	40.000	Ft
0250	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	5.000	Ea
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,040.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,960.000	Ft

0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	44,822.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,040.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,960.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	44,822.000	Ft
0320	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,850.000	Ft
0330	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0340	Recessing Pavt Mrkg, Longit	8110450	44,822.000	Ft
0350	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,900.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,900.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,900.000	Ft
0410	Plastic Drum, Fluorescent, Furn	8120252	225.000	Ea
0420	Plastic Drum, Fluorescent, Oper	8120253	225.000	Ea
0430	Sign Cover	8120310	10.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Slope Restoration, Type B	8160101	15,000.000	Syd
0480	Monument Box Adjust	8210005	8.000	Ea
0490	Protect Corners	8210020	8.000	Ea
0500	Centerline Corrugations, Milled, HMA	8220013	22,411.000	Ft
0510	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	44,822.000	Ft
0520	Contractor Staking, Road Only	8240007	1.000	LSUM
0530	Staking Plan Errors and Extras, One Person	8240020	19.000	Hr
0540	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0550	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190201 017

Letting Date: February 1, 2019

Contract ID: 10042-200973

Description: 7.99 mi of chip seal with hot mix asphalt overlay, pavement and shoulder repairs and delineation on M-115 from the Manistee/Benzie county line north to US-31, Benzie County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200973A	1900214	N/A	ST 10042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$176,900.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	2,652.000	Ton
0030	Trenching	3070200	3.000	Sta
0040	Cold Milling HMA Surface	5010002	23,223.000	Syd
0050	HMA Quality Initiative	5010007	30,137.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	84,378.000	Dlr
0070	HMA Approach	5010061	832.000	Ton
0080	HMA, LVSP	5010703	14,237.000	Ton
0090	Seal, Single Chip	5050001	163,866.000	Syd
0100	Delineator Reflector, Green	8100133	54.000	Ea
0110	Delineator Reflector, White	8100134	400.000	Ea
0120	Delineator, Rem	8100349	150.000	Ea
0130	Post, Rigid, Delineator	8100361	254.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0160	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	350.000	Ft
0170	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	24,200.000	Ft
0180	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	83,000.000	Ft
0190	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	350.000	Ft
0200	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	24,200.000	Ft
0210	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	83,000.000	Ft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Recessing Pavt Mrkg, Longit	8110450	83,000.000	Ft
0240	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	12,500.000	Ft
0250	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	83,000.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	350.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,050.000	Ft
0310	Plastic Drum, Fluorescent, Furn	8120252	9.000	Ea
0320	Plastic Drum, Fluorescent, Oper	8120253	9.000	Ea
0330	Sign Cover	8120310	8.000	Ea
0340	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0350	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	771.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	771.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	15.000	Sft
0390	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	15.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Centerline Corrugations, Milled, HMA	8220013	42,000.000	Ft
0420	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	26,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 018

Letting Date: February 1, 2019

Contract ID: 41027-45790

Description: 2.67 mi of pavement reconstruction, bridge replacement, drainage, traffic signal installation, signing and pavement markings on I-196 from Fuller Avenue to I-96 and on I-96 eastbound from Leonard Street to East Beltline Avenue in the city of Grand Rapids and Grand Rapids Township, Kent County. This project is an alternate bid project. Alternate 1 is a hot mix asphalt reconstruction and includes a 5 year materials and workmanship pavement warranty. Alternate 2 is a concrete pavement section and includes a 5 year materials and workmanship pavement warranty. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
118558A	1900187	N/A	IM 41027
127354A	1801161	N/A	CM 41027
45790A	1900184	N/A	NH 41027

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	56,000.000	Dlr
0060	Critical Path Method Schedule	1080005	15,000.000	Dlr
0070	Mobilization, Max \$3,119,000.00	1500001	1.000	LSUM
0080	Clearing	2010001	9.990	Acre
0090	Clearing, Fence	2010002	10.000	Sta
0100	Tree, Rem, 6 inch to 18 inch	2020004	45.000	Ea
0110	Culv, Rem, Less than 24 inch	2030001	12.000	Ea
0120	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0130	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0140	Culv, End, Rem, 24 inch to 48 inch	2030006	4.000	Ea
0150	Dr Structure, Rem	2030011	25.000	Ea
0160	Sewer, Rem, Less than 24 inch	2030015	1,823.000	Ft
0170	Sewer, Rem, 24 inch to 48 inch	2030016	1,006.000	Ft
0180	Sewer, Rem, Over 48 inch	2030017	45.000	Ft
0190	Concrete Barrier, Rem	2040010	1,477.000	Ft
0200	Curb and Gutter, Rem	2040020	917.000	Ft
0210	Fence, Rem	2040025	250.000	Ft
0220	Guardrail, Rem	2040035	491.000	Ft

0230	Masonry and Conc Structure, Rem	2040045	15.000	Cyd
0240	Pavt, Rem	2040050	97,401.000	Syd
0250	Sidewalk, Rem	2040055	317.000	Syd
0260	Exploratory Investigation, Vertical	2040080	200.000	Ft
0270	Backfill, Swamp	2050001	17,135.000	Cyd
0280	Embankment, CIP	2050010	1,141.000	Cyd
0290	Excavation, Earth	2050016	1,220.000	Cyd
0300	Excavation, Peat	2050017	19,537.000	Cyd
0310	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0320	Subgrade Undercutting, Type II	2050041	5,000.000	Cyd
0330	_ Phragmites Plant Material Handling and Disposal, LM	2057021	32.000	Cyd
0340	Aggregate, 6A	2060001	129.000	Cyd
0350	_ Fill, Lightweight, EPS Block	2067021	1,215.000	Cyd
0360	Erosion Control, Check Dam, Stone	2080012	1,679.000	Ft
0370	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0380	Erosion Control, Inlet Protection, Fabric Drop	2080020	157.000	Ea
0390	Erosion Control, Inlet Protection, Sediment Trap	2080024	21.000	Ea
0400	Erosion Control, Maintenance, Sediment Removal	2080026	255.000	Cyd
0410	Erosion Control, Sediment Basin	2080032	120.000	Cyd
0420	Erosion Control, Sediment Trap	2080034	129.000	Ea
0430	Erosion Control, Silt Fence	2080036	8,625.000	Ft
0440	Project Cleanup	2090001	1.000	LSUM
0450	Subbase, CIP	3010002	3,966.000	Cyd
0460	Aggregate Base, 6 inch	3020016	9,780.000	Syd
0470	Aggregate Base, Conditioning	3020050	9,572.000	Syd
0480	Open-Graded Dr Cse, CIP	3030030	851.000	Cyd
0490	Shoulder, CI II	3070121	100.000	Ton
0500	_ Shoulder, CI II, 6 inch, Modified	3077011	11,829.000	Syd
0510	Geotextile, Separator	3080005	2,120.000	Syd
0520	Culv End Sect, 12 inch	4010012	22.000	Ea
0530	Culv End Sect, 15 inch	4010015	1.000	Ea
0540	Culv End Sect, 18 inch	4010018	7.000	Ea
0550	Culv End Sect, 24 inch	4010024	3.000	Ea
0560	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0570	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0580	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0590	Culv End Sect, Conc, 48 inch	4010055	5.000	Ea
0600	Culv, CI A, 12 inch	4010131	400.000	Ft
0610	Culv, CI A, 24 inch	4010134	122.000	Ft
0620	Culv, CI A, 48 inch	4010138	477.000	Ft
0630	Culv, CI A, Conc, 48 inch	4010172	221.000	Ft
0640	Culv, CI B, Conc, 72 inch	4010278	439.000	Ft
0650	Culv, CI D, Conc, 48 inch	4010478	193.000	Ft

0660	Culv, CI D, Conc, 72 inch	4010482	173.000	Ft
0670	Culv, CI E, 18 inch	4010541	252.000	Ft
0680	Culv, CI IV, 72 inch, Jacked in Place	4010715	349.000	Ft
0690	Culv, Downspout, 12 inch	4010795	514.000	Ft
0700	Culv, Downspout, 15 inch	4010796	93.000	Ft
0710	Dr Marker Post	4011109	171.000	Ea
0720	Outfall Label	4011115	2.000	Ea
0730	Steel Casing Pipe, 24 inch, Jacked in Place	4011134	138.000	Ft
0740	Sewer, CI A, 12 inch, Tr Det B	4020033	6,237.000	Ft
0750	Sewer, CI A, 15 inch, Tr Det B	4020034	2,292.000	Ft
0760	Sewer, CI A, 18 inch, Tr Det B	4020035	517.000	Ft
0770	Sewer, CI A, 24 inch, Tr Det B	4020036	345.000	Ft
0780	Sewer, CI A, 30 inch, Tr Det B	4020037	5.000	Ft
0790	Sewer, CI E, 12 inch, Tr Det B	4020600	13.000	Ft
0800	Sewer, CI E, 18 inch, Tr Det B	4020602	176.000	Ft
0810	Sewer, CI E, 42 inch, Tr Det B	4020606	280.000	Ft
0820	Sewer Tap, 12 inch	4021204	1.000	Ea
0830	Sewer Tap, 15 inch	4021205	1.000	Ea
0840	Sewer Tap, 18 inch	4021206	3.000	Ea
0850	Sewer Tap, 24 inch	4021207	1.000	Ea
0860	Sewer Tap, 42 inch	4021210	2.000	Ea
0870	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0880	Sewer Bulkhead, 24 inch	4021234	2.000	Ea
0890	Trench Undercut and Backfill	4021260	150.000	Cyd
0900	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0910	Dr Structure Cover, Adj, Case 2	4030006	14.000	Ea
0920	Dr Structure Cover, Type B	4030010	7.000	Ea
0930	Dr Structure Cover, Type C	4030015	9.000	Ea
0940	Dr Structure Cover, Type D	4030025	3.000	Ea
0950	Dr Structure Cover, Type DX	4030030	5.000	Ea
0960	Dr Structure Cover, Type E	4030035	1.000	Ea
0970	Dr Structure Cover, Type G	4030040	3.000	Ea
0980	Dr Structure Cover, Type VG	4030090	109.000	Ea
0990	Dr Structure, 24 inch dia	4030200	1.000	Ea
1000	Dr Structure, 48 inch dia	4030210	127.000	Ea
1010	Dr Structure, 72 inch dia	4030230	3.000	Ea
1020	Dr Structure, 96 inch dia	4030234	3.000	Ea
1030	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	7.000	Ft
1040	Dr Structure, Add Depth of 96 inch dia, more than 15 foot	4030236	2.000	Ft
1050	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	90.000	Ft
1060	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	2.000	Ft
1070	Dr Structure, Tap, 6 inch	4030306	10.000	Ea

1080	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
1090	Dr Structure, Temp Lowering	4030390	9.000	Ea
1100	Underdrain, Bank, 6 inch	4040003	150.000	Ft
1110	Underdrain, Fdn, 4 inch	4040031	2,165.000	Ft
1120	Underdrain, Fdn, 6 inch	4040033	3,290.000	Ft
1130	Underdrain, Subbase, 6 inch	4040063	90,747.000	Ft
1140	Underdrain, Subgrade, 6 inch	4040073	1,500.000	Ft
1150	Underdrain Outlet, 6 inch	4040093	5,470.000	Ft
1160	Underdrain, Outlet Ending, 6 inch	4040113	171.000	Ea
1170	_ Underdrain Outlet, 6 inch, Modified	4047001	300.000	Ft
1180	_ Bypass Pumping	4067051	1.000	LSUM
1190	Cold Milling HMA Surface	5010002	2,713.000	Syd
1200	Bump Grinding	5010004	6,500.000	Syd
1210	HMA Surface, Rem	5010005	85,061.000	Syd
1220	HMA Quality Initiative	5010007	2,088.000	Dlr
1230	Hand Patching	5010025	475.000	Ton
1240	HMA, 3E3	5010045	266.000	Ton
1250	HMA, 4E3	5010051	303.000	Ton
1260	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	1,615.000	Ft
1270	_ HMA, Temp Pavt (4E1)	5017031	2,232.000	Ton
1280	_ Ride Incentive	5017060	58,205.000	Dlr
1290	Joint, Expansion, E3	6020208	428.000	Ft
1300	Conc Quality Initiative	6020401	430.000	Dlr
1310	Lane Tie, Epoxy Anchored	6030030	39.000	Ea
1320	Steel Sheet Piling, Temp, Left in Place	7040003	3,060.000	Sft
1330	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	1,290.000	Syd
1340	Conc, Grade S2	7060011	149.000	Cyd
1350	Reinforcement, Steel, Culv and Headwall	7060091	14,556.000	Lb
1360	Liner, PVC, 30 mil	7060209	4,035.000	Syd
1370	_ Conc, Grade DM	7067021	159.000	Cyd
1380	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	36.000	Ea
1390	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	4.000	Ea
1400	Filler Wall Conc	7120087	10.000	Cyd
1410	_ Conduit, Clean and Test	8007001	3,290.000	Ft
1420	_ Pedestrian Path, Temp	8007001	300.000	Ft
1430	_ Sanitary Sewer, Corrugated Smooth Lined PVC, 18 inch, Tr Det B	8007001	283.000	Ft
1440	_ Antenna Support, Install on Dynamic Message Sign	8007050	1.000	Ea
1450	_ Hh, Clean	8007050	27.000	Ea
1460	_ Managed Field Ethernet Switch, Layer 2, Modified	8007050	6.000	Ea
1470	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
1480	_ Rack-Mtd Step-Down Transformer, 5kVA	8007050	1.000	Ea
1490	_ Rack-Mtd Step-Up Transformer, 5kVA	8007050	1.000	Ea
1500	_ Sanitary Structure, 48 inch dia	8007050	2.000	Ea
1510	_ Integration, Advanced Traf Management System	8007051	1.000	LSUM

	Software			
1520	Driveway, Nonreinf Conc, 9 inch	8010008	6.000	Syd
1530	Curb and Gutter, Bridge Approach	8020010	408.000	Ft
1540	Curb and Gutter, Conc, Det F4	8020038	560.000	Ft
1550	Driveway Opening, Conc, Det M	8020050	20.000	Ft
1560	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
1570	Valley Gutter, Conc	8020060	26,642.000	Ft
1580	Downspout Header, Conc	8020070	15.000	Ea
1590	Spillway, Conc	8020075	66.000	Ft
1600	Detectable Warning Surface	8030010	10.000	Ft
1610	Curb Ramp Opening, Conc	8030030	10.000	Ft
1620	Sidewalk Ramp, Conc, 6 inch	8030036	245.000	Sft
1630	Sidewalk, Conc, 4 inch	8030044	1,758.000	Sft
1640	Sidewalk, Conc, 6 inch	8030046	4,662.000	Sft
1650	Conc Barrier, Single Face, Type A	8040001	2,481.000	Ft
1660	Conc Barrier, Single Face, Type C	8040003	351.000	Ft
1670	Conc Barrier, Double Face, Type A	8040005	1,320.000	Ft
1680	Glare Screen, Conc	8040015	10,105.000	Ft
1690	Glare Screen, Conc, Split	8040016	882.000	Ft
1700	Conc Barrier Backfill, CIP	8040030	511.000	Cyd
1710	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Foot	8047001	9,491.000	Ft
1720	_ Conc Barrier, Double Face, Type A, Modified, 2-5 Foot	8047001	100.000	Ft
1730	_ Conc Barrier, Split, Type A, Modified	8047001	882.000	Ft
1740	_ Barrier Gate, Temp, Furn	8047050	1.000	Ea
1750	_ Barrier Gate, Temp, Open/Close	8047050	10.000	Ea
1760	_ Barrier Gate, Temp, Oper	8047050	1.000	Ea
1770	_ Barrier Gate, Temp, Relocated	8047050	1.000	Ea
1780	Guardrail, Type MGS-8	8070004	7,507.000	Ft
1790	Guardrail Anch, Bridge, Det T1	8070022	7.000	Ea
1800	Guardrail Anch, Bridge, Det T4	8070025	7.000	Ea
1810	Guardrail Approach Terminal, Type 2M	8070044	15.000	Ea
1820	Guardrail Departing Terminal, Type MGS	8070052	10.000	Ea
1830	Guardrail, Salv	8070075	10,680.000	Ft
1840	Guardrail Reflector	8070080	190.000	Ea
1850	Fence, Woven Wire with Wood Post	8080001	500.000	Ft
1860	Fence, Woven Wire with Steel Post	8080002	3,500.000	Ft
1870	Fence, Protective	8080007	200.000	Ft
1880	Fence, Chain Link, 48 inch	8080011	250.000	Ft
1890	Bridge Sign Connection, Conc, Type A1	8100031	9.000	Ea
1900	Bridge Sign Connection, Conc, Type D	8100034	1.000	Ea
1910	Bridge Sign Connection, Type A, Rem	8100080	9.000	Ea
1920	Bridge Sign Connection, Type C, Rem	8100082	1.000	Ea
1930	Bridge Sign Connection, Type D, Rem	8100083	1.000	Ea
1940	Cantilever, Rem	8100090	1.000	Ea

1950	Cantilever, Type E	8100104	4.000	Ea
1960	Column, Breakaway, W8 x 13	8100120	6.000	Ea
1970	Column, Breakaway, W8 x 18	8100121	2.000	Ea
1980	Delineator Reflector, Red	8100131	85.000	Ea
1990	Delineator Reflector, Yellow	8100132	42.000	Ea
2000	Delineator Reflector, Green	8100133	34.000	Ea
2010	Delineator Reflector, White	8100134	231.000	Ea
2020	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	10.000	Ea
2030	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	11.000	Ea
2040	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	26.000	Ea
2050	Fdn, Breakaway, W8 x 13	8100160	6.000	Ea
2060	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
2070	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	106.000	Ft
2080	Fdn, Cantilever, Rem	8100190	1.000	Ea
2090	Fdn, Column Breakaway, Rem	8100220	6.000	Ea
2100	Fdn, Entire, Truss, Rem	8100240	13.000	Cyd
2110	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	228.000	Ft
2120	Fdn, Truss, Rem	8100260	1.000	Ea
2130	Fdn, Wood Support, Rem	8100280	28.000	Ea
2140	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	26.000	Ea
2150	Perforated Steel Square Tube Breakaway System	8100330	12.000	Ea
2160	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	6.000	Ea
2170	Delineator, Rem	8100349	344.000	Ea
2180	Post, Flexible, Delineator	8100360	37.000	Ea
2190	Post, Rigid, Delineator	8100361	307.000	Ea
2200	Post, Steel, 3 lb	8100371	1,357.000	Ft
2210	Post, Wood, 4 inch by 6 inch	8100380	276.000	Ft
2220	Post, Wood, 6 inch by 8 inch	8100382	272.000	Ft
2230	Sign, Type I, Erect, Salv	8100390	10.000	Ea
2240	Sign, Type I, Rem	8100391	25.000	Ea
2250	Sign, Type IA	8100392	4,217.000	Sft
2260	Sign, Type IB	8100393	443.000	Sft
2270	Sign, Type II, Erect, Salv	8100396	1.000	Ea
2280	Sign, Type II, Rem	8100397	45.000	Ea
2290	Sign, Type IIA	8100398	274.000	Sft
2300	Sign, Type IIB	8100399	109.000	Sft
2310	Sign, Type III, Erect, Salv	8100402	21.000	Ea
2320	Sign, Type III, Rem	8100403	59.000	Ea
2330	Sign, Type IIIA	8100404	208.000	Sft
2340	Sign, Type IIIB	8100405	239.000	Sft
2350	Sign, Type IVA	8100410	81.000	Sft
2360	Transporting Salv MDOT Materials	8100420	1.000	LSUM

2370	Sign, Type V, Rem	8100421	3.000	Ea
2380	Sign, Type V, Erect, Salv	8100422	2.000	Ea
2390	Sign, Type VA	8100424	27.000	Sft
2400	Sign, Type VB	8100425	404.000	Sft
2410	Truss, Rem	8100440	1.000	Ea
2420	Truss, Type E, 80 foot	8100490	1.000	Ea
2430	Truss, Type E, 85 foot	8100491	1.000	Ea
2440	Truss, Type E, 105 foot	8100495	1.000	Ea
2450	Reflective Panel for Permanent Sign Support, 3 foot	8100613	29.000	Ea
2460	Reflective Panel for Permanent Sign Support, 6 foot	8100616	23.000	Ea
2470	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	1.000	Ea
2480	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
2490	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	1.000	Ea
2500	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	2.000	Ea
2510	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	120.000	Ft
2520	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	180.000	Ft
2530	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	16,385.000	Ft
2540	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,180.000	Ft
2550	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	33,110.000	Ft
2560	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	37,870.000	Ft
2570	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	5,010.000	Ft
2580	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	220.000	Ft
2590	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,560.000	Ft
2600	Rem Spec Mrkg	8110343	1,455.000	Sft
2610	Recessing Pavt Mrkg, Longit	8110450	108,265.000	Ft
2620	Recessing Pavt Mrkg, Transv	8110451	180.000	Sft
2630	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	16,510.000	Ft
2640	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	41,980.000	Ft
2650	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	8,295.000	Ft
2660	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	41,330.000	Ft
2670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
2680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
2690	Barricade, Type III, High Intensity, Lighted, Furn	8120022	36.000	Ea
2700	Barricade, Type III, High Intensity, Lighted, Oper	8120023	36.000	Ea
2710	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
2720	Pedestrian Type II Channelizer, Temp	8120027	300.000	Ft
2730	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	10.000	Ea
2740	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	8.000	Ea
2750	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	8.000	Ea
2760	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	7.000	Ea
2770	Conc Barrier Reflector Replacement	8120070	500.000	Ea
2780	Conc Barrier, Temp, Adj	8120080	13,350.000	Ft
2790	Conc Barrier, Temp, Furn	8120081	25,900.000	Ft

2800	Conc Barrier, Temp, Oper	8120082	25,900.000	Ft
2810	Conc Barrier, Temp, Relocated	8120083	14,080.000	Ft
2820	Delineator, Flexible, Temp, Furn	8120091	80.000	Ea
2830	Delineator, Flexible, Temp, Oper	8120092	80.000	Ea
2840	Glare Screen, Temp	8120094	11,060.000	Ft
2850	Glare Screen, Temp, Relocated	8120095	10,360.000	Ft
2860	Glare Screen, Temp, Complete Section, Replaced	8120096	100.000	Ea
2870	High Intensity Light, Type B, Furn	8120110	10.000	Ea
2880	High Intensity Light, Type B, Oper	8120111	10.000	Ea
2890	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
2900	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
2910	Ltg for Night Work	8120160	1.000	LSUM
2920	Minor Traf Devices	8120170	1.000	LSUM
2930	Mobile Attenuator	8120180	2.000	Ea
2940	Pavt Mrkg Cover, Type R, Black	8120200	1,500.000	Ft
2950	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	204,240.000	Ft
2960	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,600.000	Ft
2970	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	21,384.000	Ft
2980	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	1,200.000	Ft
2990	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	18,910.000	Ft
3000	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	9,960.000	Ft
3010	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	177,983.000	Ft
3020	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	107,752.000	Ft
3030	Plastic Drum, Fluorescent, Furn	8120252	1,100.000	Ea
3040	Plastic Drum, Fluorescent, Oper	8120253	1,100.000	Ea
3050	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	99.000	Ft
3060	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	108.000	Ft
3070	Sign Cover	8120310	72.000	Ea
3080	Sign Cover, Type 1	8120320	8.000	Ea
3090	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
3100	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
3110	Sign, Type A, Temp, Prismatic, Furn	8120340	1,080.000	Sft
3120	Sign, Type A, Temp, Prismatic, Oper	8120341	1,080.000	Sft
3130	Sign, Type B, Temp, Prismatic, Furn	8120350	5,250.000	Sft
3140	Sign, Type B, Temp, Prismatic, Oper	8120351	5,250.000	Sft
3150	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	2,782.000	Sft
3160	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	2,782.000	Sft
3170	Traf Regulator Control	8120370	1.000	LSUM
3180	_ Pavt Mrkg, Type NR, Paint, 12 inch, Cross Hatching,	8127001	300.000	Ft

	White			
3190	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8127001	300.000	Ft
3200	_ Pedestrian Barrier With Fence, Temp	8127001	300.000	Ft
3210	_ Temp Rumble Strips (Orange)	8127001	4,858.000	Ft
3220	_ Temp Rumble Strips (Orange), Stop Condition	8127001	660.000	Ft
3230	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	10.000	Ea
3240	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	10.000	Ea
3250	_ Heavy Duty Wrecker	8127050	10.000	Ea
3260	_ Light Duty Wrecker	8127050	30.000	Ea
3270	_ Medium Duty Wrecker	8127050	20.000	Ea
3280	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Lt Turn Arrow Sym	8127050	1.000	Ea
3290	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow Sym	8127050	2.000	Ea
3300	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow Sym	8127050	1.000	Ea
3310	_ Traf Speed Sensor, Portable, Temp	8127050	4.000	Ea
3320	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
3330	Riprap, Heavy	8130005	48.000	Syd
3340	Riprap, Plain	8130010	1,437.000	Syd
3350	Slope Paving, Conc	8130020	1,208.000	Syd
3360	Site Preparation, Max \$16,340.00	8150001	1.000	LSUM
3370	Watering and Cultivating, First Season, Min \$9,260.00	8150002	1.000	LSUM
3380	Watering and Cultivating, Second Season, Min \$11,440.00	8150003	1.000	LSUM
3390	Acer ginnala, 1 1/2 inch	8150059	10.000	Ea
3400	Acer rubrum Red Sunset, 1 1/2 inch	8150143	5.000	Ea
3410	Acer saccharum Green Mountain, 1 1/2 inch	8150184	5.000	Ea
3420	Acer x freemanii Autumn Blaze, 1 1/2 inch	8150220	10.000	Ea
3430	Acer x freemanii Celebration, 1 1/2 inch	8150223	10.000	Ea
3440	Cornus stolonifera, bareroot, 18-24 inch	8151072	5.000	Ea
3450	Crataegus crusgalli Inermis, tree form, 1 1/2 inch	8151130	10.000	Ea
3460	Gleditsia triacanthos inermis Skyline, 1 1/2 inch	8151658	10.000	Ea
3470	Hamamelis vernalis, #10 cont.	8151688	5.000	Ea
3480	Liriodendron tulipifera, 1 1/2 inch	8152175	5.000	Ea
3490	Malus Indian Magic, 1 1/2 inch	8152310	10.000	Ea
3500	Malus Prairie Fire, 1 1/2 inch	8152313	10.000	Ea
3510	Malus Sentinel, 1 1/2 inch	8152325	10.000	Ea
3520	Picea omorika, 4 foot	8152786	10.000	Ea
3530	Quercus bicolor, 1 1/2 inch	8153042	5.000	Ea
3540	Tilia cordata Greenspire, 1 1/2 inch	8153860	10.000	Ea
3550	Mulch	8160025	10,000.000	Syd
3560	Mulch Blanket	8160027	10,000.000	Syd
3570	Seeding, Mixture TSM	8160041	900.000	Lb
3580	Slope Restoration, Type A	8160100	163,996.000	Syd

3590	Slope Restoration, Type B	8160101	34,018.000	Syd
3600	Slope Restoration, Type C	8160102	28,908.000	Syd
3610	Cable, Rem	8190016	5,075.000	Ft
3620	Conduit, DB, 1, 3 inch	8190029	1,085.000	Ft
3630	Conduit, DB, 2, 3 inch	8190032	670.000	Ft
3640	Conduit, DB, 3, 3 inch	8190035	295.000	Ft
3650	Conduit, DB, 4, 3 inch	8190038	25.000	Ft
3660	Conduit, Rem	8190140	6,628.000	Ft
3670	Conduit, Schedule 40, 1 inch	8190145	320.000	Ft
3680	Conduit, Schedule 40, 2 inch	8190147	300.000	Ft
3690	Conduit, Schedule 80 PVC, 2 inch	8190157	370.000	Ft
3700	Conduit, Schedule 80 PVC, 3 inch	8190159	1,755.000	Ft
3710	DB Cable, in Conduit, 600V, 1/C#2	8190201	12,030.000	Ft
3720	DB Cable, in Conduit, 600V, 1/C#6	8190211	4,530.000	Ft
3730	DB Cable, in Conduit, 600V, 1/C#10	8190213	640.000	Ft
3740	DB Cable, in Conduit, Rem	8190220	1,253.000	Ft
3750	Cable, Equipment Grounding Wire, 1/C#2	8190232	4,025.000	Ft
3760	Cable, Equipment Grounding Wire, 1/C#6	8190236	1,730.000	Ft
3770	Cable, Equipment Grounding Wire, 1/C#10	8190238	320.000	Ft
3780	Hh, Heavy Duty Cover	8190246	7.000	Ea
3790	Hh, Rem	8190254	15.000	Ea
3800	Hh, Round, 3 foot dia	8190259	14.000	Ea
3810	Hh, Type D	8190262	1.000	Ea
3820	Light Std Arm, Install Salv	8190276	12.000	Ea
3830	Light Std Arm, Rem	8190277	1.000	Ea
3840	Light Std Arm, Rem and Salv	8190278	12.000	Ea
3850	Light Std Fdn	8190279	12.000	Ea
3860	Light Std Fdn, Rem	8190280	7.000	Ea
3870	Light Std, Frangible Transformer Base	8190281	5.000	Ea
3880	Light Std Shaft, 30 foot or less	8190285	2.000	Ea
3890	Light Std Shaft, 31 foot to 40 foot	8190286	2.000	Ea
3900	Light Std Shaft, 41 foot to 50 foot	8190287	1.000	Ea
3910	Light Std Shaft, Install Salv	8190301	10.000	Ea
3920	Light Std Shaft, Rem and Salv	8190306	10.000	Ea
3930	Luminaire, Install Salv	8190350	12.000	Ea
3940	Luminaire, Rem	8190360	3.000	Ea
3950	Luminaire, Rem and Salv	8190365	12.000	Ea
3960	Wood Pole, Cl 4, 40 foot	8190473	1.000	Ea
3970	Wood Pole, Cl 4, 45 foot	8190474	1.000	Ea
3980	Wood Pole, Cl 4, 50 foot	8190475	6.000	Ea
3990	Wood Pole, Fit Up, Mult Ltg Cable Pole	8190491	1.000	Ea
4000	Wood Pole, Rem	8190505	10.000	Ea
4010	Conduit, Directional Bore, 2, 3 inch	8190604	5,120.000	Ft
4020	Conduit, Directional Bore, 3, 3 inch	8190606	1,515.000	Ft
4030	_ Cable, Install Salv	8197001	343.000	Ft

4040	_ Overhead, #2 Alum Triplex with #2 ACSR Neutral	8197001	1,000.000	Ft
4050	_ Overhead, Rem	8197001	1,343.000	Ft
4060	_ Hh, Round, Elec	8197050	21.000	Ea
4070	_ Light Std Fdn, Conc Barrier, Modified 0-2 Foot	8197050	3.000	Ea
4080	_ Light Std Frangible Transformer Base, Install Salv	8197050	5.000	Ea
4090	_ Light Std Frangible Transformer Base, Rem and Salv	8197050	5.000	Ea
4100	_ Luminaire, 400W Vector	8197050	2.000	Ea
4110	_ Luminaire, Underbridge	8197050	12.000	Ea
4120	_ Wood Pole, Install Salv	8197050	2.000	Ea
4130	_ Wood Pole, Rem and Salv	8197050	2.000	Ea
4140	_ Underbridge Wiring System	8197051	1.000	LSUM
4150	Controller and Cabinet, Rem	8200030	1.000	Ea
4160	Controller and Cabinet, Digital Type	8200031	1.000	Ea
4170	Global Positioning System Module	8200050	1.000	Ea
4180	Global Positioning System Module, Rem	8200053	1.000	Ea
4190	Fdn, Rem	8200065	2.000	Ea
4200	Power Co. (Est. Cost to Contractor)	8200116	5,000.000	Dlr
4210	Serv Disconnect	8200135	1.000	Ea
4220	Serv Disconnect, Rem	8200136	1.000	Ea
4230	Span Wire	8200140	1.000	Ea
4240	Span Wire, Rem	8200141	1.000	Ea
4250	Guy, Rem	8200167	3.000	Ea
4260	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
4270	TS, Two Way Span Wire Mtd (LED)	8200322	4.000	Ea
4280	Video Traf Detection System	8200380	1.000	Ea
4290	Video Traf Detection Camera	8200381	2.000	Ea
4300	Video Traf Detection System, Rem	8200383	1.000	Ea
4310	Video Traf Detection Camera, Rem	8200384	2.000	Ea
4320	Case Sign, Non-Illuminated, Rem	8200432	1.000	Ea
4330	Case Sign, Two Way, 24 inch by 30 inch, Non-Illuminated	8200435	1.000	Ea
4340	TS Face, Bag	8200458	2.000	Ea
4350	TS Face, Bag, Rem	8200459	2.000	Ea
4360	_ ITS Cabinet, Ground Mtd	8207050	1.000	Ea
4370	_ ITS Cabinet, Pole Mtd	8207050	4.000	Ea
4380	Contractor Staking	8240001	1.000	LSUM
4390	Staking Plan Errors and Extras, One Person	8240020	288.000	Hr
4400	Staking Plan Errors and Extras, Two Person	8240021	116.000	Hr
4410	Staking Plan Errors and Extras, Three Person	8240022	173.000	Hr
4420	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
4430	Lightning Protection, Pole	8260021	6.000	Ea
4440	Microwave Vehicle Detection System	8260040	6.000	Ea
4450	Microwave Vehicle Detection System, Rem and Salv	8260041	1.000	Ea
4460	Fiber Optic, Cable, Single Mode Fiber, 12F	8260047	19,015.000	Ft

4470	Fiber Optic, Cable, Single Mode Fiber, 36F	8260049	16,435.000	Ft
4480	Fiber Optic, Splice Cabinet	8260064	1.000	Ea
4490	Fiber Optic, Hardware Assembly, Small	8260065	6.000	Ea
4500	Fiber Optic, Hardware Assembly, Medium	8260066	2.000	Ea
4510	Fiber Optic, Marker, Above Ground	8260069	45.000	Ea
4520	Tracer Wire	8260070	15,690.000	Ft
4530	Fiber Optic, Pigtail	8260071	136.000	Ea
4540	Fiber Optic, Jumper	8260072	31.000	Ea
4550	Managed Field Ethernet Switch, Rem and Salv	8260084	1.000	Ea
4560	Safety Switch, Fusible	8260109	3.000	Ea
4570	Electrical Rack	8260110	3.000	Ea
4580	Power Serv, Refurbish, 30A, 120/240V	8260111	2.000	Ea
4590	Power Serv, Refurbish, 60A, 120/240V	8260112	1.000	Ea
4600	Uninterruptible Power Supply, ITS Cabinet	8260140	5.000	Ea
4610	Flowable Fill, Non-Structural	8260148	252.000	Cyd
4620	Flowable Fill, Spun Pole Fdn	8260149	2.000	Cyd
4630	Spun Conc Pole, Type B	8260153	1.000	Ea
4640	Drilled Shaft and Conc Skirt, Cased	8260155	1.000	Ea
4650	Surveillance System, Remote Site, Type A	8260157	1.000	Ea
4660	Surveillance System, Remote Site, Type B	8260158	1.000	Ea
4670	System Integration and Testing	8260160	1.000	LSUM
4680	_ Power Serv, Refurbish, 100A, 120/240V	8267050	1.000	Ea

Section: 2

4690	Embankment, CIP	2050010	178,206.000	Cyd
4700	Excavation, Earth	2050016	373,123.000	Cyd
4710	Subbase, CIP	3010002	118,277.000	Cyd
4720	Aggregate Base, 6 inch	3020016	205,242.000	Syd
4730	Open-Graded Dr Cse, 6 inch	3030006	1,290.000	Syd
4740	HMA Quality Initiative	5010007	175,334.000	Dlr
4750	Longitudinal Joint Density Quality Initiative	5010018	310,694.000	Dlr
4760	_ HMA Approach, 6 1/2 inch	5017011	277.000	Syd
4770	_ HMA Approach, 7 3/4 inch	5017011	1,105.000	Syd
4780	_ HMA Approach, 9 1/2 inch	5017011	1,504.000	Syd
4790	_ HMA, 2E03, 4 1/2 inch	5017011	17,339.000	Syd
4800	_ HMA, 2E10, 4 1/2 inch	5017011	24,228.000	Syd
4810	_ HMA, 3E03, 3 inch	5017011	45,398.000	Syd
4820	_ HMA, 3E10, 3 inch	5017011	108,643.000	Syd
4830	_ HMA, 4E03, 2 1/2 inch	5017011	65,597.000	Syd
4840	_ HMA, 4E03, 2 1/4 inch	5017011	30,923.000	Syd
4850	_ HMA, 4E03, 2 inch	5017011	14,033.000	Syd
4860	_ HMA, 4E10, 2 1/2 inch	5017011	157,093.000	Syd
4870	_ HMA, 4E10, 2 1/4 inch	5017011	108,643.000	Syd
4880	_ HMA, 5E03, 1 1/2 inch	5017011	14,033.000	Syd
4890	Curb and Gutter, Conc, Det B2	8020016	136.000	Ft

4900	Curb and Gutter, Conc, Det D2	8020031	3,650.000	Ft
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Section: 3

4910	Embankment, CIP	2050010	192,640.000	Cyd
4920	Excavation, Earth	2050016	340,238.000	Cyd
4930	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
4940	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
4950	Erosion Control, Sediment Trap	2080034	4.000	Ea
4960	Subbase, CIP	3010002	58,619.000	Cyd
4970	Open-Graded Dr Cse, 6 inch	3030006	206,532.000	Syd
4980	Conc Pavt, Curing Horizontal Surfaces	6020159	195,804.000	Syd
4990	Joint, Contraction, C3p	6020201	47,280.000	Ft
5000	Joint, Expansion, E4	6020209	342.000	Ft
5010	Conc Quality Initiative	6020401	51,467.000	Dlr
5020	Conc Pavt, Nonreinf, 8 inch, High Performance	6020500	8,345.000	Syd
5030	Conc Pavt, Nonreinf, 9 inch, High Performance	6020502	89,205.000	Syd
5040	Conc Pavt, Nonreinf, 10 1/2 inch, High Performance	6020505	24,228.000	Syd
5050	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	277.000	Syd
5060	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	1,105.000	Syd
5070	Conc Pavt, Misc, Nonreinf, 10 1/2 inch, High Performance	6020517	1,504.000	Syd
5080	Shoulder, Nonreinf Conc, High Performance	6020524	74,043.000	Syd
5090	_ Joint, Contraction, Cp, Modified	6027001	80,856.000	Ft
5100	_ Joint, Expansion, E2, Modified	6027001	448.000	Ft
5110	Lane Tie, Epoxy Anchored	6030030	336.000	Ea
5120	Curb and Gutter, Conc, Det B1	8020015	136.000	Ft
5130	Curb and Gutter, Conc, Det D1	8020030	3,650.000	Ft
5140	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	8,000.000	Ft
5150	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	33,000.000	Ft
5160	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	2,500.000	Ft
5170	Rem Curing Compound, for Spec Mrkg	8110321	218.000	Sft
5180	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Shadow Tape, Black	8110388	5,650.000	Ft
5190	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Shadow Tape, Black	8110390	240.000	Ft
5200	Recessing Pavt Mrkg, Longit	8110450	5,890.000	Ft

Section: 4

5210	Structures, Rem (S25-3 of 41027)	2040060	1.000	LSUM
5220	Structures, Rem (S25-4 of 41027)	2040060	1.000	LSUM
5230	Embankment, Structure, CIP	2050012	310.000	Cyd
5240	_ Dewatering System (S25-3 of 41027)	2057051	1.000	LSUM
5250	_ Dewatering System (S25-4 of 41027)	2057051	1.000	LSUM
5260	Backfill, Structure, CIP	2060002	2,495.000	Cyd
5270	Backfill, Select	2060004	12,075.000	Cyd
5280	Excavation, Fdn	2060010	8,745.000	Cyd

5290	_ Steel Sheet Piling, Temp, Special	7047010	1,200.000	Sft
5300	Pile Driving Equipment, Furn (S25-3 of 41027)	7050002	1.000	LSUM
5310	Pile Driving Equipment, Furn (S25-4 of 41027)	7050002	1.000	LSUM
5320	Pile, Steel, Furn and Driven, 14 inch	7050034	4,200.000	Ft
5330	Test Pile, Steel, 14 inch	7050035	8.000	Ea
5340	Pile Point, Steel	7050039	40.000	Ea
5350	Pile, Steel, Splice	7050050	58.000	Ea
5360	_ Pile Protection	7057001	613.000	Ft
5370	Bridge Ltg, Furn and Rem (S25-3 of 41027)	7060001	1.000	LSUM
5380	Bridge Ltg, Furn and Rem (S25-4 of 41027)	7060001	1.000	LSUM
5390	Bridge Ltg, Oper and Maintain	7060002	569.000	Cyd
5400	Expansion Joint Device	7060050	262.000	Ft
5410	False Decking	7060060	13,660.000	Sft
5420	Reinforcement, Steel, Epoxy Coated	7060092	196,640.000	Lb
5430	Substructure Conc, High Performance	7060101	265.000	Cyd
5440	Superstructure Conc, Form, Finish, and Cure (S25-3 of 41027)	7060111	1.000	LSUM
5450	Superstructure Conc, Form, Finish, and Cure (S25-4 of 41027)	7060111	1.000	LSUM
5460	Superstructure Conc, Form, Finish, and Cure, Night Casting (S25-3 of 41027)	7060112	1.000	LSUM
5470	Superstructure Conc, Form, Finish, and Cure, Night Casting (S25-4 of 41027)	7060112	1.000	LSUM
5480	Superstructure Conc, High Performance	7060116	152.000	Cyd
5490	Superstructure Conc, Night Casting, High Performance	7060117	569.000	Cyd
5500	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	13,273.000	Sft
5510	Mechanically Stabilized Earth Wall, Precast, Install	7060201	13,273.000	Sft
5520	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	2,189.000	Sft
5530	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	2,189.000	Sft
5540	Mechanically Stabilized Earth Wall Coping, Precast	7060206	348.000	Ft
5550	Mechanically Stabilized Earth Wall Coping, CIP	7060207	589.000	Ft
5560	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	937.000	Sft
5570	_ Conc Stone Stain	7067011	360.000	Syd
5580	_ Texturing Conc	7067011	62.000	Syd
5590	Bearing, Elastomeric, 3 inch	7070020	10,656.000	Sin
5600	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	1,928.000	Lb
5610	Steel Diaphragm, Prest Conc Beam, Erect	7070054	1,928.000	Lb
5620	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	1,388.000	Ft
5630	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	1,388.000	Ft
5640	Joint Waterproofing	7100001	192.000	Sft
5650	Joint Waterproofing, Expansion	7100003	446.000	Sft
5660	Conc Surface Coating, Warranty (Retaining Wall)	7100009	1.000	LSUM
5670	Conc Surface Coating, Warranty (S25-3 of 41027)	7100009	1.000	LSUM
5680	Conc Surface Coating, Warranty (S25-4 of 41027)	7100009	1.000	LSUM

5690	Reflective Marker, Permanent Barrier	7110003	16.000	Ea
5700	Bridge Barrier Railing, Type 4, High Performance	7110015	585.000	Ft
5710	Bridge Railing, Aesthetic, Type 4, Det 1, High Performance	7110050	277.000	Ft
5720	_ Vibration Monitoring (S25-3 of 41027)	8007051	1.000	LSUM
5730	_ Vibration Monitoring (S25-4 of 41027)	8007051	1.000	LSUM
5740	_ Vibration Monitoring, Utility (S25-3 of 41027)	8007051	1.000	LSUM
5750	_ Vibration Monitoring, Utility (S25-4 of 41027)	8007051	1.000	LSUM

Section: 5

5760	_ User Delay Cost, East Beltline Off-Ramp I-196	1027051	1.000	LSUM
5770	_ User Delay Cost, East Beltline Off-Ramp I-96	1027051	1.000	LSUM
5780	_ User Delay Cost, Fuller Off-Ramp	1027051	1.000	LSUM
5790	_ User Delay Cost, Fuller On-Ramp	1027051	1.000	LSUM
5800	_ User Delay Cost, I-196 EB	1027051	1.000	LSUM
5810	_ User Delay Cost, I-196 WB, 1 Lane Open	1027051	1.000	LSUM
5820	_ User Delay Cost, I-196 WB, 2 Lanes Open	1027051	1.000	LSUM
5830	_ User Delay Cost, I-96 EB	1027051	1.000	LSUM
5840	_ User Delay Cost, I-96 WB	1027051	1.000	LSUM
5850	_ User Delay Cost, Leonard On-Ramp	1027051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190201 019**Letting Date:** February 1, 2019**Contract ID:** 84053-205288**Description:** Paint marking at various airports, statewide, Michigan.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205288A	State/Local	N/A	M 84053

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Remarking Airport Pavement, Solid, Black	6200524	3,000.000	Sft
0020	Airport Pavement Marking, Solid, White, With Reflective Beads	6200534	12,270.000	Sft
0030	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	30,126.000	Sft
0040	Remarking Airport Pavement, Striated, White, With Reflective Beads	6200536	43,911.000	Sft
0050	Remarking Airport Pavement, Solid, White, With Reflective Beads	6200538	17,278.000	Sft
0060	Remove Airport Pavement Marking	6200540	10,000.000	Sft
Section: 2				
0070	Remarking Airport Pavement, Solid, Black	6200524	165,468.000	Sft
0080	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	267,438.000	Sft
0090	Remarking Airport Pavement, Striated, White, With Reflective Beads	6200536	148,552.000	Sft
0100	Remarking Airport Pavement, Solid, White, With Reflective Beads	6200538	434,651.000	Sft
0110	Misc. Red Holding Position Signs w/ Reflective Beads	6207050	4.000	Ea
0120	Misc. Ferry Transportation	8007060	1.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190201 020

Letting Date: February 1, 2019

Contract ID: 78132-125461

Description: Rehabilitation of Taxilanes at Kirsch Municipal Airport, city of Sturgis, St. Joseph County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125461A	B-26-0092-1818	N/A	FM 78132

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Permits	1000535	2,000.000	Dlr
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	1,230.000	Lft
0050	Remove Asphalt Pavement	1010245	4,570.000	Syd
0060	Misc. Remove aggregate base course	1017221	100.000	Cyd
0070	Unclassified Excavation	1520410	700.000	Cyd
0080	Shoulder Construction, as Specified	1520481	3,200.000	Syd
0090	Erosion Control, Inlet Filter	1560620	19.000	Ea
0100	Erosion Control, Silt Fence	1560625	100.000	Lft
0110	Misc. Fine grade & compact cement treated aggregate base course/pulverized bituminous pvmt.	2077011	12,820.000	Syd
0120	Misc. Pulverize bituminous pavement, less than 6" thickness	2077011	8,800.000	Syd
0130	Misc. Portland Cement	2077031	350.000	Ton
0140	Salvage Pulverized Material	2080555	590.000	Cyd
0150	Bituminous Surface Course-Gradation 2	4030638	2,150.000	Ton
0160	Joint Construction, as Specified	6050515	1,200.000	Lft
0170	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	3,500.000	Sft
0180	Pipe Underdrain 4", Type as Specified	7050510	6,056.000	Lft
0190	Pipe Underdrain 6", Type as Specified	7050511	940.000	Lft
0200	Underdrain Cleanout, As Specified	7050525	28.000	Ea
0210	Leaching Basin 4' Diameter, Type 3, Through 8' Depth	7510522	13.000	Ea
0220	Reconstruct Drainage Structure	7510561	1.000	Ea
0230	Drainage Structure Cover, Type D, in Place	7510583	13.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190201 021

Letting Date: February 1, 2019

Contract ID: 84052-205287

Description: Statewide Crack Sealing at various Airports in Michigan.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205287A	N/A	N/A	M 84052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Joint and Crack Sealing, As Specified	6050520	70,600.000	Lft
Section: 2				
0020	Joint and Crack Sealing, As Specified	6050520	291,996.000	Lft
0030	Misc. Ferry Transportation	8007060	1.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190201 022

Letting Date: February 1, 2019

Contract ID: 33000-201707

Description: 1.38 mi of hot mix asphalt cold milling and resurfacing, base repairs, ADA ramps and pavement markings on East Miller Road from Aurelius Road to Cedar Street and on Turner Street from Randolph Street to Douglas Avenue in the city of Lansing, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201707A	1900110	N/A	STU 33000
201709A	1900117	N/A	STU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio Visual Filming, Miller	1047051	1.000	LSUM
0020	_ Audio Visual Filming, Turner	1047051	1.000	LSUM
0030	Mobilization, Max \$145,800.00	1500001	1.000	LSUM
0040	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0050	Dr Structure, Rem	2030011	6.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	50.000	Ft
0070	Curb and Gutter, Rem	2040020	3,244.000	Ft
0080	Sidewalk, Rem	2040055	510.000	Syd
0090	_ HMA Joint and Crack Repair	2047001	800.000	Ft
0100	_ Pavt, Rem, Modified	2047011	4,905.000	Syd
0110	_ Machine Grading, Modified, Miller	2057002	53.000	Sta
0120	_ Machine Grading, Modified, Turner	2057002	17.000	Sta
0130	_ Subgrade Undercutting, Special	2057011	1,350.000	Syd
0140	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	56.000	Ea
0150	_ Street Sweeping	2087050	12.000	Ea
0160	Project Cleanup	2090001	1.000	LSUM
0170	Subbase, CIP	3010002	60.000	Cyd
0180	Aggregate Base, 7 inch	3020018	5,080.000	Syd
0190	_ Aggregate Base, 2 inch	3027011	990.000	Syd
0200	Sewer, Cl A, 12 inch, Tr Det B	4020033	50.000	Ft
0210	Video Taping Sewer and Culv Pipe	4021275	50.000	Ft
0220	_ Sanitary Sewer, Spot Repair, Cl A, 8 inch	4027001	10.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	60.000	Ea
0240	Dr Structure Cover, Adj, Case 2	4030006	12.000	Ea
0250	Dr Structure Cover, Type K	4030050	15.000	Ea
0260	Dr Structure, 24 inch dia	4030200	2.000	Ea

0270	Dr Structure, 48 inch dia	4030210	6.000	Ea
0280	Dr Structure, Adj, Add Depth	4030280	35.000	Ft
0290	Dr Structure, Cleaning	4030290	49.000	Ea
0300	Dr Structure, Temp Lowering	4030390	52.000	Ea
0310	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0320	_ Dr Structure Cover, Modified	4037050	55.000	Ea
0330	Cold Milling HMA Surface	5010002	33,960.000	Syd
0340	Hand Patching	5010025	269.000	Ton
0350	HMA, 13A	5010033	6,930.000	Ton
0360	HMA, 4E1	5010050	1,830.000	Ton
0370	HMA, 5E1	5010056	605.000	Ton
0380	HMA Approach	5010061	571.000	Ton
0390	Driveway, Nonreinf Conc, 6 inch	8010005	100.000	Syd
0400	Driveway, Nonreinf Conc, 7 inch	8010006	50.000	Syd
0410	Driveway, Nonreinf Conc, 8 inch	8010007	80.000	Syd
0420	Curb and Gutter, Conc, Det F4	8020038	2,610.000	Ft
0430	Curb Ramp Opening, Conc	8030030	634.000	Ft
0440	Sidewalk Ramp, Conc, 6 inch	8030036	3,754.000	Sft
0450	Sidewalk, Conc, 4 inch	8030044	700.000	Sft
0460	Sidewalk, Conc, 6 inch	8030046	200.000	Sft
0470	Sidewalk, Conc, 7 inch	8030047	100.000	Sft
0480	_ Detectable Warning Surface, Modified	8037001	210.000	Ft
0490	Fence, Protective	8080007	100.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	875.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	610.000	Ft
0520	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	230.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0550	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,000.000	Ft
0560	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,420.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,000.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,420.000	Ft
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0610	Pedestrian Type II Barricade, Temp	8120026	26.000	Ea
0620	Channelizing Device, 42 inch, Furn	8120030	120.000	Ea
0630	Channelizing Device, 42 inch, Oper	8120031	120.000	Ea
0640	Dust Palliative, Applied	8120100	5.000	Ton
0650	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,770.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	3,540.000	Ft

Yellow, Temp

0700	Plastic Drum, High Intensity, Furn	8120250	256.000	Ea
0710	Plastic Drum, High Intensity, Oper	8120251	256.000	Ea
0720	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0730	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	1,492.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	1,492.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	258.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	258.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	_ Parkway Restoration	8167011	1,900.000	Syd
0800	Gate Box, Adj, Temp, Case 1	8230391	10.000	Ea
0810	Gate Box, Adj, Case 1	8230431	12.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 023

Letting Date: February 1, 2019

Contract ID: 09000-130312

Description: 0.78 mi of hot mix asphalt cold milling and resurfacing, sand subbase, aggregate base, trenching, drainage, signing and pavement markings on Grove Street/Old Kawkawlin Road from Huron Road (M-13) to Two Mile Road, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130312A	1900160	N/A	STUL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$81,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	6.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0040	Dr Structure, Rem	2030011	3.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	150.000	Ft
0060	Curb and Gutter, Rem	2040020	110.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0080	Pavt, Rem	2040050	704.000	Syd
0090	Sidewalk, Rem	2040055	3.000	Syd
0100	Excavation, Earth	2050016	10.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	350.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0140	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0150	Subbase, CIP	3010002	44.000	Cyd
0160	_ Aggregate Base, 8 inch, Modified	3027011	5,991.000	Syd
0170	Maintenance Gravel	3060020	400.000	Ton
0180	_ Trenching, Modified	3077002	80.000	Sta
0190	_ Approach, CI I, 6 inch, Modified	3077011	670.000	Syd
0200	_ Approach, CI II, Modified	3077031	100.000	Ton
0210	Sewer, CI IV, 12 inch, Tr Det B	4020987	63.000	Ft
0220	_ Sump Pump Lead and Drain Tile Connection	4027001	250.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0240	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0250	Dr Structure Cover, Type J	4030045	2.000	Ea
0260	Dr Structure Cover, Type Q	4030065	1.000	Ea
0270	Dr Structure Lead, Cleaning, 12 inch	4030112	100.000	Ft

0280	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0290	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0300	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0310	_ Dr Structure Collar, Modified	4037050	1.000	Ea
0320	_ Dr Structure Cover, Type DG	4037050	7.000	Ea
0330	_ Dr Structure, 36 inch, Leach Basin	4037050	7.000	Ea
0340	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0350	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	350.000	Ft
0360	Underdrain Outlet, 6 inch	4040093	15.000	Ft
0370	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0380	Cold Milling HMA Surface	5010002	9,873.000	Syd
0390	HMA Surface, Rem	5010005	1,877.000	Syd
0400	Pavt for Butt Joints, Rem	5010008	729.000	Syd
0410	Pavt Joint and Crack Repr, Det 8	5010021	800.000	Ft
0420	Hand Patching	5010025	225.000	Ton
0430	HMA, 4E1	5010050	2,058.000	Ton
0440	HMA, 5E1	5010056	1,403.000	Ton
0450	HMA Approach	5010061	382.000	Ton
0460	Curb, Conc, Det E2	8020002	25.000	Ft
0470	Curb and Gutter, Conc, Det B2	8020016	466.000	Ft
0480	Detectable Warning Surface	8030010	24.000	Ft
0490	Curb Ramp Opening, Conc	8030030	27.000	Ft
0500	Sidewalk Ramp, Conc, 6 inch	8030036	182.000	Sft
0510	Post, Mailbox	8070095	38.000	Ea
0520	Post, Steel, 3 lb	8100371	930.000	Ft
0530	Sign, Type IIA	8100398	18.000	Sft
0540	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0550	Sign, Type III, Rem	8100403	55.000	Ea
0560	Sign, Type IIIA	8100404	18.000	Sft
0570	Sign, Type IIIB	8100405	176.000	Sft
0580	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0590	Reflective Panel for Permanent Sign Support, 6 foot	8100616	34.000	Ea
0600	_ Sign, Type IIA, Modified	8107010	26.000	Sft
0610	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	147.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	111.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0640	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,607.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,875.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	7,607.000	Ft
0670	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,875.000	Ft
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0690	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0700	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea

0710	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0720	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0730	Minor Traf Devices	8120170	1.000	LSUM
0740	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	320.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	320.000	Ft
0760	Plastic Drum, High Intensity, Furn	8120250	160.000	Ea
0770	Plastic Drum, High Intensity, Oper	8120251	160.000	Ea
0780	Sign Cover	8120310	12.000	Ea
0790	Sign, Type B, Temp, Prismatic, Furn	8120350	530.000	Sft
0800	Sign, Type B, Temp, Prismatic, Oper	8120351	530.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	167.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	167.000	Sft
0830	Traf Regulator Control	8120370	1.000	LSUM
0840	_ Slope Restoration, Modified	8167011	10,800.000	Syd
0850	Conduit, DB, 1, 1/2 inch	8190025	19.000	Ft
0860	Pedestal, Alum	8200100	1.000	Ea
0870	Pedestal, Fdn	8200105	1.000	Ea
0880	Pushbutton and Sign	8200121	1.000	Ea
0890	Pushbutton, Rem	8200122	1.000	Ea
0900	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
0910	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0920	Monument Box	8210001	1.000	Ea
0930	Monument Preservation	8210010	1.000	Ea
0940	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0950	Water Shutoff, Adj, Case 2	8230422	10.000	Ea
0960	Gate Box, Adj, Case 1	8230431	8.000	Ea
0970	Gate Box, Adj, Case 2	8230432	7.000	Ea
0980	_ Water Main, Conflict, 6 inch	8237050	1.000	Ea
0990	_ Railroad Protection, at Grade Crossing	8507060	3,000.000	Dlr



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 024**Letting Date:** February 1, 2019**Contract ID:** 77000-133408

Description: 3.25 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Wadhams Road from south of Ravenswood Road northerly to I-69, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133408A	1900122	N/A	STU 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,900.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	_ Shoulder, CI II, Modified	3077031	171.000	Ton
0040	Cold Milling HMA Surface	5010002	55,840.000	Syd
0050	Hand Patching	5010025	30.000	Ton
0060	HMA, 5E10	5010058	4,607.000	Ton
0070	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	381.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	10.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,449.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,243.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	32,770.000	Ft
0170	Channelizing Device, 42 inch, Furn	8120030	323.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	323.000	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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	358.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,375.000	Ft
0240	Sign Cover	8120310	7.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	398.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	398.000	Sft

0270	Traf Regulator Control	8120370	1.000	LSUM
0280	_ Monument Box, Special	8127050	8.000	Ea
0290	_ Railroad Protection, at Grade Crossing	8127051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 025

Letting Date: February 1, 2019

Contract ID: 23045-126675

Description: Replacement of bridge railing, prestressed concrete deck fascia beam, bituminous wearing surface and waterproofing membrane, concrete curb and gutter, sidewalk, drainage, guardrail and approach work on Hall Street over Mill Race in the city of Eaton Rapids, Eaton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126675A	1900175	N/A	BHT 23045

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	264.000	Ft
0030	Guardrail, Rem	2040035	205.000	Ft
0040	Sidewalk, Rem	2040055	145.000	Syd
0050	Exploratory Investigation, Vertical	2040080	8.000	Ft
0060	Embankment, CIP	2050010	50.000	Cyd
0070	Excavation, Earth	2050016	167.000	Cyd
0080	_ Subgrade Undercutting, Special	2057011	10.000	Syd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0100	Erosion Control, Silt Fence	2080036	500.000	Ft
0110	Erosion Control, Turbidity Curtain, Deep	2080042	270.000	Ft
0120	Subbase, CIP	3010002	20.000	Cyd
0130	Aggregate Base, 6 inch	3020016	249.000	Syd
0140	Aggregate Base, 12 inch	3020030	194.000	Syd
0150	Maintenance Gravel	3060020	10.000	Ton
0160	_ Geogrid	3087011	10.000	Syd
0170	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0180	_ Dr Structure Cover, Modified	4037050	1.000	Ea
0190	HMA Surface, Rem	5010005	422.000	Syd
0200	Hand Patching	5010025	5.000	Ton
0210	HMA Approach	5010061	77.000	Ton
0220	_ HMA Surface, Rem, Modified	5017011	30.000	Syd
0230	Joint, Expansion, E3	6020208	62.000	Ft
0240	Conc Pabt, Bridge Approach, Reinf	6020600	167.000	Syd
0250	Curb and Gutter, Conc, Det F3	8020037	126.000	Ft
0260	Curb and Gutter, Conc, Det F4	8020038	140.000	Ft
0270	Sidewalk, Conc, 4 inch	8030044	1,386.000	Sft

0280	_ Sidewalk, Conc, 8 inch, Special	8037010	190.000	Sft
0290	Conc Barrier, Single Face, Type C	8040003	22.000	Ft
0300	Guardrail Anch, Bridge, Det T2	8070023	3.000	Ea
0310	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0320	Guardrail Reflector	8070080	18.000	Ea
0330	Guardrail Post, Furn and Install, 72 inch	8070101	8.000	Ea
0340	Guardrail, Reconst, Type B	8070105	38.000	Ft
0350	_ Hand Digging Guardrail Post	8077050	2.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0380	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0390	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	443.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	443.000	Sft
0460	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	19.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	19.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Slope Restoration, Type A	8160100	2,000.000	Syd
0500	Slope Restoration, Type B	8160101	50.000	Syd
0510	_ Hh Cover on Bridge	8197050	3.000	Ea
0520	Contractor Staking (SN 2443)	8240001	1.000	LSUM
0530	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0540	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0550	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Section: 2

0560	Backfill, Structure, CIP	2060002	12.000	Cyd
0570	Excavation, Fdn	2060010	4.000	Cyd
0580	Underdrain, Fdn, 4 inch	4040031	180.000	Ft
0590	Underdrain Outlet, 4 inch	4040091	24.000	Ft
0600	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0610	Conc, Grade D	7060010	21.000	Cyd
0620	Conduit, 3 inch	7060030	189.000	Ft
0630	False Decking	7060060	797.000	Sft
0640	Reinforcement, Steel, Epoxy Coated	7060092	5,606.000	Lb
0650	_ Expansive Waterstop	7067001	94.000	Ft
0660	Bearing, Elastomeric, 1/2 inch	7070010	5,913.000	Sin
0670	Prest Conc Deck, 17 inch	7080002	429.000	Sft
0680	_ Transverse Tierod Extension (SN 2443)	7087051	1.000	LSUM

0690	Joint Waterproofing	7100001	16.000	Sft
0700	Conc Surface Coating (SN 2443)	7100010	1.000	LSUM
0710	_ Spray Applied Waterproofing Membrane	7107011	156.000	Syd
0720	Bridge Railing, Aesthetic Parapet Tube	7110005	94.000	Ft
0730	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	4.000	Ea
0740	Structures, Rehabilitation, Rem Portions (SN 2443)	7120070	1.000	LSUM
0750	Embedded Galvanic Anode	7120120	72.000	Ea
0760	_ Grout Repair	7127001	94.000	Ft
0770	_ Hand Chipping, Special	7127020	2.000	Cft
0780	_ Riprap, Heavy, Modified	8137031	594.000	Ton
0790	Hh, Round	8190260	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 026

Letting Date: February 1, 2019

Contract ID: 26000-133004

Description: Bridge rehabilitation including hot mix asphalt removal and resurfacing, guardrail, patching and pavement markings on Calhoun Road over the main branch of Tobacco River and on Howard Road and McCulloch Road over the north branch of Tobacco River, Gladwin County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133004A	1900091	N/A	BO 26000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$18,600.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	1,321.000	Ft
0030	Aggregate Base, Conditioning	3020050	119.000	Syd
0040	HMA Surface, Rem	5010005	1,788.000	Syd
0050	HMA, 13A	5010033	378.000	Ton
0060	Saw Cut, Intermediate	6030090	44.000	Ft
0070	_ Guardrail Salvage and Reinstall	7127051	1.000	LSUM
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	170.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22.000	Ft
0100	Barricade, Type III, High Intensity, Lighted, Furn	8120022	24.000	Ea
0110	Barricade, Type III, High Intensity, Lighted, Oper	8120023	24.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	64.000	Ft
0140	Sign Cover	8120310	10.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,094.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,094.000	Sft
0170	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,275.000	Sft
0180	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,275.000	Sft
0190	_ Riprap Ditch, Modified	8137001	85.000	Ft

Section: 2

0200	_ HMA Surface, Rem, Modified	5017011	520.000	Syd
0210	Sawing and Sealing Trans Pavt Joints	6030096	219.000	Ft
0220	Membrane, Preformed Waterproofing	7100008	4,882.000	Sft
0230	Conc Surface Coating	7100011	276.000	Syd
0240	_ Hand Chip and Patch, Modified	7127010	338.000	Sft

Schedule of Pay Items

Report v1

Letting Call: 190201 027

Letting Date: February 1, 2019

Contract ID: 70000-204283

Description: Superstructure removal and replacement with prestressed concrete box beams, concrete curb and gutter, drainage, sewer, guardrail, steel sheet piling, approach work and pavement markings on Barry Street over the east branch of Rush Creek, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204283A	1900179	N/A	BO 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$70,000.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	240.000	Ft
0030	Embankment, CIP	2050010	712.000	Cyd
0040	Excavation, Earth	2050016	551.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0060	_ Driveway Grading	2057050	3.000	Ea
0070	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0080	Erosion Control, Silt Fence	2080036	1,200.000	Ft
0090	Subbase, CIP	3010002	252.000	Cyd
0100	Aggregate Base, 6 inch	3020016	2,241.000	Syd
0110	Approach, CI I, 6 inch	3070008	128.000	Syd
0120	_ Shoulder, Modified	3077011	36.000	Syd
0130	Sewer, CI IV, 12 inch, Tr Det B	4020987	48.000	Ft
0140	Dr Structure Cover, Type C	4030015	1.000	Ea
0150	Dr Structure, 24 inch dia	4030200	1.000	Ea
0160	_ Dr Structure, Modified	4037050	1.000	Ea
0170	HMA Surface, Rem	5010005	1,618.000	Syd
0180	HMA Approach	5010061	28.000	Ton
0190	HMA, LVSP	5010703	648.000	Ton
0200	Curb and Gutter, Bridge Approach	8020010	104.000	Ft
0210	Curb Sloped, HMA	8050010	908.000	Ft
0220	Guardrail, Type B	8070000	100.000	Ft
0230	Guardrail, Backed, Det G2	8070016	1.000	Ea
0240	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0250	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0260	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0270	Guardrail Reflector	8070080	10.000	Ea

0280	_ Mailbox Post, Modified	8077050	3.000	Ea
0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,400.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,400.000	Ft
0310	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	212.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	312.000	Ft
0360	Plastic Drum, High Intensity, Furn	8120250	9.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	9.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	232.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	232.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Mulch Blanket	8160027	435.000	Syd
0440	_ Slope Restoration	8167011	1,170.000	Syd

Section: 2

0450	Excavation, Channel	2050015	77.000	Cyd
0460	Backfill, Structure, CIP	2060002	38.000	Cyd
0470	Excavation, Fdn	2060010	48.000	Cyd
0480	Erosion Control, Turbidity Curtain, Deep	2080042	75.000	Ft
0490	Erosion Control, Turbidity Curtain, Shallow	2080044	75.000	Ft
0500	Steel Sheet Piling, Temp	7040002	564.000	Sft
0510	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0520	Bridge Ltg, Oper and Maintain	7060002	48.000	Cyd
0530	Conc, Low Temperature Protection	7060020	57.000	Cyd
0540	False Decking	7060060	4,257.000	Sft
0550	Reinforcement, Steel, Epoxy Coated	7060092	8,340.000	Lb
0560	Substructure Conc	7060100	9.000	Cyd
0570	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0580	Superstructure Conc, Night Casting	7060113	48.000	Cyd
0590	_ Block Retaining Wall, 13.5 ft tall by 17.3 ft long	7067010	467.000	Sft
0600	Bearing, Elastomeric, 3/4 inch	7070011	7,616.000	Sin
0610	Prest Conc Deck, 21 inch	7080003	2,312.000	Sft
0620	Post Tensioning	7080015	1.000	LSUM
0630	Joint Waterproofing	7100001	393.000	Sft
0640	Bridge Barrier Railing, Type 4	7110001	106.000	Ft
0650	Adhesive Anchoring of Vertical Bar, 3/8 inch	7120031	176.000	Ea
0660	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	72.000	Ea
0670	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM

0680	_ Riprap, Fieldstone	8137011	239.000	Syd
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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 028**Letting Date:** February 1, 2019**Contract ID:** 38061-120277

Description: 4.12 mi of hot mix asphalt reconstruction, intermittent skip patching, cold milling and resurfacing, earthwork, aggregate base, storm sewer, concrete curb, gutter, sidewalk and ramps, water main, signing and pavement marking on M-60 (Spring Arbor Road) from Chapel Road easterly to east of Renfrew Boulevard in the village of Spring Arbor, Jackson County. This project includes a 3 year materials and workmanship pavement warranty and two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120277A	1900210	N/A	ST 38061

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 \$841,000.00	1500001	1.000	LSUM
0030	Clearing	2010001	1.000	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	28.000	Ea
0050	Tree, Rem, 37 inch or Larger	2020003	11.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	57.000	Ea
0070	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0080	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0090	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0100	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0110	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0120	Dr Structure, Rem	2030011	40.000	Ea
0130	Sewer, Rem, Less than 24 inch	2030015	5,854.000	Ft
0140	Sewer, Rem, 24 inch to 48 inch	2030016	39.000	Ft
0150	_ Monitoring Well, Adjust	2037050	2.000	Ea
0160	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0170	Curb and Gutter, Rem	2040020	5,112.000	Ft
0180	Fence, Rem	2040025	756.000	Ft
0190	Pavt, Rem	2040050	15,474.000	Syd
0200	Sidewalk, Rem	2040055	3,459.000	Syd
0210	Exploratory Investigation, Vertical	2040080	100.000	Ft
0220	_ Misc Debris, Rem, LM	2047021	40.000	Cyd
0230	Embankment, CIP	2050010	5,992.000	Cyd
0240	Excavation, Earth	2050016	111,483.000	Cyd
0250	Excavation, Rock	2050018	500.000	Cyd

0260	Non Haz Contaminated Material Handling and Disposal, LM	2050031	2,000.000	Cyd
0270	Subgrade Undercutting, Type II	2050041	4,000.000	Cyd
0280	_ Embankment, CIP, Special	2057021	10,546.000	Cyd
0290	_ Subgrade Undercutting, Modified	2057021	2,000.000	Cyd
0300	_ Building and Improvement Removal, Outbuilding, Medium, Parcel 112	2057050	2.000	Ea
0310	_ Building and Improvement Removal, Residential, Medium, Parcel 112	2057050	1.000	Ea
0320	Erosion Control, Check Dam, Stone	2080012	403.000	Ft
0330	Erosion Control, Gravel Access Approach	2080016	7.000	Ea
0340	Erosion Control, Inlet Protection, Fabric Drop	2080020	156.000	Ea
0350	Erosion Control, Inlet Protection, Sediment Trap	2080024	14.000	Ea
0360	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0370	Erosion Control, Sediment Trap	2080034	31.000	Ea
0380	Erosion Control, Silt Fence	2080036	4,170.000	Ft
0390	Project Cleanup	2090001	1.000	LSUM
0400	Subbase, CIP	3010002	21,263.000	Cyd
0410	Aggregate Base, 5 inch	3020012	5,595.000	Syd
0420	Aggregate Base, 6 inch	3020016	39,069.000	Syd
0430	Aggregate Base, 8 inch	3020020	132.000	Syd
0440	Aggregate Surface Cse, 6 inch	3060010	409.000	Syd
0450	Maintenance Gravel, LM	3060021	18.000	Cyd
0460	_ Driveway Maintenance, Commercial	3067050	26.000	Ea
0470	_ Driveway Maintenance, Residential	3067050	28.000	Ea
0480	_ Intersection Maintenance	3067050	13.000	Ea
0490	Approach, CI II, 6 inch	3070028	69.000	Syd
0500	Shoulder, CI II, 6 inch	3070128	74.000	Syd
0510	Shoulder, CI II, 6 inch, Temp	3070183	325.000	Syd
0520	Culv End Sect, 12 inch	4010012	15.000	Ea
0530	Culv End Sect, 18 inch	4010018	2.000	Ea
0540	Culv End Sect, 36 inch	4010036	1.000	Ea
0550	Culv, CI A, 18 inch	4010133	183.000	Ft
0560	Culv, CI F, 12 inch	4010607	360.000	Ft
0570	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0580	Culv, Slp End Sect, 1 on 6, 36 inch, Transv	4010962	1.000	Ea
0590	Culv, Slp End Sect, 1 on 6, 48 inch, Longit	4010965	1.000	Ea
0600	Dr Marker Post	4011109	30.000	Ea
0610	Sewer, CI A, 48 inch, Tr Det A	4020011	213.000	Ft
0620	Sewer, CI A, 12 inch, Tr Det B	4020033	3,688.000	Ft
0630	Sewer, CI A, 15 inch, Tr Det B	4020034	1,388.000	Ft
0640	Sewer, CI A, 18 inch, Tr Det B	4020035	2,155.000	Ft
0650	Sewer, CI A, 24 inch, Tr Det B	4020036	445.000	Ft
0660	Sewer, CI A, 30 inch, Tr Det B	4020037	1,443.000	Ft
0670	Sewer, CI A, 36 inch, Tr Det B	4020038	774.000	Ft
0680	Sewer, CI A, 42 inch, Tr Det B	4020039	56.000	Ft

0690	Sewer, CI A, 48 inch, Tr Det B	4020040	548.000	Ft
0700	Sewer, CI B, 42 inch, Tr Det B	4020189	322.000	Ft
0710	Sewer, CI B, 48 inch, Tr Det B	4020190	237.000	Ft
0720	Sewer, CI E, 12 inch, Tr Det B	4020600	20.000	Ft
0730	Sewer, CI E, 18 inch, Tr Det B	4020602	300.000	Ft
0740	Sewer Tap, 6 inch	4021201	2.000	Ea
0750	Sewer Tap, 10 inch	4021203	1.000	Ea
0760	Sewer Tap, 12 inch	4021204	2.000	Ea
0770	Sewer Tap, 15 inch	4021205	1.000	Ea
0780	Sewer Tap, 18 inch	4021206	1.000	Ea
0790	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0800	Trench Undercut and Backfill	4021260	500.000	Cyd
0810	Video Taping Sewer and Culv Pipe	4021275	12,077.000	Ft
0820	Dr Structure Cover, Adj, Case 1, Modified	4030004	11.000	Ea
0830	Dr Structure Cover, Adj, Case 1	4030005	19.000	Ea
0840	Dr Structure Cover, Adj, Case 2	4030006	17.000	Ea
0850	Dr Structure Cover, Type B	4030010	14.000	Ea
0860	Dr Structure Cover, Type D	4030025	24.000	Ea
0870	Dr Structure Cover, Type G	4030040	23.000	Ea
0880	Dr Structure Cover, Type K	4030050	108.000	Ea
0890	Dr Structure Cover, Type Q	4030065	6.000	Ea
0900	Dr Structure Lead, Cleaning, 12 inch	4030112	200.000	Ft
0910	Dr Structure Lead, Cleaning, 18 inch	4030118	200.000	Ft
0920	Dr Structure Lead, Cleaning, 24 inch	4030124	100.000	Ft
0930	Dr Structure, 24 inch dia	4030200	8.000	Ea
0940	Dr Structure, 48 inch dia	4030210	130.000	Ea
0950	Dr Structure, 60 inch dia	4030220	15.000	Ea
0960	Dr Structure, 72 inch dia	4030230	5.000	Ea
0970	Dr Structure, 84 inch dia	4030231	4.000	Ea
0980	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	24.000	Ft
0990	Dr Structure, 96 inch dia	4030234	1.000	Ea
1000	Dr Structure, Add Depth of 108 inch dia, 8 foot to 15 foot	4030238	3.000	Ft
1010	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	284.000	Ft
1020	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	50.000	Ft
1030	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	91.000	Ft
1040	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	9.000	Ft
1050	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	27.000	Ft
1060	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	10.000	Ft
1070	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
1080	Dr Structure, Cleaning	4030290	10.000	Ea

1090	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
1100	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
1110	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
1120	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
1130	_ Dr Structure Cover, Type B, Special	4037050	2.000	Ea
1140	_ Dr Structure, Cover, Type D, Modified	4037050	17.000	Ea
1150	Underdrain, Subbase, 6 inch	4040063	17,330.000	Ft
1160	Underdrain, Subgrade, 6 inch	4040073	1,200.000	Ft
1170	Underdrain Outlet, 6 inch	4040093	200.000	Ft
1180	Pavt, Cleaning	5010001	1.000	LSUM
1190	Cold Milling HMA Surface	5010002	31,789.000	Syd
1200	Bump Grinding	5010004	800.000	Syd
1210	HMA Surface, Rem	5010005	37,376.000	Syd
1220	HMA Quality Initiative	5010007	36,748.000	Dlr
1230	Pavt for Butt Joints, Rem	5010008	1,000.000	Syd
1240	Longitudinal Joint Density Quality Initiative	5010018	41,240.000	Dlr
1250	Pavt Joint and Crack Repr, Det 7	5010020	3,315.000	Ft
1260	Pavt Joint and Crack Repr, Det 8	5010021	1,990.000	Ft
1270	Hand Patching	5010025	390.000	Ton
1280	HMA, 3E10	5010046	6,171.000	Ton
1290	HMA, 5E1	5010056	1,866.000	Ton
1300	HMA, 5E10	5010058	396.000	Ton
1310	HMA Approach	5010061	1,357.000	Ton
1320	HMA, 4E10, High Stress	5010510	6,532.000	Ton
1330	HMA, 5E1, High Stress	5010514	756.000	Ton
1340	HMA Approach, High Stress	5010520	931.000	Ton
1350	Pavt Repr, Rem	6030080	429.000	Syd
1360	_ Pedestrian Path, Temp	8007001	1,370.000	Ft
1370	_ Cluster Mailbox	8007050	3.000	Ea
1380	_ Cluster Mailbox, Rem	8007050	3.000	Ea
1390	_ HAZWOPER 40 hour Training, MDOT personnel	8007050	3.000	Ea
1400	_ Maintaining Water Sprinkler System	8007050	1.000	Ea
1410	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
1420	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
1430	_ Roadside Unit, Intersection	8007050	1.000	Ea
1440	_ Sanitary Sewer Lead	8007050	10.000	Ea
1450	_ Sanitary Sewer Lead Conflict	8007050	10.000	Ea
1460	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8007051	1.000	LSUM
1470	Driveway, Nonreinf Conc, 6 inch	8010005	955.000	Syd
1480	Driveway, Nonreinf Conc, 8 inch	8010007	1,908.000	Syd
1490	Curb and Gutter, Conc, Det F4	8020038	39.000	Ft
1500	Curb and Gutter, Conc, Det F5	8020039	1,306.000	Ft
1510	Curb and Gutter, Conc, Det F6	8020040	10,943.000	Ft
1520	Driveway Opening, Conc, Det M	8020050	1,736.000	Ft

1530	Curb Ramp Opening, Conc	8030030	480.000	Ft
1540	Sidewalk Ramp, Conc, 6 inch	8030036	2,731.000	Sft
1550	Sidewalk, Conc, 4 inch	8030044	47,541.000	Sft
1560	Sidewalk, Conc, 6 inch	8030046	4,338.000	Sft
1570	Sidewalk, Conc, 8 inch	8030048	6,020.000	Sft
1580	_ Detectable Warning Surface, Cast Iron	8037001	208.000	Ft
1590	_ Decorative Conc, Surface, 6 inch	8037010	420.000	Sft
1600	Curb Sloped, HMA	8050010	60.000	Ft
1610	Post, Mailbox	8070095	32.000	Ea
1620	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	2.000	Ea
1630	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	3,868.000	Ft
1640	Delineator Reflector, Green	8100133	26.000	Ea
1650	Fdn, Wood Support, Rem	8100280	4.000	Ea
1660	Installing MDOT Supplied Sign, Type III	8100302	6.000	Ea
1670	Post, Steel, 3 lb	8100371	1,655.000	Ft
1680	Post, Wood, 4 inch by 6 inch	8100380	206.000	Ft
1690	Sign, Type II, Erect, Salv	8100396	4.000	Ea
1700	Sign, Type II, Rem	8100397	10.000	Ea
1710	Sign, Type IIA	8100398	126.000	Sft
1720	Sign, Type III, Erect, Salv	8100402	27.000	Ea
1730	Sign, Type III, Rem	8100403	136.000	Ea
1740	Sign, Type IIIA	8100404	141.000	Sft
1750	Sign, Type IIIB	8100405	351.000	Sft
1760	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
1770	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	122.000	Ft
1780	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
1790	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
1800	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
1810	Pavt Mrkg, Polyurea, 4 inch, White	8110091	627.000	Ft
1820	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	17,982.000	Ft
1830	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	405.000	Ft
1840	Pavt Mrkg, Polyurea, 6 inch, White	8110094	908.000	Ft
1850	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	144.000	Ft
1860	Pavt Mrkg, Polyurea, 12 inch, White	8110111	120.000	Ft
1870	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	101.000	Ft
1880	Pavt Mrkg, Waterborne, 4 inch, White	8110231	586.000	Ft
1890	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,532.000	Ft
1900	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,882.000	Ft
1910	Rem Spec Mrkg	8110343	530.000	Sft
1920	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
1930	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
1940	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	4.000	Ea
1950	Recessing Pavt Mrkg, Longit	8110450	19,517.000	Ft
1960	Recessing Pavt Mrkg, Transv	8110451	1,461.000	Sft

1970	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	110.000	Ea
1980	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	110.000	Ea
1990	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
2000	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	670.000	Ea
2010	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	670.000	Ea
2020	Delineator, Flexible, Temp, Furn	8120091	40.000	Ea
2030	Delineator, Flexible, Temp, Oper	8120092	40.000	Ea
2040	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
2050	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
2060	Minor Traf Devices	8120170	1.000	LSUM
2070	Part Width Intersection Construction	8120190	5.000	Ea
2080	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	17,440.000	Ft
2090	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	490.000	Ft
2100	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	260.000	Ft
2110	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	10.000	Ea
2120	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	4.000	Ea
2130	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	14,530.000	Ft
2140	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	30,350.000	Ft
2150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,740.000	Ft
2160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	29,210.000	Ft
2170	Plastic Drum, Fluorescent, Furn	8120252	160.000	Ea
2180	Plastic Drum, Fluorescent, Oper	8120253	160.000	Ea
2190	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	490.000	Ft
2200	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
2210	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	4.000	Ea
2220	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	230.000	Ft
2230	Sign Cover	8120310	100.000	Ea
2240	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
2250	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
2260	Sign, Type A, Temp, Prismatic, Furn	8120340	560.000	Sft
2270	Sign, Type A, Temp, Prismatic, Oper	8120341	560.000	Sft
2280	Sign, Type B, Temp, Prismatic, Furn	8120350	3,750.000	Sft
2290	Sign, Type B, Temp, Prismatic, Oper	8120351	3,750.000	Sft
2300	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	840.000	Sft
2310	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	840.000	Sft
2320	Traf Regulator Control	8120370	1.000	LSUM
2330	_ Temp Rumble Strips (Orange)	8127001	1,390.000	Ft
2340	_ Pavt Mrkg, Type NR, Paint, Thru and Lt Turn Arrow	8127050	2.000	Ea
2350	_ Pavt Mrkg, Type NR, Paint, Thru and Rt Turn Arrow	8127050	4.000	Ea

2360	_ Pavt Mrkg, Type NR, Paint, Thru, Rt and Lt Turn Arrow	8127050	1.000	Ea
2370	_ Pavt Mrkg, Type NR, Paint, Wrong Way Arrow	8127050	20.000	Ea
2380	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Lt Turn Arrow	8127050	4.000	Ea
2390	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow	8127050	4.000	Ea
2400	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru, Rt and Lt Turn Arrow	8127050	2.000	Ea
2410	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Wrong Way Arrow	8127050	10.000	Ea
2420	Riprap, Plain	8130010	1,841.000	Syd
2430	Site Preparation, Max \$2,275.00	8150001	1.000	LSUM
2440	Watering and Cultivating, First Season, Min \$1,105.00	8150002	1.000	LSUM
2450	Watering and Cultivating, Second Season, Min \$1,365.00	8150003	1.000	LSUM
2460	Picea abies, 5 foot	8152741	7.000	Ea
2470	Picea omorika, 5 foot	8152787	7.000	Ea
2480	Pinus strobus, 5 foot	8152870	5.000	Ea
2490	Quercus macrocarpa, 1 1/2 inch	8153083	5.000	Ea
2500	Mulch Blanket	8160027	7,500.000	Syd
2510	_ Slope Restoration, Bonded Fiber Matrix	8167011	27,165.000	Syd
2520	_ Turf Establishment, Performance	8167011	60,373.000	Syd
2530	Conduit, DB, 1, 1 1/2 inch	8190027	60.000	Ft
2540	Conduit, DB, 1, 3 inch	8190029	54.000	Ft
2550	Conduit, DB, 3, 3 inch	8190035	30.000	Ft
2560	Conduit, DB, 4, 3 inch	8190038	7.000	Ft
2570	Hh, Round, 3 foot dia	8190259	1.000	Ea
2580	Hh, Round	8190260	4.000	Ea
2590	Cable, Sec, 600V, 1, 3/C#6	8190399	75.000	Ft
2600	Case Sign, Rem	8200020	2.000	Ea
2610	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea
2620	Controller and Cabinet, Rem	8200030	2.000	Ea
2630	Controller Fdn, Base Mount	8200045	1.000	Ea
2640	Fdn, Rem	8200065	1.000	Ea
2650	Flash Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
2660	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2670	Pedestal, Alum	8200100	1.000	Ea
2680	Pedestal, Fdn	8200105	1.000	Ea
2690	Pushbutton and Sign	8200121	2.000	Ea
2700	Serv Disconnect	8200135	2.000	Ea
2710	Serv Disconnect, Rem	8200136	2.000	Ea
2720	Span Wire	8200140	5.000	Ea
2730	Span Wire, Rem	8200141	2.000	Ea
2740	Span Wire Tether	8200142	2.000	Ea
2750	Steel Pole, Rem	8200145	1.000	Ea
2760	TS, Span Wire Mtd, Rem	8200182	4.000	Ea

2770	TS, Lens	8200247	8.000	Ea
2780	TS, Lens, Rem	8200248	8.000	Ea
2790	TS, Three Way Span Wire Mtd, One Sect (LED)	8200292	2.000	Ea
2800	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
2810	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
2820	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
2830	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
2840	Wireless Vehicle Detection System	8200422	1.000	Ea
2850	Wireless Vehicle Sensor Node	8200425	12.000	Ea
2860	TS Face, Bag	8200458	39.000	Ea
2870	TS Face, Bag, Rem	8200459	39.000	Ea
2880	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
2890	Strain Pole Fdn, 6 Bolt	8200470	58.000	Ft
2900	Casing	8200480	44.000	Ft
2910	Cellular Modem, TS, 4G	8200498	1.000	Ea
2920	Backplate, TS	8200501	4.000	Ea
2930	_ Cabinet, NEMA Type	8207050	1.000	Ea
2940	_ Controller, NEMA ATC Type	8207050	1.000	Ea
2950	Monument Preservation	8210010	6.000	Ea
2960	Protect Corners	8210020	11.000	Ea
2970	Centerline Corrugations, Milled, HMA	8220013	4,800.000	Ft
2980	Fire Hydrant	8230040	4.000	Ea
2990	Gate Valve and Box, 6 inch	8230051	4.000	Ea
3000	Gate Valve and Box, 8 inch	8230052	2.000	Ea
3010	Hydrant, Relocate, Case 2	8230096	2.000	Ea
3020	Water Main, DI, 6 inch, Tr Det G	8230151	76.000	Ft
3030	Water Main, DI, 8 inch, Tr Det G	8230156	1,752.000	Ft
3040	Water Serv	8230240	7.000	Ea
3050	Water Serv, Long	8230245	14.000	Ea
3060	Water Serv, Conflict	8230250	30.000	Ea
3070	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
3080	Water Shutoff, Adj, Case 2	8230422	9.000	Ea
3090	Gate Box, Adj, Case 1	8230431	5.000	Ea
3100	Gate Box, Adj, Case 2	8230432	11.000	Ea
3110	Polyethylene Encasement	8230440	1,848.000	Ft
3120	_ Hydrant, Adj	8237050	2.000	Ea
3130	_ Live Tap, 8 inch by 8 inch	8237050	1.000	Ea
3140	_ Water Main Conflict, 12 inch	8237050	2.000	Ea
3150	_ Water Main Conflict, 8 inch	8237050	5.000	Ea
3160	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3170	Lightning Protection, Pole	8260021	1.000	Ea
3180	Flowable Fill, Non-Structural	8260148	64.000	Cyd



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 029**Letting Date:** February 1, 2019**Contract ID:** 82062-204118-2

Description: 8.69 mi of joint and crack repair, Detail 7, and pavement markings on M-1 (Woodward Avenue) from M-102 (8 Mile Road) to Tuxedo Street and on US-12 (Michigan Avenue) from I-94 to Rosa Parks Boulevard in the cities of Detroit and Highland Park, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204118A	1801031	N/A	NH 82062

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$324,800.00	1500001	1.000	LSUM
0020	HMA Quality Initiative	5010007	23,512.000	Dlr
0030	Hand Patching	5010025	11,756.000	Ton
0040	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	303,945.000	Ft
0050	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	7,589.000	Ft
0060	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	140.000	Ft
0070	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	100.000	Ft
0080	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,690.000	Ft
0090	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	4,247.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	59,265.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	81,808.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	3,490.000	Ft
0130	Rem Spec Mrkg	8110343	3,407.000	Sft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	28.000	Ea
0160	Pavt Mrkg, Polyurea, Only	8110410	33.000	Ea
0170	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	7.000	Ea
0180	Pavt Mrkg, Polyurea, School	8110414	6.000	Ea
0190	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	2.000	Ea
0200	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0250	Ltg for Night Work	8120160	1.000	LSUM
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Mobile Attenuator	8120180	2.000	Ea
0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	51,433.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	66,370.000	Ft
0300	Plastic Drum, Fluorescent, Furn	8120252	504.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	504.000	Ea
0320	Sign Cover	8120310	20.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0340	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	912.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	912.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 030

Letting Date: February 1, 2019

Contract ID: 52041-201166

Description: 10.43 mi of hot mix asphalt overlay, detail 7 and 8 joint repair, gravel shoulders, berm grading, guardrail, centerline and shoulder corrugations and pavement markings on US-41/M-28 from east of County Road FAA to west of Westwood Drive, Marquette County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201166A	1900230	N/A	NH 52041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$275,000.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	75.000	Sta
0030	Approach, CI II	3070021	260.000	Ton
0040	Shoulder, CI II	3070121	2,657.000	Ton
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	Cold Milling HMA Surface	5010002	8,850.000	Syd
0070	HMA Quality Initiative	5010007	49,036.000	Dlr
0080	Pavt for Butt Joints, Rem	5010008	8,718.000	Syd
0090	Longitudinal Joint Density Quality Initiative	5010018	191,087.000	Dlr
0100	Pavt Joint and Crack Repr, Det 7	5010020	5,500.000	Ft
0110	Pavt Joint and Crack Repr, Det 8	5010021	2,420.000	Ft
0120	Hand Patching	5010025	900.000	Ton
0130	HMA, 5E3	5010057	14,866.000	Ton
0140	HMA Approach	5010061	150.000	Ton
0150	HMA, LVSP	5010703	8,602.000	Ton
0160	Guardrail, Type B	8070000	200.000	Ft
0170	Guardrail Reflector	8070080	10.000	Ea
0180	Guardrail Height, Adj	8070100	500.000	Ft
0190	Guardrail, Reconst, Type B	8070105	500.000	Ft
0200	Fdn, Wood Support, Rem	8100280	1.000	Ea
0210	Post, Wood, 4 inch by 6 inch	8100380	16.000	Ft
0220	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0230	Sign, Type III, Rem	8100403	1.000	Ea
0240	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	6.000	Ea
0250	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	168.000	Ft
0260	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	96.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,100.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	53,000.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, White	8110233	108,000.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,100.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	53,000.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	108,000.000	Ft
0330	Rem Spec Mrkg	8110343	760.000	Sft
0340	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0350	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	10.000	Ea
0360	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0370	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0380	Recessing Pavt Mrkg, Longit	8110450	113,100.000	Ft
0390	Protective Ovly, Snowmobile Trail Crossing	8110550	210.000	Syd
0400	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,290.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,460.000	Ft
0450	Plastic Drum, Fluorescent, Furn	8120252	570.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	570.000	Ea
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0480	Sign Cover	8120310	12.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	1,908.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	1,908.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	Fertilizer, Chemical Nutrient, CI A	8160020	236.000	Lb
0530	Mulch	8160025	3,350.000	Syd
0540	Mulch Anchoring	8160026	3,350.000	Syd
0550	Mulch Blanket	8160027	1,032.000	Syd
0560	Mulch Blanket, High Velocity	8160028	835.000	Syd
0570	Seeding, Mixture THV	8160040	227.000	Lb
0580	Monument Box Adjust	8210005	7.000	Ea
0590	Protect Corners	8210020	7.000	Ea
0600	Centerline Corrugations, Milled, HMA	8220013	47,200.000	Ft
0610	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	108,000.000	Ft
0620	Contractor Staking, Road Only	8240007	1.000	LSUM
0630	Staking Plan Errors and Extras, One Person	8240020	22.000	Hr
0640	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
0650	Staking Plan Errors and Extras, Three Person	8240022	13.000	Hr
0660	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190201 031

Letting Date: February 1, 2019

Contract ID: 66031-203982

Description: 21.44 mi of double chip seal, warranty, overband crackfill, lane, berm grading, gravel shoulders and pavement markings on US-45 from the Gogebic/Ontonagon county line north to the Baltimore River, Ontonagon County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203982A	1900226	N/A	GF19 66031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$210,500.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	80.000	Sta
0030	Shoulder, CI II	3070121	17,000.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Hand Patching	5010025	200.000	Ton
0060	Overband Crack Fill, Lane	5020003	43.000	Lnmi
0070	Chip Seal, Double, Warranty	5050020	377,000.000	Syd
0080	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	46.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	200.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	64,200.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	221,500.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	200.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	64,200.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	221,500.000	Ft
0150	Rem Spec Mrkg	8110343	1,098.000	Sft
0160	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0170	Pavt Mrkg, Thermopl, Rumble Strip	8110470	650.000	Ft
0180	Protective Ovly, Snowmobile Trail Crossing	8110550	122.000	Syd
0190	_ Traffic Control	8127051	1.000	LSUM
0200	Fertilizer, Chemical Nutrient, CI A	8160020	64.000	Lb
0210	Mulch	8160025	1,350.000	Syd
0220	Mulch Anchoring	8160026	1,350.000	Syd
0230	Seeding, Mixture THV	8160040	62.000	Lb
0240	Monument Box Adjust	8210005	5.000	Ea
0250	Protect Corners	8210020	65.000	Ea
0260	Contractor Staking	8240001	1.000	LSUM
0270	Staking Plan Errors and Extras, One Person	8240020	18.000	Hr

0280	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
0290	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190201 032

Letting Date: February 1, 2019

Contract ID: 49131-201209

Description: 21.50 mi of overband crack fill, double chip seal, fog seal, shoulder aggregate, culvert replacement, centerline corrugations and pavement markings on M-123 from Mackinac Trail northerly to H-40, Mackinac and Chippewa Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201209A	1900237	N/A	ST 49131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$210,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Pavt, Rem	2040050	63.000	Syd
0040	Erosion Control, Silt Fence	2080036	100.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0060	Subbase, CIP	3010002	21.000	Cyd
0070	Aggregate Base	3020001	27.000	Ton
0080	Shoulder, CI II	3070121	1,290.000	Ton
0090	Culv End Sect, 18 inch	4010018	2.000	Ea
0100	Culv, CI A, 18 inch	4010133	56.000	Ft
0110	Trench Undercut and Backfill	4021260	10.000	Cyd
0120	Pavt, Cleaning	5010001	1.000	LSUM
0130	HMA, LVSP	5010703	62.000	Ton
0140	Overband Crack Fill, Lane	5020003	43.000	Lnmi
0150	Chip Seal, Double, Warranty	5050020	398,860.000	Syd
0160	_ Seal, Fog	5057011	398,860.000	Syd
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	38,355.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	227,148.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	38,355.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	227,148.000	Ft
0210	Protective Ovly, Snowmobile Trail Crossing	8110550	178.000	Syd
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	191.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	191.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	2,428.000	Ea

0280	Sign Cover	8120310	10.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	2,333.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	2,333.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Riprap, Plain	8130010	5.000	Syd
0330	Slope Restoration, Type B	8160101	78.000	Syd
0340	Monument Box	8210001	1.000	Ea
0350	Monument Box Adjust	8210005	16.000	Ea
0360	Monument Preservation	8210010	1.000	Ea
0370	Protect Corners	8210020	17.000	Ea
0380	Centerline Corrugations, Milled, HMA	8220013	113,335.000	Ft
0390	Contractor Staking, Road Only	8240007	1.000	LSUM
0400	Staking Plan Errors and Extras, One Person	8240020	24.000	Hr
0410	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
0420	Staking Plan Errors and Extras, Three Person	8240022	15.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190201 033

Letting Date: February 1, 2019

Contract ID: 15071-204269

Description: 3.02 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk ramp and pavement markings on M-75 from east of Air Industrial Park to west of Old State Road, Charlevoix County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204269A	1900231	N/A	ST 15071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$85,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	725.000	Ft
0030	Pavt, Rem	2040050	25.000	Syd
0040	Sidewalk, Rem	2040055	400.000	Syd
0050	Machine Grading	2050030	6.000	Sta
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	90.000	Ea
0070	Approach, CI I	3070001	200.000	Ton
0080	Shoulder, CI II	3070121	110.000	Ton
0090	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0100	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0110	Dr Structure Cover, Type K	4030050	2.000	Ea
0120	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0130	Cold Milling HMA Surface	5010002	63,500.000	Syd
0140	HMA Surface, Rem	5010005	925.000	Syd
0150	HMA Quality Initiative	5010007	11,800.000	Dlr
0160	Longitudinal Joint Density Quality Initiative	5010018	33,500.000	Dlr
0170	Hand Patching	5010025	300.000	Ton
0180	HMA Approach	5010061	180.000	Ton
0190	HMA, LVSP	5010703	5,400.000	Ton
0200	_ Sidewalk, Wood, Temp	8007001	300.000	Ft
0210	Curb and Gutter, Conc, Det F6	8020040	175.000	Ft
0220	Detectable Warning Surface	8030010	60.000	Ft
0230	Curb Ramp Opening, Conc	8030030	550.000	Ft
0240	Sidewalk Ramp, Conc, 4 inch	8030034	3,300.000	Sft
0250	_ Detectable Warning Surface, Cast Iron	8037001	220.000	Ft
0260	_ Sidewalk, Brickwork, Rem	8037010	110.000	Sft
0270	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0310	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	770.000	Ft
0320	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	110.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, White	8110231	550.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,800.000	Ft
0350	Pavt Mrkg, Waterborne, 6 inch, White	8110233	28,400.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	550.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	17,800.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	28,400.000	Ft
0390	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0400	Recessing Pavt Mrkg, Longit	8110450	46,750.000	Ft
0410	Recessing Pavt Mrkg, Transv	8110451	4,840.000	Sft
0420	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0430	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0440	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	200.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,000.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	110.000	Ft
0510	Sign Cover	8120310	10.000	Ea
0520	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0530	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	1,464.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	1,464.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	60.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	60.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Fertilizer, Chemical Nutrient, CI A	8160020	17.000	Lb
0600	Mulch Blanket	8160027	350.000	Syd
0610	Seeding, Mixture TDS	8160037	16.000	Lb
0620	Topsoil Surface, Furn, 4 inch	8160062	350.000	Syd
0630	Monument Box Adjust	8210005	2.000	Ea
0640	Water Shutoff, Adj, Case 2	8230422	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190201 034**Letting Date:** February 1, 2019**Contract ID:** 25072-201268**Description:** Traffic signal modernization and sidewalk ramp upgrades at three locations on M-54 (Dort Highway) from Court Street to Leith Street in the city of Flint, Genesee County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201268A	1900238	N/A	CMG 25072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$65,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	258.000	Ft
0030	Curb, Rem	2040021	125.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0050	Pavt, Rem	2040050	50.000	Syd
0060	Sidewalk, Rem	2040055	150.000	Syd
0070	Exploratory Investigation, Vertical	2040080	120.000	Ft
0080	Embankment, CIP	2050010	11.000	Cyd
0090	Excavation, Earth	2050016	39.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	8.000	Cyd
0130	Aggregate Base, 4 inch	3020010	321.000	Syd
0140	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0150	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0160	HMA Surface, Rem	5010005	68.000	Syd
0170	Hand Patching	5010025	13.000	Ton
0180	Conc Base Cse, Nonreinf, 7 inch	6020017	34.000	Syd
0190	Lane Tie, Epoxy Anchored	6030030	172.000	Ea
0200	_ Pedestrian Path, Temp	8007001	240.000	Ft
0210	_ HAZWOPER 40 Hour Training, MDOT personnel	8007050	1.000	Ea
0220	_ Pedestrian Ramp, Temp	8007050	12.000	Ea
0230	_ Roadside Unit, Intersection	8007050	3.000	Ea
0240	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8007051	1.000	LSUM
0250	Detectable Warning Surface	8030010	119.000	Ft
0260	Curb Ramp Opening, Conc	8030030	258.000	Ft
0270	Sidewalk Ramp, Conc, 4 inch	8030034	280.000	Sft

0280	Sidewalk Ramp, Conc, 7 inch	8030037	1,160.000	Sft
0290	Sidewalk, Conc, 4 inch	8030044	520.000	Sft
0300	Fence, Protective	8080007	100.000	Ft
0310	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,400.000	Ft
0320	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	168.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, White	8110231	30.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	45.000	Ft
0350	Rem Spec Mrkg	8110343	316.000	Sft
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	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0390	Pedestrian Type II Channelizer, Temp	8120027	50.000	Ft
0400	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,420.000	Ft
0460	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0470	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0480	Sign Cover	8120310	6.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0500	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0510	Sign, Type A, Temp, Prismatic, Furn	8120340	140.000	Sft
0520	Sign, Type A, Temp, Prismatic, Oper	8120341	140.000	Sft
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	2,155.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	2,155.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	_ Turf Establishment, Performance	8167011	117.000	Syd
0570	Cable Pole, TS, Dismant	8190010	6.000	Ea
0580	Conduit, DB, 1, 1 1/2 inch	8190027	310.000	Ft
0590	Conduit, DB, 1, 3 inch	8190029	35.000	Ft
0600	Conduit, DB, 3, 3 inch	8190035	125.000	Ft
0610	Conduit, DB, 4, 3 inch	8190038	30.000	Ft
0620	Conduit, Rem	8190140	105.000	Ft
0630	Hh, Polymer Conc	8190250	6.000	Ea
0640	Hh, Rem	8190254	8.000	Ea
0650	Hh, Round, 3 foot dia	8190259	3.000	Ea
0660	Hh, Round	8190260	11.000	Ea
0670	Cable, Sec, 600V, 1, 3/C#6	8190399	750.000	Ft
0680	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0690	Wood Pole, Rem	8190505	3.000	Ea

0700	Conduit, Directional Bore, 1, 3 inch	8190602	40.000	Ft
0710	Conduit, Directional Bore, 2, 3 inch	8190604	295.000	Ft
0720	_ Conduit, DB, 1, 1 inch	8197001	60.000	Ft
0730	Case Sign, Rem	8200020	3.000	Ea
0740	Conduit Repr, Under Pavt	8200027	50.000	Ft
0750	Conduit Repr, Under Sidewalk or Earth	8200028	50.000	Ft
0760	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea
0770	Controller and Cabinet, Rem	8200030	3.000	Ea
0780	Controller Fdn, Base Mount	8200045	3.000	Ea
0790	Controller Fdn, Rem	8200046	1.000	Ea
0800	Global Positioning System Module	8200050	3.000	Ea
0810	Fdn, Rem	8200065	1.000	Ea
0820	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	3.000	Ea
0830	Pedestal, Alum	8200100	7.000	Ea
0840	Pedestal, Fdn	8200105	9.000	Ea
0850	Pedestal Fdn, Rem	8200106	3.000	Ea
0860	Pedestal, Rem	8200110	2.000	Ea
0870	Power Co. (Est. Cost to Contractor)	8200116	1,736.000	Dlr
0880	Pushbutton and Sign	8200121	14.000	Ea
0890	Pushbutton, Rem	8200122	10.000	Ea
0900	Pushbutton Pedestal, Alum	8200123	2.000	Ea
0910	Pushbutton Pedestal, Rem	8200124	1.000	Ea
0920	Riser	8200125	4.000	Ea
0930	Serv Disconnect	8200135	3.000	Ea
0940	Serv Disconnect, Rem	8200136	3.000	Ea
0950	Span Wire	8200140	11.000	Ea
0960	Span Wire, Rem	8200141	4.000	Ea
0970	Span Wire Tether	8200142	7.000	Ea
0980	Steel Pole, Rem	8200145	1.000	Ea
0990	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1000	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	9.000	Ea
1010	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1020	TS, Span Wire Mtd, Rem	8200182	11.000	Ea
1030	Cabinet, NEMA Type	8200186	3.000	Ea
1040	TS, One Way Span Wire Mtd (LED)	8200313	22.000	Ea
1050	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
1060	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
1070	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
1080	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1090	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
1100	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
1110	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	4.000	Ea

1120	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
1130	Hemispherical Video Detection Camera	8200444	1.000	Ea
1140	Hemispherical Video Detection System	8200445	1.000	Ea
1150	Strain Pole, Steel, 6 bolt, 30 foot	8200460	7.000	Ea
1160	Strain Pole, Steel, 6 bolt, 36 foot	8200461	3.000	Ea
1170	Strain Pole, Steel, 6 bolt, 40 foot	8200462	2.000	Ea
1180	Strain Pole Fdn, 6 Bolt	8200470	191.000	Ft
1190	Casing	8200480	149.000	Ft
1200	Cellular Modem, TS, 4G	8200498	3.000	Ea
1210	Backplate, TS	8200501	17.000	Ea
1220	Radar Vehicle Presence Stop-Bar Detector System	8200510	2.000	Ea
1230	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	3.000	Ea
1240	_ Controller, NEMA ATC Type	8207050	3.000	Ea
1250	Contractor Staking, Road Only	8240007	1.000	LSUM
1260	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
1270	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
1280	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
1290	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1300	Lightning Protection, Pole	8260021	3.000	Ea
1310	_ Managed Field Ethernet Switch, Fiber Capable	8267050	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 035

Letting Date: February 1, 2019

Contract ID: 28021-203978

Description: 6.35 mi of micro surface, chip seal and fog seal on M-113 from east of Whipple Street to west of Vans Lane, Grand Traverse County. This project includes two 2 year pavement performance warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203978A	1900225	N/A	ST 28021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$54,700.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	3,475.000	Ton
0030	Micro-Surface, Warranty	5040030	35,279.000	Syd
0040	Chip Seal, Single, Warranty	5050040	98,226.000	Syd
0050	_ Seal, Fog	5057011	98,226.000	Syd
0060	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	180.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	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, 12 inch, Crosswalk	8110110	416.000	Ft
0120	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	130.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,100.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	52,300.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	66,500.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,100.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	52,300.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	66,500.000	Ft
0190	Rem Spec Mrkg	8110343	2,000.000	Sft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	33,700.000	Ft
0220	Plastic Drum, Fluorescent, Furn	8120252	9.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	9.000	Ea
0240	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0250	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0260	_ Traffic Control	8127051	1.000	LSUM
0270	_ Railroad Protection, at Grade Crossing	8507060	8,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190201 036

Letting Date: February 1, 2019

Contract ID: 82251-203493

Description: Replacement of fascia beam, partial deck, partial joint and diaphragm on Warren Avenue over I-75 in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203493A	N/A	N/A	MER 82251

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$32,300.00	1500001	1.000	LSUM
0020	Bridge Sign Connection, Steel, Type A1	8100060	2.000	Ea
0030	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
0040	Bridge Sign Connection, Steel, Type G	8100066	1.000	Ea
0050	Sign, Type IA	8100392	438.000	Sft
0060	Sign, Type IIA	8100398	16.000	Sft
0070	Sign, Type IIB	8100399	16.000	Sft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	39.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	39.000	Ea
0100	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0110	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0120	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0130	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0140	Conc Barrier, Temp, Furn	8120081	360.000	Ft
0150	Conc Barrier, Temp, Oper	8120082	360.000	Ft
0160	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0170	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
0200	Ltg for Night Work	8120160	1.000	LSUM
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Mobile Attenuator	8120180	2.000	Ea
0230	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
0250	Sign Cover	8120310	13.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea

0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0300	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	29.000	Sft
0310	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	29.000	Sft
0320	Contractor Staking	8240001	1.000	LSUM
0330	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0340	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0350	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Section: 2

0360	Structures, Rem Portions (S16 of 82251)	2040061	1.000	LSUM
0370	Bridge Ltg, Furn and Rem (S16 of 82251)	7060001	1.000	LSUM
0380	Bridge Ltg, Oper and Maintain	7060002	14.000	Cyd
0390	Expansion Joint Device	7060050	12.000	Ft
0400	False Decking	7060060	715.000	Sft
0410	Reinforcement, Steel, Epoxy Coated	7060092	6,031.000	Lb
0420	Superstructure Conc, Form, Finish, and Cure, Night Casting (S16 of 82251)	7060112	1.000	LSUM
0430	Superstructure Conc, Night Casting, High Performance	7060117	14.000	Cyd
0440	Bearing, Elastomeric, 1 3/4 inch	7070015	144.000	Sin
0450	Bearing, Elastomeric, 2 1/4 inch	7070017	133.000	Sin
0460	Shear Developers (S16 of 82251)	7070040	1.000	LSUM
0470	Structural Steel, Rolled Shape, Erect	7070070	12,063.000	Lb
0480	Structural Steel, Rolled Shape, Furn and Fab	7070071	12,063.000	Lb
0490	Conc Surface Coating (S16 of 82251)	7100010	1.000	LSUM
0500	Substructure Horizontal Surface Sealer (S16 of 82251)	7100030	3.000	Syd
0510	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	78.000	Ft
0520	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	4.000	Ea
0530	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
0540	Reinforcement, Mechanical Splice	7120084	198.000	Ea
0550	Beam Plate, Seal Perimeter	7130010	173.000	Ft
0560	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	288.000	Lb
0570	Field Repair of Damaged Coating (S16 of 82251)	7160001	1.000	LSUM
0580	_ Ornamental Fence, Place	8087001	90.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 037

Letting Date: February 1, 2019

Contract ID: 69023-203023

Description: Pavement markings on various routes, Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon and Wexford Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203023A	1900219	N/A	HSIP 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,800.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	4.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	799.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,100.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	999.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	15.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	20.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	39.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	15.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	241.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	12.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	26.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	166.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, School	8110074	48.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	8.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	5.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0200	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	9,576.000	Ft
0210	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	10,000.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	7,174.000	Ft
0230	Rem Spec Mrkg	8110343	23,585.000	Sft
0240	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea

0250	Protective Ovly, Snowmobile Trail Crossing	8110550	683.000	Syd
0260	_ Scarification, for Polyurea Spec Mrkg	8117010	35,340.000	Sft
0270	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 038

Letting Date: February 1, 2019

Contract ID: 22051-131808-2

Description: 0.94 mi of overband crack fill, fog seal, joint repairs, aggregate shoulders and pavement markings on US-8 from north of the Michigan/Wisconsin state line northerly to south of Fairview Drive, Dickinson County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131808A	1801119	N/A	ST 22051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	120.000	Ton
0030	Overband Crack Fill, Lane	5020003	1.880	Lnmi
0040	_ Asphalt Repair Mastic	5027001	4,818.000	Ft
0050	_ Seal, Fog	5057011	9,454.000	Syd
0060	Joint, Contraction, Cp	6020200	142.000	Ft
0070	Conc Quality Initiative	6020401	1,610.000	Dlr
0080	Joint, Contraction, Crg	6030020	192.000	Ft
0090	Joint, Expansion, Erg	6030021	48.000	Ft
0100	Lane Tie, Epoxy Anchored	6030030	12.000	Ea
0110	Pavt Repr, Nonreinf Conc, 10 inch	6030048	112.000	Syd
0120	Pavt Repr, Rem	6030080	112.000	Syd
0130	Saw Cut, Intermediate	6030090	60.000	Ft
0140	Resealing Trans Joints with Hot-Poured Rubber	6030100	2,328.000	Ft
0150	Resealing Longit Joints with Hot-Poured Rubber	6030101	860.000	Ft
0160	_ Joint, Tied, 2.5 foot, Special	6037001	753.000	Ft
0170	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch, Special	6037011	210.000	Syd
0180	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	210.000	Syd
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,612.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,894.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,612.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	9,894.000	Ft
0230	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	837.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	168.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea

0270	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	892.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,424.000	Ft
0320	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0350	PTS System, Temp, Furn	8120270	1.000	Ea
0360	PTS System, Temp, Oper	8120271	1.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	419.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	419.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190201 039**Letting Date:** February 1, 2019**Contract ID:** 78239-125433-2**Description:** Runway 9-27 Rehabilitation and Airfield Signage upgrades at the Three Rivers Municipal, Dr. Haines Airport, city of Three Rivers, St. Joseph County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
125433A	B-26-0093-2318	N/A	FM 78239

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Misc. Project Survey & Stakeout	1007051	1.000	LSUM
0040	Pulverize Bituminous Pavement, Less Than 6" Thickness	1010235	44,500.000	Syd
0050	Remove Asphalt Pavement	1010245	1,400.000	Syd
0060	Misc. Remove and Stockpile Recycled Bituminous Aggregate Base Course	1017221	2,500.000	Cyd
0070	Bare Counterpoise Wire, #6, Solid, Installed	1080531	3,600.000	Lft
0080	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	4,800.000	Lft
0090	Plastic Conduit, 2", Direct Burial	1100614	3,500.000	Lft
0100	Misc. Airfield Electrical Junction Can, Non-Load Bearing	1157050	4.000	Ea
0110	Taxiway Guidance Sign, L858 (L), LED, 1 Module, Pad Mounted, Type, Size, and Style as Specified	1250705	3.000	Ea
0120	Taxiway Guidance Sign, L858 (L), LED, 2 Module, Pad Mounted, Type, Size, and Style as Specified	1250706	10.000	Ea
0130	Taxiway Guidance Sign, L858 (L), LED, 3 Module, Pad Mounted, Type, Size, and Style as Specified	1250707	5.000	Ea
0140	Taxiway Guidance Sign, L858 (L), LED, 4 Module, Pad Mounted, Type, Size, and Style as Specified	1250708	2.000	Ea
0150	Remove Guidance Sign	1250799	22.000	Ea
0160	Subgrade Undercutting	1520490	1,500.000	Cyd
0170	Misc. Undercut Replacement	1547021	1,500.000	Cyd
0180	Soil Erosion and Sedimentation Control	1560610	1.000	LSUM
0190	Misc. Erosion Control, Stabilized Construction Entrance	1567051	1.000	LSUM
0200	Misc. Bituminous Surface Course, MDOT 4E1	4037031	8,900.000	Ton
0210	Bituminous Prime Coat, Specified Asphalt	6020510	7,200.000	Gal
0220	Bituminous Tack Coat	6030510	7,200.000	Gal
0230	Joint Sealing Filler, Material as Specified	6050590	1,900.000	Lft

0240	Airport Pavement Marking, Solid, Black	6200517	3,500.000	Sft
0250	Airport Pavement Marking, 1/2 Rate, Solid, White	6200519	26,200.000	Sft
0260	Airport Pavement Marking, 1/2 Rate, Solid, Yellow	6200519	5,800.000	Sft
0270	Airport Pavement Marking, Solid, White, With Reflective Beads	6200534	28,700.000	Sft
0280	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	5,800.000	Sft
0290	Remove Airport Pavement Marking	6200540	12,000.000	Sft
0300	Misc. Utility Coordination - Electrical Investigation	8007060	10,000.000	Dlr
0310	Misc. Seeding with Mixture and Rate, as Specified	9017011	12,500.000	Syd
0320	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	200.000	Cyd
0330	Misc. Topsoil Restoration - Cut	9057021	100.000	Cyd
0340	Misc. Topsoil Restoration - Fill	9057021	250.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 190201 040**Letting Date:** February 1, 2019**Contract ID:** 04000-202875**Description:** 1.08 mi of hot mix asphalt surfacing, subbase, aggregate base and clearing on Herron Road north of M-32, Alpena County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202875A	1900154	N/A	HRRR 04000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,500.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	16.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Embankment, CIP	2050010	12,250.000	Cyd
0050	Excavation, Earth	2050016	1,790.000	Cyd
0060	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0070	_ Subbase, CIP, Modified	3017021	5,211.000	Cyd
0080	Aggregate Base, Conditioning	3020051	19.000	Sta
0090	_ Aggregate Base, Modified	3027031	4,851.000	Ton
0100	Approach, CI I	3070001	11.000	Ton
0110	Approach, CI II	3070021	74.000	Ton
0120	Shoulder, CI II	3070121	995.000	Ton
0130	_ Culv, CI E, 24 inch, Modified	4017001	64.000	Ft
0140	_ Culv, CI E, 36 inch, Modified	4017001	50.000	Ft
0150	_ Culv, CI F, CSP, 15 inch, Modified	4017001	152.000	Ft
0160	_ Culv, CI F, CSP, 24 inch, Modified	4017001	74.000	Ft
0170	HMA Surface, Rem	5010005	156.000	Syd
0180	HMA, 13A	5010033	3,320.000	Ton
0190	_ HMA Approach, Modified	5017031	16.000	Ton
0200	_ Post, Mailbox, Modified	8077050	7.000	Ea
0210	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0220	Sign, Type III, Rem	8100403	1.000	Ea
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,376.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,422.000	Ft
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	25.000	Ea

0280	Channelizing Device, 42 inch, Oper	8120031	25.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0330	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0340	_ Slope Restoration	8167011	20,000.000	Syd
0350	Monument Box	8210001	2.000	Ea
0360	Monument Preservation	8210010	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 041

Letting Date: February 1, 2019

Contract ID: 63000-203432

Description: 0.75 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, earthwork, drainage, signals and pavement markings on West 9 Mile Road from the west city limits of Farmington Hills to Middlebelt Road in the city of Farmington Hills, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203432A	1900206	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio Video Route Survey	1077051	1.000	LSUM
0020	Mobilization, Max \$122,800.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.300	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0070	_ Tree Trimming	2027002	10.000	Sta
0080	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	479.000	Ft
0100	Curb and Gutter, Rem	2040020	1,317.000	Ft
0110	Fence, Rem	2040025	35.000	Ft
0120	Pavt, Rem	2040050	188.000	Syd
0130	Sidewalk, Rem	2040055	391.000	Syd
0140	Exploratory Investigation, Vertical	2040080	100.000	Ft
0150	_ Sprinkler Relocate	2047050	50.000	Ea
0160	Embankment, CIP	2050010	1,000.000	Cyd
0170	Excavation, Earth	2050016	2,300.000	Cyd
0180	_ Subgrade Undercutting, 21AA	2057021	130.000	Cyd
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	60.000	Ea
0200	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0210	Project Cleanup	2090001	1.000	LSUM
0220	Aggregate Base, Conditioning	3020050	1,681.000	Syd
0230	_ Aggregate Base, 10 inch, 21AA, Modified	3027011	740.000	Syd
0240	_ Aggregate Base, 6 inch, 21AA, Modified	3027011	3,670.000	Syd
0250	Maintenance Gravel	3060020	1,000.000	Ton
0260	Sewer, CI E, 12 inch, Tr Det B	4020600	155.000	Ft
0270	Sewer, CI E, 15 inch, Tr Det B	4020601	64.000	Ft

0280	Sewer, CI E, 18 inch, Tr Det B	4020602	32.000	Ft
0290	Sewer Tap, 12 inch	4021204	4.000	Ea
0300	Sewer Tap, 15 inch	4021205	6.000	Ea
0310	Sewer Tap, 18 inch	4021206	2.000	Ea
0320	Video Taping Sewer and Culv Pipe	4021275	200.000	Ft
0330	_ HDPE, 12 inch, Special	4027001	160.000	Ft
0340	Dr Structure Cover, Adj, Case 1	4030005	52.000	Ea
0350	Dr Structure Cover, Adj, Case 2	4030006	27.000	Ea
0360	Dr Structure Cover, Type B	4030010	1.000	Ea
0370	Dr Structure Cover, Type E	4030035	1.000	Ea
0380	Dr Structure Cover, Type K	4030050	16.000	Ea
0390	Dr Structure, 24 inch dia	4030200	8.000	Ea
0400	Dr Structure, 48 inch dia	4030210	10.000	Ea
0410	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0420	Dr Structure, Tap, 12 inch	4030312	10.000	Ea
0430	Dr Structure, Temp Lowering	4030390	21.000	Ea
0440	_ Public Utility Structure, Adj, Add Depth	4037001	2.000	Ft
0450	_ Dr Structure, 12 inch dia, PVC, Special	4037050	9.000	Ea
0460	_ Public Utility Structure Cover, Adj, Case 1	4037050	11.000	Ea
0470	_ Public Utility Structure Cover, Adj, Case 2	4037050	1.000	Ea
0480	_ Public Utility Structure, Temp Lowering	4037050	11.000	Ea
0490	Underdrain, Subgrade, 6 inch	4040073	1,756.000	Ft
0500	Underdrain Outlet, 6 inch	4040093	302.000	Ft
0510	Pavt, Cleaning	5010001	1.000	LSUM
0520	Cold Milling HMA Surface	5010002	18,541.000	Syd
0530	HMA Surface, Rem	5010005	2,525.000	Syd
0540	Longitudinal Joint Density Quality Initiative	5010018	18,796.000	Dlr
0550	Pavt Joint and Crack Repr, Det 7	5010020	1,200.000	Ft
0560	Pavt Joint and Crack Repr, Det 8	5010021	600.000	Ft
0570	Hand Patching	5010025	405.000	Ton
0580	HMA, 4E3	5010051	1,960.000	Ton
0590	HMA, 5E3	5010057	1,823.000	Ton
0600	HMA Approach	5010061	522.000	Ton
0610	_ Conc Pavt, Misc, Nonreinf, 5.5 inch	6027011	99.000	Syd
0620	Cold Milling Conc Pavt	6030014	75.000	Syd
0630	Pavt Repr, Nonreinf Conc, 10 inch	6030048	23.000	Syd
0640	Pavt Repr, Rem	6030080	200.000	Syd
0650	Driveway, Nonreinf Conc, 6 inch	8010005	35.000	Syd
0660	Driveway, Nonreinf Conc, 8 inch	8010007	171.000	Syd
0670	Curb and Gutter, Conc, Det F4	8020038	4,070.000	Ft
0680	Driveway Opening, Conc, Det M	8020050	373.000	Ft
0690	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
0700	Spillway, Conc	8020075	7.000	Ft
0710	Detectable Warning Surface	8030010	307.000	Ft
0720	Curb Ramp Opening, Conc	8030030	533.000	Ft

0730	Sidewalk Ramp, Conc, 6 inch	8030036	3,918.000	Sft
0740	Sidewalk, Conc, 4 inch	8030044	8,408.000	Sft
0750	Sidewalk, Conc, 6 inch	8030046	3,988.000	Sft
0760	Post, Mailbox	8070095	11.000	Ea
0770	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0780	Post Hole Through Conc for Wood Post	8100341	5.000	Ea
0790	Post, Steel, 3 lb	8100371	474.000	Ft
0800	Post, Wood, 4 inch by 6 inch	8100380	52.000	Ft
0810	Sign, Type IIA	8100398	38.000	Sft
0820	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0830	Sign, Type III, Rem	8100403	39.000	Ea
0840	Sign, Type IIIA	8100404	79.000	Sft
0850	Sign, Type IIIB	8100405	116.000	Sft
0860	_ Street Sign Post	8107050	6.000	Ea
0870	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	381.000	Ft
0880	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	40.000	Ft
0890	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	99.000	Ft
0900	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0910	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0920	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0930	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,985.000	Ft
0940	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	8,810.000	Ft
0950	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	331.000	Ft
0960	Rem Raised Pavt Marker	8110332	88.000	Ea
0970	Rem Spec Mrkg	8110343	290.000	Sft
0980	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0990	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
1000	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
1010	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
1020	Channelizing Device, 42 inch, Furn	8120030	210.000	Ea
1030	Channelizing Device, 42 inch, Oper	8120031	210.000	Ea
1040	Minor Traf Devices	8120170	1.000	LSUM
1050	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	7,000.000	Ft
1060	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	90.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	8,000.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	18,200.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
1110	Plastic Drum, High Intensity, Furn	8120250	12.000	Ea
1120	Plastic Drum, High Intensity, Oper	8120251	12.000	Ea

1130	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	1.000	Ea
1140	Sign Cover	8120310	15.000	Ea
1150	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1160	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1170	Sign, Type A, Temp, Prismatic, Furn	8120340	150.000	Sft
1180	Sign, Type A, Temp, Prismatic, Oper	8120341	150.000	Sft
1190	Sign, Type B, Temp, Prismatic, Furn	8120350	983.000	Sft
1200	Sign, Type B, Temp, Prismatic, Oper	8120351	983.000	Sft
1210	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	359.000	Sft
1220	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	359.000	Sft
1230	Traf Regulator Control	8120370	1.000	LSUM
1240	_ Pedestrian Path, Temp	8127001	100.000	Ft
1250	_ Pedestrian Ramp, Temp	8127050	8.000	Ea
1260	_ Turf Establishment, Performance	8167011	5,056.000	Syd
1270	Cable, Sec, Rem	8190017	120.000	Ft
1280	Conduit, DB, 1, 1 1/4 inch	8190026	85.000	Ft
1290	Conduit, DB, 1, 3 inch	8190029	55.000	Ft
1300	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
1310	Hh, Rem	8190254	2.000	Ea
1320	Hh, Round	8190260	5.000	Ea
1330	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
1340	Case Sign, Rem	8200020	1.000	Ea
1350	Controller and Cabinet, Rem	8200030	1.000	Ea
1360	Global Positioning System Module	8200050	1.000	Ea
1370	Digital Loop Detector	8200055	1.000	Ea
1380	Fdn, Rem	8200065	1.000	Ea
1390	Pedestal Fdn, Rem	8200106	1.000	Ea
1400	Pedestal, Rem	8200110	1.000	Ea
1410	Power Co. (Est. Cost to Contractor)	8200116	2,473.000	Dlr
1420	Pushbutton and Sign	8200121	4.000	Ea
1430	Serv Disconnect	8200135	1.000	Ea
1440	Serv Disconnect, Rem	8200136	1.000	Ea
1450	Span Wire, Rem	8200141	1.000	Ea
1460	Steel Pole, Rem	8200145	1.000	Ea
1470	Traf Loop	8200170	3.000	Ea
1480	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
1490	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1500	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1510	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1520	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1530	TS Face, Bag	8200458	10.000	Ea
1540	TS Face, Bag, Rem	8200459	10.000	Ea
1550	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea

1560	Strain Pole Fdn, 6 Bolt	8200470	28.000	Ft
1570	Casing	8200480	20.000	Ft
1580	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	2.000	Ea
1590	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1600	_ Controller and Cabinet, Digital Type, RCOC	8207050	1.000	Ea
1610	_ Pushbutton Support Post, RCOC	8207050	4.000	Ea
1620	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1630	_ Tether Wire, Box, RCOC	8207050	1.000	Ea
1640	Monument Preservation	8210010	2.000	Ea
1650	Water Shutoff, Adj, Temp, Case 1	8230381	10.000	Ea
1660	Water Shutoff, Adj, Temp, Case 2	8230382	10.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 042

Letting Date: February 1, 2019

Contract ID: 25000-130642

Description: 0.54 mi of hot mix asphalt cold milling and resurfacing, pavement, joint and crack repairs, concrete curb and gutter, sidewalk ramp, driveway, drainage, sewer and pavement markings on Saginaw Street from Bristol Road to Hemphill Road in the city of Burton, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130642A	1900197	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$102,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,773.000	Ft
0030	Pavt, Rem	2040050	1,538.000	Syd
0040	Sidewalk, Rem	2040055	602.000	Syd
0050	_ Subgrade Undercutting, Type II, Modified	2057021	464.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	33.000	Ea
0070	Subbase, CIP	3010002	87.000	Cyd
0080	_ Aggregate Base, 4 inch, Modified	3027011	116.000	Syd
0090	_ Aggregate Base, 8 inch, Modified	3027011	181.000	Syd
0100	_ Aggregate Base, Modified	3027021	75.000	Cyd
0110	_ Maintenance Gravel, LM, Modified	3067021	100.000	Cyd
0120	Sewer, CI E, 12 inch, Tr Det B	4020600	227.000	Ft
0130	Dr Structure Cover, Type B	4030010	8.000	Ea
0140	Dr Structure Cover, Type D	4030025	2.000	Ea
0150	Dr Structure Cover, Type K	4030050	1.000	Ea
0160	Dr Structure Cover, Type Q	4030065	9.000	Ea
0170	Dr Structure, 24 inch dia	4030200	1.000	Ea
0180	Dr Structure, 48 inch dia	4030210	1.000	Ea
0190	Dr Structure, Adj, Add Depth	4030280	19.000	Ft
0200	Dr Structure, Cleaning	4030290	22.000	Ea
0210	_ Dr Structure Cover, Special	4037050	4.000	Ea
0220	_ Dr Structure Cover, Type B, Special	4037050	8.000	Ea
0230	_ Dr Structure Cover, Type K, Special	4037050	1.000	Ea
0240	_ Dr Structure Cover, Type Q, Special	4037050	9.000	Ea
0250	_ Dr Strucutre Cover, Type D, Special	4037050	1.000	Ea
0260	Pavt, Cleaning	5010001	1.000	LSUM
0270	Cold Milling HMA Surface	5010002	23,809.000	Syd

0280	HMA Surface, Rem	5010005	1,644.000	Syd
0290	Pavt Joint and Crack Repr, Det 7	5010020	2,958.000	Ft
0300	Pavt Joint and Crack Repr, Det 8	5010021	1,597.000	Ft
0310	Hand Patching	5010025	732.000	Ton
0320	HMA, 4E10	5010052	2,689.000	Ton
0330	HMA, 5E10	5010058	2,020.000	Ton
0340	HMA, 4E10, High Stress	5010510	340.000	Ton
0350	HMA, 5E10, High Stress	5010516	255.000	Ton
0360	Conc Base Cse, Nonreinf, 9 inch	6020021	385.000	Syd
0370	Cold Milling Conc Pavt	6030014	1,985.000	Syd
0380	Lane Tie, Epoxy Anchored	6030030	3,406.000	Ea
0390	Pavt Repr, Nonreinf Conc, 9 inch	6030046	911.000	Syd
0400	Driveway, Nonreinf Conc, 8 inch	8010007	125.000	Syd
0410	Curb and Gutter, Conc, Det C1	8020020	82.000	Ft
0420	Curb and Gutter, Conc, Det C3	8020022	414.000	Ft
0430	Curb and Gutter, Conc, Det C5	8020024	554.000	Ft
0440	Driveway Opening, Conc, Det M	8020050	280.000	Ft
0450	Railing for Steps	8030020	19.000	Ft
0460	Curb Ramp Opening, Conc	8030030	285.000	Ft
0470	Sidewalk Ramp, Conc, 4 inch	8030034	3,365.000	Sft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	2,407.000	Sft
0490	Steps, Conc	8030100	1.000	Cyd
0500	_ Detectable Warning Surface, Cast Iron	8037001	195.000	Ft
0510	_ Salvaged Brick Pavers	8037010	98.000	Sft
0520	Band, Sign	8100010	2.000	Ea
0530	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0540	Sign, Type IIA	8100398	22.000	Sft
0550	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0560	Sign, Type III, Rem	8100403	59.000	Ea
0570	Sign, Type IIIA	8100404	188.000	Sft
0580	Sign, Type IIIB	8100405	53.000	Sft
0590	_ Post, Steel, 3 lb, Modified	8107001	626.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0620	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	2,219.000	Ft
0630	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	510.000	Ft
0640	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,019.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,736.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,019.000	Ft
0670	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,736.000	Ft
0680	Rem Spec Mrkg	8110343	200.000	Sft
0690	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0700	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea

0710	Pedestrian Type II Barricade, Temp	8120026	22.000	Ea
0720	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,250.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	720.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,500.000	Ft
0780	Plastic Drum, High Intensity, Furn	8120250	230.000	Ea
0790	Plastic Drum, High Intensity, Oper	8120251	230.000	Ea
0800	Sign, Type B, Temp, Prismatic, Furn	8120350	1,036.000	Sft
0810	Sign, Type B, Temp, Prismatic, Oper	8120351	1,036.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	27.000	Sft
0830	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	27.000	Sft
0840	Traf Regulator Control	8120370	1.000	LSUM
0850	_ Pedestrian Ramp, Temp	8127050	32.000	Ea
0860	_ Turf Establishment, Performance	8167011	3,150.000	Syd
0870	Span Wire, Rem	8200141	2.000	Ea
0880	Steel Pole, Rem (Embedded)	8200146	2.000	Ea
0890	Gate Box, Adj, Case 1	8230431	7.000	Ea
0900	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 043

Letting Date: February 1, 2019

Contract ID: 73000-200277

Description: 0.51 mi of hot mix asphalt crushing, shaping and resurfacing, rumble strips, signing and pavement markings on Swan Creek Road at South River Road, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200277A	1900126	N/A	HRRR 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,400.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Embankment, CIP	2050010	575.000	Cyd
0050	Excavation, Earth	2050016	1,972.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0070	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0080	Erosion Control, Silt Fence	2080036	4,500.000	Ft
0090	Subbase, CIP	3010002	14.000	Cyd
0100	_ Aggregate Base, Modified	3027031	6,165.000	Ton
0110	_ Approach CI I, Modified	3077031	509.000	Ton
0120	_ Approach, CI II, Modified	3077031	123.000	Ton
0130	_ Shoulder, CI II, Modified	3077031	485.000	Ton
0140	Culv, CI E, 18 inch	4010541	216.000	Ft
0150	Culv, CI F, CSP, 15 inch	4010676	890.000	Ft
0160	Cold Milling HMA Surface	5010002	6,075.000	Syd
0170	HMA Surface, Rem	5010005	1,923.000	Syd
0180	HMA, 3E3	5010045	1,160.000	Ton
0190	HMA, 4E3	5010051	670.000	Ton
0200	HMA, 5E3	5010057	670.000	Ton
0210	HMA Approach	5010061	115.000	Ton
0220	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	940.000	Syd
0230	_ Post, Mailbox, Modified	8077050	17.000	Ea
0240	Post, Steel, 3 lb	8100371	238.000	Ft
0250	Post, Wood, 6 inch by 8 inch	8100382	256.000	Ft
0260	Sign, Type III, Rem	8100403	11.000	Ea
0270	Sign, Type IIIA	8100404	60.000	Sft
0280	Sign, Type IIIB	8100405	101.000	Sft

0290	Reflective Panel for Permanent Sign Support, 6 foot	8100616	30.000	Ea
0300	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	40.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,945.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,904.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,945.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,904.000	Ft
0350	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0360	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0370	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0380	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	150.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	150.000	Sft
0420	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	90.000	Sft
0430	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	90.000	Sft
0440	_ Turf Establishment, Performance	8167011	15,000.000	Syd
0450	Flsh Beacon, Solar Power	8200071	8.000	Ea
0460	Monument Box	8210001	1.000	Ea
0470	Monument Preservation	8210010	1.000	Ea
0480	Protect Corners	8210020	5.000	Ea
0490	Centerline Corrugations, Milled, HMA	8220013	2,100.000	Ft
0500	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	3,945.000	Ft



1/11/2019 9:25 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 044**Letting Date:** February 1, 2019**Contract ID:** 77000-203637**Description:** 10.15 mi of single chip and fog seal and pavement markings on Bryce/Dunnigan/Brandon/Lapeer Road from Miller Road to east of Wales Center Road, St. Clair County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203637A	1900163	N/A	STL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,100.00	1500001	1.000	LSUM
0020	Seal, Single Chip	5050001	177,174.000	Syd
0030	_ Seal,Fog	5057011	181,227.000	Syd
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	53.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	879.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,307.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	105,538.000	Ft
0100	Rem Spec Mrkg	8110343	276.000	Sft
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,091.000	Ea
0150	Sign Cover	8120310	29.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	872.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	872.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 045

Letting Date: February 1, 2019

Contract ID: 77147-133406

Description: 0.09 mi of concrete pavement removal, aggregate base, concrete sidewalk and ramps, storm sewer, replace driveway and pavement markings on Clinton Avenue from 3rd Street to Riverside Avenue (M-29) in the city of St. Clair, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133406A	1900208	N/A	STUL 77147

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursable Permit Fees	1027060	850.000	Dlr
0020	Mobilization, Max \$35,300.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	3.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	52.000	Ft
0050	Pavt, Rem	2040050	2,261.000	Syd
0060	Sidewalk, Rem	2040055	21.000	Syd
0070	_ Decorative Conc Pedestal, Rem, Salv, Replace	2047051	1.000	LSUM
0080	Embankment, CIP	2050010	71.000	Cyd
0090	Excavation, Earth	2050016	625.000	Cyd
0100	Granular Material, CI II	2050023	1.000	Cyd
0110	_ Subgrade Undercutting, Modified	2057021	100.000	Cyd
0120	Erosion Control, Silt Fence	2080036	80.000	Ft
0130	_ Erosion Control, Inlet Filter	2087050	5.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	Aggregate Base, 6 inch	3020016	60.000	Syd
0160	Aggregate Base, 9 inch	3020022	2,055.000	Syd
0170	Maintenance Gravel	3060020	50.000	Ton
0180	Sewer, CI IV, 12 inch, Tr Det B	4020987	135.000	Ft
0190	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0200	Trench Undercut and Backfill	4021260	10.000	Cyd
0210	Video Taping Sewer and Culv Pipe	4021275	135.000	Ft
0220	_ External Structure Wrap, 18 inch	4027050	4.000	Ea
0230	_ Sewer Bulkhead, 10 inch	4027050	3.000	Ea
0240	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0250	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0260	Dr Structure, 24 inch dia	4030200	1.000	Ea
0270	Dr Structure, Adj, Add Depth	4030280	5.000	Ft

0280	_ Catch Basin Cover	4037050	3.000	Ea
0290	_ Dr Structure, 36 inch dia	4037050	3.000	Ea
0300	_ Storm Manhole Cover	4037050	1.000	Ea
0310	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	830.000	Ft
0320	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	51.000	Syd
0330	Conc Pavt with Integral Curb, Nonreinf, 10 inch	6020168	1,944.000	Syd
0340	Joint, Expansion, E3	6020208	35.000	Ft
0350	Joint, Plane-of-Weakness, W	6020211	1,245.000	Ft
0360	Joint, Plane-of-Weakness W, Intersection	6020310	40.000	Ft
0370	Joint, Expansion, Erg	6030021	46.000	Ft
0380	Lane Tie, Epoxy Anchored	6030030	244.000	Ea
0390	Driveway, Nonreinf Conc, 8 inch	8010007	195.000	Syd
0400	Driveway Opening, Conc, Det M	8020050	205.000	Ft
0410	Curb Ramp Opening, Conc	8030030	15.000	Ft
0420	_ Detectable Warning Surface, Modified	8037001	10.000	Ft
0430	_ Decorative Conc, 4 inch	8037010	125.000	Sft
0440	_ Sidewalk Ramp, Conc, 8 inch	8037010	104.000	Sft
0450	Post, Steel, 3 lb	8100371	16.000	Ft
0460	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0470	Sign, Type III, Rem	8100403	2.000	Ea
0480	Sign, Type IIIA	8100404	5.000	Sft
0490	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	185.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	23.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0530	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	170.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,000.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	170.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,000.000	Ft
0580	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,170.000	Ft
0590	Rem Curing Compound, for Spec Mrkg	8110321	337.000	Sft
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0620	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0630	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0640	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0650	Minor Traf Devices	8120170	1.000	LSUM
0660	Plastic Drum, High Intensity, Furn	8120250	38.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	38.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	225.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	225.000	Sft
0700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	200.000	Sft

0710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	200.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	Sodding	8160055	625.000	Syd
0740	Topsoil Surface, Furn, 3 inch	8160061	625.000	Syd
0750	Water, Sodding/Seeding	8160090	47.000	Unit
0760	_ Irrigation Pipe	8237001	300.000	Ft
0770	_ Sprinkler Head	8237050	20.000	Ea
0780	_ Audio Visual Record of the Construction Influence Area	8507051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 046

Letting Date: February 1, 2019

Contract ID: 50000-202803

Description: 0.91 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, driveway, pavement repairs and pavement markings on Division Road (32 Mile Road) from the west city limits to the east city limits of Richmond, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202803A	1900119	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	362.000	Ft
0030	Pavt, Rem	2040050	102.000	Syd
0040	Sidewalk, Rem	2040055	73.000	Syd
0050	Excavation, Earth	2050016	77.000	Cyd
0060	Erosion Control, Inlet Protection, Sediment Trap	2080024	37.000	Ea
0070	Aggregate Base, 10 inch	3020026	115.000	Syd
0080	Dr Structure Cover, Adj, Case 1	4030005	39.000	Ea
0090	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0100	Pavt, Cleaning	5010001	1.000	LSUM
0110	Cold Milling HMA Surface	5010002	20,260.000	Syd
0120	Pavt Joint and Crack Repr, Det 7	5010020	500.000	Ft
0130	Pavt Joint and Crack Repr, Det 8	5010021	500.000	Ft
0140	Hand Patching	5010025	50.000	Ton
0150	HMA, 3E3	5010045	19.000	Ton
0160	HMA, 5E3	5010057	1,690.000	Ton
0170	Driveway, Reinf Conc, 8 inch	8010003	3.000	Syd
0180	Curb and Gutter, Conc, Det F4	8020038	333.000	Ft
0190	Detectable Warning Surface	8030010	50.000	Ft
0200	Curb Ramp Opening, Conc	8030030	60.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	450.000	Sft
0220	Sidewalk, Conc, 4 inch	8030044	505.000	Sft
0230	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	389.000	Ft
0240	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	132.000	Ft
0250	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	123.000	Ft
0260	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	333.000	Ft
0270	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,414.000	Ft

0280	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	45.000	Ft
0290	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0300	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
0310	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0320	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0330	Recessing Pavt Mrkg, Longit	8110450	12,737.000	Ft
0340	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0350	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0360	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0370	Lighted Arrow, Type B, Oper	8120131	2.000	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	800.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	Slope Restoration, Type A	8160100	128.000	Syd
0450	Monument Box Adjust	8210005	4.000	Ea
0460	Water Shutoff, Adj, Case 1	8230421	13.000	Ea
0470	_ Delivery of HMA Cold Millings, 69484 Beebe St	8507011	20,260.000	Syd
0480	_ Railroad Protection, at Grade Crossing	8507060	10,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190201 047

Letting Date: February 1, 2019

Contract ID: 25000-130637

Description: 0.26 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and ramps, drainage, pavement repairs and pavement markings on Fairchild Street from Cappy Lane to Miller Road in the city of Swartz Creek, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130637A	1900198	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$26,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	395.000	Ft
0030	Pavt, Rem	2040050	4.000	Syd
0040	Sidewalk, Rem	2040055	49.000	Syd
0050	Excavation, Earth	2050016	127.000	Cyd
0060	_ Subgrade Undercutting, Type II, Modified	2057021	80.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0080	Subbase, CIP	3010002	11.000	Cyd
0090	_ Aggregate Base, 4 inch, Modified	3027011	116.000	Syd
0100	_ Aggregate Base, 8 inch, Modified	3027011	510.000	Syd
0110	Aggregate Surface Cse, 6 inch	3060010	17.000	Syd
0120	_ Maintenance Gravel, LM, Modified	3067021	50.000	Cyd
0130	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0140	Dr Structure Cover, Type K	4030050	6.000	Ea
0150	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0160	_ Dr Structure Cover, Type B, Special	4037050	7.000	Ea
0170	_ Dr Structure Cover, Type Q, Special	4037050	3.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0190	HMA Surface, Rem	5010005	511.000	Syd
0200	Hand Patching	5010025	381.000	Ton
0210	HMA, 4E3	5010051	730.000	Ton
0220	HMA, 5E3	5010057	545.000	Ton
0230	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	672.000	Ft
0240	_ Cold Milling HMA Surface, Modified	5017011	5,660.000	Syd
0250	Driveway, Nonreinf Conc, 6 inch	8010005	3.000	Syd
0260	Curb and Gutter, Conc, Det C4	8020023	370.000	Ft
0270	Detectable Warning Surface	8030010	21.000	Ft

0280	Curb Ramp Opening, Conc	8030030	25.000	Ft
0290	Sidewalk Ramp, Conc, 4 inch	8030034	117.000	Sft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	283.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	43.000	Sft
0320	Sidewalk, Conc, 6 inch	8030046	98.000	Sft
0330	Post, Steel, 3 lb	8100371	216.000	Ft
0340	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0350	Sign, Type III, Rem	8100403	21.000	Ea
0360	Sign, Type IIIA	8100404	33.000	Sft
0370	Pavt Mrkg, Polyurea, 4 inch, White	8110091	150.000	Ft
0380	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,275.000	Ft
0390	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	717.000	Ft
0400	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	81.000	Ft
0410	Rem Spec Mrkg	8110343	449.000	Sft
0420	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0450	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0480	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	136.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	136.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	35.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	35.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0540	_ Pedestrian Ramp, Temp	8127050	2.000	Ea
0550	_ Turf Establishment, Performance	8167011	20.000	Syd
0560	Conduit, Directional Bore, 2 inch	8190042	185.000	Ft
0570	_ Conduit, DB, 1, 2 inch	8197001	95.000	Ft
0580	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 048

Letting Date: February 1, 2019

Contract ID: 39000-130809

Description: 1.26 mi of hot mix asphalt cold milling and resurfacing, concrete concrete curb, gutter, sidewalk and ramps, signal and signing on Milham Avenue from Oakland Drive to South Westnedge Avenue in the city of Portage, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130809A	1900171	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$215,000.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0030	Dr Structure, Rem	2030011	5.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	32.000	Ft
0050	Curb and Gutter, Rem	2040020	2,784.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0070	Sidewalk, Rem	2040055	1,173.000	Syd
0080	Exploratory Investigation, Vertical	2040080	25.000	Ft
0090	_ Pavt, Rem, Modified	2047011	36.000	Syd
0100	Embankment, CIP	2050010	80.000	Cyd
0110	Excavation, Earth	2050016	366.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	52.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	184.000	Cyd
0160	Aggregate Base, 8 inch	3020020	487.000	Syd
0170	Sewer, Cl E, 12 inch, Tr Det B	4020600	76.000	Ft
0180	Sewer Tap, 12 inch	4021204	5.000	Ea
0190	Video Taping Sewer and Culv Pipe	4021275	76.000	Ft
0200	Dr Structure Cover, Adj, Case 1	4030005	99.000	Ea
0210	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0220	Dr Structure, 24 inch dia	4030200	5.000	Ea
0230	Dr Structure, 48 inch dia	4030210	2.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0250	Dr Structure, Temp Lowering	4030390	76.000	Ea
0260	_ Dr Structure Cover, ADA Compliant	4037050	7.000	Ea
0270	_ Dr Structure Cover, Type B, Modified	4037050	50.000	Ea

0280	_ Dr Structure Cover, Type K, Modified	4037050	18.000	Ea
0290	_ Dr Structure Cover, Type Q, Modified	4037050	31.000	Ea
0300	_ Dr Structure Cover, Type WA, Modified	4037050	5.000	Ea
0310	Cold Milling HMA Surface	5010002	47,685.000	Syd
0320	Hand Patching	5010025	259.000	Ton
0330	HMA, 4E3	5010051	5,380.000	Ton
0340	HMA, 5E3	5010057	5,610.000	Ton
0350	_ HMA Surface, Rem, Modified	5017011	486.000	Syd
0360	Conc Base Cse, Nonreinf, 6 inch	6020015	287.000	Syd
0370	Driveway, Nonreinf Conc, 6 inch	8010005	20.000	Syd
0380	Curb, Conc, Det E2	8020002	30.000	Ft
0390	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0400	_ Curb and Gutter, Conc, Det C4, Modified	8027001	2,113.000	Ft
0410	Curb Ramp Opening, Conc	8030030	664.000	Ft
0420	Sidewalk Ramp, Conc, 6 inch	8030036	6,672.000	Sft
0430	Sidewalk, Conc, 4 inch	8030044	5,037.000	Sft
0440	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0450	_ Detectable Warning Surface, Modified	8037001	462.000	Ft
0460	_ Brick Pavers, Rem	8037010	625.000	Sft
0470	_ Brick Pavers, Salv	8037010	251.000	Sft
0480	_ Stamped Concrete, 6 inch	8037010	411.000	Sft
0490	Band, Sign	8100010	32.000	Ea
0500	Post, Steel, 2 lb	8100370	207.000	Ft
0510	Post, Steel, 3 lb	8100371	834.000	Ft
0520	Sign, Type IA	8100392	131.000	Sft
0530	Sign, Type II, Rem	8100397	1.000	Ea
0540	Sign, Type IIB	8100399	20.000	Sft
0550	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0560	Sign, Type III, Rem	8100403	201.000	Ea
0570	Sign, Type IIIA	8100404	169.000	Sft
0580	Sign, Type IIIB	8100405	331.000	Sft
0590	Mast Arm Pole Fdn, 6 Bolt	8100550	117.000	Ft
0600	Mast Arm, Rem	8100560	7.000	Ea
0610	Mast Arm Std, Rem	8100570	6.000	Ea
0620	Reflective Panel for Permanent Sign Support, 6 foot	8100616	36.000	Ea
0630	_ Mast Arm Pole, Cat I, Modified, Install	8107050	1.000	Ea
0640	_ Mast Arm Pole, Cat II, Modified, Install	8107050	5.000	Ea
0650	_ Mast Arm, 30 foot, Cat II, Modified, Install	8107050	1.000	Ea
0660	_ Mast Arm, 35 foot, Cat II, Modified, Install	8107050	1.000	Ea
0670	_ Mast Arm, 50 foot, Cat II, Modified, Install	8107050	1.000	Ea
0680	_ Mast Arm, 55 foot, Cat II, Modified, Install	8107050	2.000	Ea
0690	_ Mast Arm, 60 foot, Cat I, Modified, Install	8107050	1.000	Ea
0700	_ Monotube Arm, 94 foot, Cat I, Modified, Install	8107050	1.000	Ea
0710	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	3,300.000	Ft
0720	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	1,040.000	Ft

0730	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	2.000	Ea
0740	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	2.000	Ea
0750	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	21.000	Ea
0760	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0790	Rem Spec Mrkg	8110343	250.000	Sft
0800	Recessing Pavt Mrkg, Longit	8110450	20,640.000	Ft
0810	Recessing Pavt Mrkg, Transv	8110451	7,105.000	Sft
0820	Recessing Pavt Mrkg, Turning Guide Line	8110452	376.000	Sft
0830	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	6,185.000	Ft
0840	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White	8110481	400.000	Ft
0850	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	14,055.000	Ft
0860	_ Pavt Mrkg, Waterborne, 12 inch, Cross Hatching, White	8117001	225.000	Ft
0870	_ Pavt Mrkg, Waterborne, 12 inch, Cross Hatching, Yellow	8117001	80.000	Ft
0880	_ Pavt Mrkg, Waterborne, Turning Guide Line, White	8117001	376.000	Ft
0890	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0900	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0910	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0920	Minor Traf Devices	8120170	1.000	LSUM
0930	Pavt Mrkg Cover, Type R, Black	8120200	100.000	Ft
0940	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0950	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	100.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	7,500.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	15,000.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,500.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,500.000	Ft
1000	Plastic Drum, High Intensity, Furn	8120250	410.000	Ea
1010	Plastic Drum, High Intensity, Oper	8120251	410.000	Ea
1020	Sign Cover	8120310	10.000	Ea
1030	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1040	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1050	Sign, Type B, Temp, Prismatic, Furn	8120350	1,750.000	Sft
1060	Sign, Type B, Temp, Prismatic, Oper	8120351	1,750.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1080	TS, Temp, Furn	8120400	2.000	Ea
1090	TS, Temp, Oper	8120401	2.000	Ea
1100	Slope Restoration, Type A	8160100	1,530.000	Syd
1110	Slope Restoration, Type B	8160101	100.000	Syd
1120	Conduit, DB, 1, 1 1/2 inch	8190027	495.000	Ft

1130	Conduit, DB, 1, 3 inch	8190029	360.000	Ft
1140	Conduit, DB, 3, 3 inch	8190035	190.000	Ft
1150	Conduit, Directional Bore, 1 1/2 inch	8190041	350.000	Ft
1160	Conduit, Directional Bore, 3 inch	8190044	350.000	Ft
1170	Hh, Adj	8190244	13.000	Ea
1180	Hh, Polymer Conc	8190250	4.000	Ea
1190	Hh, Rem	8190254	11.000	Ea
1200	Hh, Round, 3 foot dia	8190259	3.000	Ea
1210	Luminaire, Rem	8190360	4.000	Ea
1220	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
1230	_ Luminaire, Bracket Arm Mtd (LED)	8197050	8.000	Ea
1240	Case Sign, Rem	8200020	4.000	Ea
1250	Controller and Cabinet, Rem	8200030	2.000	Ea
1260	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	5.000	Ea
1270	Controller Fdn, Base Mount	8200045	2.000	Ea
1280	Controller Fdn, Rem	8200046	2.000	Ea
1290	Fdn, Rem	8200065	6.000	Ea
1300	Pedestal, Fdn	8200105	16.000	Ea
1310	Pedestal Fdn, Rem	8200106	5.000	Ea
1320	Pedestal, Rem	8200110	4.000	Ea
1330	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
1340	Power Co. (Est. Cost to Contractor)	8200116	3,500.000	Dlr
1350	Pushbutton and Sign	8200121	16.000	Ea
1360	Pushbutton, Rem	8200122	10.000	Ea
1370	Pushbutton Pedestal, Rem	8200124	1.000	Ea
1380	Serv Disconnect	8200135	2.000	Ea
1390	Serv Disconnect, Rem	8200136	2.000	Ea
1400	TS, Mast Arm Mtd, Rem	8200177	22.000	Ea
1410	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1420	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
1430	TS, Pedestrian, Pedestal Mtd, Rem	8200181	6.000	Ea
1440	TS, Pedestrian, One Way Bracket Arm Mtd, Salv	8200226	1.000	Ea
1450	TS, Pedestrian, One Way Pedestal Mtd, Salv	8200236	1.000	Ea
1460	TS, Pedestrian, Two Way Pedestal Mtd, Salv	8200238	3.000	Ea
1470	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1480	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
1490	TS, One Way Mast Arm Mtd (LED)	8200359	14.000	Ea
1500	TS Face, Bag	8200458	46.000	Ea
1510	TS Face, Bag, Rem	8200459	46.000	Ea
1520	Casing	8200480	99.000	Ft
1530	_ Bracket, Truss, With 18 foot Arm, Modified, Install	8207050	8.000	Ea
1540	_ Controller and Cabinet, Base Mount (TS2), Furnish	8207050	2.000	Ea
1550	_ Controller and Cabinet, Base Mount (TS2), Install	8207050	2.000	Ea

1560	_ Controller, ATC Type, Graphic	8207050	2.000	Ea
1570	_ Flashing Beacon, School	8207050	2.000	Ea
1580	_ Flashing Beacon, School, Rem	8207050	2.000	Ea
1590	_ Pedestal, Alum, Modified	8207050	9.000	Ea
1600	_ Pushbutton and Sign, Adj	8207050	12.000	Ea
1610	_ Pushbutton Pedestal, Alum, Modified	8207050	7.000	Ea
1620	_ TS Uninterruptible Power System, Modified	8207050	1.000	Ea
1630	_ TS Uninterruptible Power System, Modified, Rem	8207050	1.000	Ea
1640	_ TS Uninterruptible Power System, Modified, Salv	8207050	1.000	Ea
1650	_ TS, Backplate, 3 Section	8207050	14.000	Ea
1660	_ TS, Backplate, 4 Section	8207050	2.000	Ea
1670	_ TS, Backplate, 5 Section	8207050	8.000	Ea
1680	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	8.000	Ea
1690	_ TS, One Way Mast Arm Mtd, Four Sect (LED)	8207050	2.000	Ea
1700	_ TS, One Way Pedestal Mtd, Five Sect (LED)	8207050	2.000	Ea
1710	_ Two Way Street Name Sign, Illuminated, 8 foot (LED)	8207050	7.000	Ea
1720	_ Two Way Street Name Sign, Illuminated, Rem	8207050	7.000	Ea
1730	_ Universal Camera Bracket and Extension	8207050	8.000	Ea
1740	_ Video Traf Detection Camera, Modified	8207050	8.000	Ea
1750	_ Video Traf Detection Camera, Rem, Modified	8207050	8.000	Ea
1760	_ Video Traf Detection System, Modified	8207050	2.000	Ea
1770	_ Video Traf Detection System, Monitor, Rem	8207050	2.000	Ea
1780	_ Video Traf Detection System, Monitor, Salv	8207050	2.000	Ea
1790	_ Video Traf Detection System, Rem, Modified	8207050	2.000	Ea
1800	Monument Box	8210001	2.000	Ea
1810	Monument Box Adjust	8210005	3.000	Ea
1820	Gate Box, Adj, Temp, Case 1	8230391	43.000	Ea
1830	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
1840	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
1850	Gate Box, Adj, Case 1	8230431	5.000	Ea
1860	Gate Box, Adj, Case 2	8230432	2.000	Ea
1870	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	23.000	Ft
1880	_ Water Main, Rem	8237001	5.000	Ft
1890	_ Gate Box	8237050	10.000	Ea
1900	_ Hydrant Assembly, Modified	8237050	2.000	Ea
1910	_ Hydrant, Rem, Modified	8237050	2.000	Ea
1920	_ Live Tap, 6 inch x 6 inch, Modified	8237050	1.000	Ea
1930	Fiber Optic, Pigtail	8260071	48.000	Ea
1940	Fiber Optic, Jumper	8260072	48.000	Ea
1950	System Integration and Testing	8260160	1.000	LSUM
1960	_ Cable, Fiber Optic, Single Mode Fiber, 24F, Modified	8267001	200.000	Ft
1970	_ Cable, Fiber Optic, Fusion Splice, 24 Fiber	8267050	2.000	Ea
1980	_ Digital Video Encoder, H.264, 4 Channel	8267050	2.000	Ea
1990	_ Fiber Optic, Splice Enclosure, Direct Bury, 24 Fiber	8267050	2.000	Ea

2000	_ Fiber Termination Panel, 48 Fiber	8267050	2.000	Ea
2010	_ Media Converter Switch, 4 Fiber, 8 Ethernet	8267050	1.000	Ea
2020	_ Media Converter Switch, 8 Fiber, 12 Ethernet	8267050	1.000	Ea
2030	_ Media Converter Switch, Rem	8267050	1.000	Ea
2040	_ Media Converter Switch, Salv	8267050	1.000	Ea
2050	_ Media Converter, 1 Fiber, 1 Ethernet	8267050	2.000	Ea
2060	_ Terminal Server, 4 Port	8267050	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190201 049**Letting Date:** February 1, 2019**Contract ID:** 18000-130246

Description: 8.09 mi of single course hot mix asphalt overlay, aggregate shoulders and pavement markings on Bailey Lake Road from Beaverton Road north to Mannsiding Road and on Rodgers Avenue from south of Townline Road to north of Stockwell Road, Clare County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130246A	1900072	N/A	STL 18000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$73,400.00	1500001	1.000	LSUM
0020	Maintenance Gravel	3060020	50.000	Ton
0030	Approach, CI II	3070021	270.000	Ton
0040	Shoulder, CI II	3070121	2,700.000	Ton
0050	Pavt for Butt Joints, Rem	5010008	1,435.000	Syd
0060	HMA, 4E1	5010050	10,600.000	Ton
0070	HMA Approach	5010061	380.000	Ton
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,900.000	Ft
0120	Plastic Drum, High Intensity, Furn	8120250	180.000	Ea
0130	Plastic Drum, High Intensity, Oper	8120251	180.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	280.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	280.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0170	Monument Box Adjust	8210005	16.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 050

Letting Date: February 1, 2019

Contract ID: 79555-130161

Description: 0.17 mi of hot mix asphalt road reconstruction, intersection and drainage improvements, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer, signing and pavement markings on Main Street from Lincoln Street east to Trend Street in the village of Mayville, Tuscola County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130161A	1900068	N/A	STL 79555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	590.000	Dlr
0020	Mobilization, Max \$64,300.00	1500001	1.000	LSUM
0030	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0060	_ Tree, Rem, 1 inch to 5 inch	2027050	9.000	Ea
0070	Dr Structure, Rem	2030011	5.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	452.000	Ft
0090	Curb, Rem	2040021	50.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0110	Pavt, Rem	2040050	5,660.000	Syd
0120	Sidewalk, Rem	2040055	784.000	Syd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0150	_ Machine Grading, Modified	2057002	10.000	Sta
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0170	Erosion Control, Silt Fence	2080036	300.000	Ft
0180	Subbase, CIP	3010002	2,128.000	Cyd
0190	_ Aggregate Base, 8 inch, Modified	3027011	5,254.000	Syd
0200	Maintenance Gravel	3060020	250.000	Ton
0210	_ Approach, CI I, 6 inch, Modified	3077011	477.000	Syd
0220	_ Approach, CI II, 6 inch, Modified	3077011	110.000	Syd
0230	Sewer, CI E, 12 inch, Tr Det B	4020600	376.000	Ft
0240	Sewer, CI E, 15 inch, Tr Det B	4020601	899.000	Ft
0250	Sewer, CI E, 18 inch, Tr Det B	4020602	45.000	Ft
0260	Sewer Tap, 12 inch	4021204	1.000	Ea

0270	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0280	_ Sanitary Serv, Conflict	4027050	2.000	Ea
0290	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0300	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0310	Dr Structure Cover, Type B	4030010	3.000	Ea
0320	Dr Structure Cover, Type D	4030025	2.000	Ea
0330	Dr Structure Cover, Type K	4030050	9.000	Ea
0340	Dr Structure Cover, Type Q	4030065	3.000	Ea
0350	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	16.000	Ft
0360	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	1.000	Ft
0370	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0380	_ Dr Structure, Add Depth of 36 inch dia, 8 foot to 15 foot	4037001	8.000	Ft
0390	_ Dr Structure Cover, Type DG	4037050	1.000	Ea
0400	_ Dr Structure, 36 inch dia, Modified	4037050	7.000	Ea
0410	_ Dr Structure, 48 inch dia, Modified	4037050	6.000	Ea
0420	Underdrain, Subbase, 6 inch	4040063	1,996.000	Ft
0430	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0440	HMA Surface, Rem	5010005	5,858.000	Syd
0450	Hand Patching	5010025	2.000	Ton
0460	HMA Approach	5010061	216.000	Ton
0470	HMA, LVSP	5010703	970.000	Ton
0480	Driveway, Nonreinf Conc, 6 inch	8010005	67.000	Syd
0490	Curb and Gutter, Conc, Det F4	8020038	1,358.000	Ft
0500	Detectable Warning Surface	8030010	104.000	Ft
0510	Curb Ramp Opening, Conc	8030030	242.000	Ft
0520	Sidewalk Ramp, Conc, 6 inch	8030036	2,151.000	Sft
0530	Sidewalk, Conc, 4 inch	8030044	7,723.000	Sft
0540	Sidewalk, Conc, 6 inch	8030046	2,345.000	Sft
0550	Steps, Conc	8030100	1.000	Cyd
0560	Post, Mailbox	8070095	3.000	Ea
0570	Band, Sign	8100010	5.000	Ea
0580	Post Hole Through Conc for Steel Post	8100340	7.000	Ea
0590	Post, Steel, 3 lb	8100371	391.000	Ft
0600	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0610	Sign, Type II, Rem	8100397	2.000	Ea
0620	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0630	Sign, Type III, Rem	8100403	20.000	Ea
0640	Sign, Type IIIA	8100404	112.000	Sft
0650	Sign, Type IIIB	8100405	36.000	Sft
0660	_ Sign, Type IIIA, Modified	8107052	5.000	Sft
0670	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	658.000	Ft
0680	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	91.000	Ft
0690	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea

0700	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,547.000	Ft
0710	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,681.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,547.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,681.000	Ft
0740	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	142.000	Ft
0750	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	22.000	Ft
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0780	Pedestrian Type II Barricade, Temp	8120026	8.000	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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	72.000	Ft
0830	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	72.000	Ft
0840	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0850	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0860	Sign Cover	8120310	38.000	Ea
0870	Sign, Type B, Temp, Prismatic, Furn	8120350	546.000	Sft
0880	Sign, Type B, Temp, Prismatic, Oper	8120351	546.000	Sft
0890	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	128.000	Sft
0900	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	128.000	Sft
0910	Traf Regulator Control	8120370	1.000	LSUM
0920	_ Slope Restoration, Modified	8167011	1,764.000	Syd
0930	Power Co. (Est. Cost to Contractor) Power Co. (Est. Cost to Contractor)	8200116	1,421.000	Dlr
0940	Monument Box	8210001	1.000	Ea
0950	Monument Preservation	8210010	1.000	Ea
0960	Water Shutoff, Adj, Case 1	8230421	11.000	Ea
0970	Water Shutoff, Adj, Case 2	8230422	3.000	Ea
0980	Gate Box, Adj, Case 1	8230431	10.000	Ea
0990	Gate Box, Adj, Case 2	8230432	2.000	Ea
1000	_ Forcemain, Conflict, 4 inch	8237050	1.000	Ea
1010	_ Water Main, Conflict, 4 inch	8237050	1.000	Ea
1020	_ Water Main, Conflict, 8 inch	8237050	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 051

Letting Date: February 1, 2019

Contract ID: 72000-202235

Description: 2.77 mi of hot mix asphalt micro surfacing ultra-thin medium volume, aggregate shoulders, embankment and pavement markings on County Road 100 (East Houghton Lake Drive) from County Road 102 to County Road 300, Roscommon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202235A	1900209	N/A	STUL 72000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$46,800.00	1500001	1.000	LSUM
0020	_ Pavt, Rem Modified	2047011	45.000	Syd
0030	Embankment, LM	2050011	410.000	Cyd
0040	Excavation, Earth	2050016	8.000	Cyd
0050	Aggregate Base	3020001	3,520.000	Ton
0060	Shoulder, CI II	3070121	690.000	Ton
0070	_ Trenching, Modified	3077002	146.000	Sta
0080	Pavt for Butt Joints, Rem	5010008	645.000	Syd
0090	HMA, 13A	5010033	1,866.000	Ton
0100	HMA Approach	5010061	43.000	Ton
0110	_ HMA,Ultra-Thin, Medium Volume	5047031	2,960.000	Ton
0120	Post, Mailbox	8070095	24.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,519.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,819.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	27,519.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,819.000	Ft
0170	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,137.000	Ft
0220	Plastic Drum, High Intensity, Furn	8120250	178.000	Ea
0230	Plastic Drum, High Intensity, Oper	8120251	178.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM
0270	Mulch Blanket	8160027	1,225.000	Syd

0280	_ Slope Restoration, Modified	8167011	1,660.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 190201 052

Letting Date: February 1, 2019

Contract ID: 58021-203285

Description: 5.12 mi of full depth concrete pavement repairs, hot mix asphalt overlay, joint repairs, shoulder trenching and pavement markings on US-223 from High Street to Jefferson Street and from the Lenawee/Monroe county line to west of US-23 in the village of Blissfield, Lenawee and Monroe Counties. This project includes a 3 year material and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203285A	N/A	N/A	GF19 58021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$332,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	265.000	Ft
0030	Pavt, Rem	2040050	80.000	Syd
0040	Sidewalk, Rem	2040055	25.000	Syd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	50.000	Ea
0060	Project Cleanup	2090001	1.000	LSUM
0070	Approach, CI II	3070021	100.000	Ton
0080	Shoulder, CI II	3070121	985.000	Ton
0090	_ Trenching, Special	3077002	380.000	Sta
0100	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0110	Dr Structure Cover, Type B	4030010	9.000	Ea
0120	Dr Structure Cover, Type K	4030050	3.000	Ea
0130	_ Dr Structure, Repr	4037050	6.000	Ea
0140	Pavt, Cleaning	5010001	1.000	LSUM
0150	Bump Grinding	5010004	100.000	Syd
0160	HMA Surface, Rem	5010005	37,962.000	Syd
0170	HMA Quality Initiative	5010007	40,096.000	Dlr
0180	Pavt for Butt Joints, Rem	5010008	800.000	Syd
0190	Longitudinal Joint Density Quality Initiative	5010018	56,943.000	Dlr
0200	Pavt Joint and Crack Repr, Det 7	5010020	31,670.000	Ft
0210	Pavt Joint and Crack Repr, Det 8	5010021	3,170.000	Ft
0220	Hand Patching	5010025	2,508.000	Ton
0230	HMA, 3E10	5010046	6,264.000	Ton
0240	HMA, 4E10	5010052	10,776.000	Ton
0250	HMA Approach	5010061	500.000	Ton
0260	Joint, Contraction, C2	6020203	385.000	Ft
0270	Cement	6030005	35.000	Ton

0280	Joint, Contraction, Crg	6030020	7,994.000	Ft
0290	Lane Tie, Epoxy Anchored	6030030	1,448.000	Ea
0300	Non-Chloride Accelerator	6030035	1,485.000	Gal
0310	Pavt Repr, Nonreinf Conc, 10 inch	6030048	4,012.000	Syd
0320	Pavt Repr, Rem	6030080	3,932.000	Syd
0330	Saw Cut, Intermediate	6030090	4,820.000	Ft
0340	_ Joint, Tied, 4 foot, Special	6037001	6,400.000	Ft
0350	_ Pavt Repr, 4 foot, Nonreinf, 10 inch, Special	6037011	1,426.000	Syd
0360	_ Pavt Repr, 4 foot, Rem, Special	6037011	1,426.000	Syd
0370	Curb and Gutter, Conc, Det C2	8020021	265.000	Ft
0380	Sidewalk, Conc, 6 inch	8030046	225.000	Sft
0390	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,500.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,207.000	Ft
0420	Pavt Mrkg, Waterborne, 6 inch, White	8110233	40,962.000	Ft
0430	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,217.000	Ft
0440	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	3,217.000	Ft
0450	Rem Curing Compound, for Spec Mrkg	8110321	200.000	Sft
0460	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0470	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	3,500.000	Ft
0480	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White	8110481	40,962.000	Ft
0490	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	8,207.000	Ft
0500	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
0510	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
0520	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0530	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0560	Lighted Arrow, Type C, Standby	8120142	2.000	Ea
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	43,962.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,750.000	Ft
0600	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0620	Sign Cover	8120310	15.000	Ea
0630	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0640	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	1,900.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	1,900.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Protect Corners	8210020	8.000	Ea
0690	Centerline Corrugations, Milled, HMA	8220013	18,081.000	Ft

0700	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	35,662.000	Ft
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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 053**Letting Date:** February 1, 2019**Contract ID:** 82052-204006

Description: 2.65 mi of hot mix asphalt cold milling and resurfacing, joint crack repair, and pavement markings on US-24 from Carter Road to Pennsylvania Road in the city of Taylor, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204006A	N/A	N/A	GF19 82052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$232,400.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0030	Dr Structure Cover, Adj, Case 1, Modified	4030004	2.000	Ea
0040	Dr Structure Lead, Cleaning, 12 inch	4030112	95.000	Ft
0050	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0060	Dr Structure, Cleaning	4030290	4.000	Ea
0070	Cold Milling HMA Surface	5010002	72,000.000	Syd
0080	HMA Quality Initiative	5010007	26,368.000	Dlr
0090	Longitudinal Joint Density Quality Initiative	5010018	52,845.000	Dlr
0100	Pavt Joint and Crack Repr, Det 7	5010020	45,000.000	Ft
0110	Pavt Joint and Crack Repr, Det 8	5010021	31,664.000	Ft
0120	Hand Patching	5010025	5,148.000	Ton
0130	HMA, 5E3	5010057	7,710.000	Ton
0140	HMA Approach	5010061	326.000	Ton
0150	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	12.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0180	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	500.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	10,000.000	Ft
0200	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	32,000.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	22,000.000	Ft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea

0270	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0290	Ltg for Night Work	8120160	1.000	LSUM
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	32,000.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	32,000.000	Ft
0330	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0350	Sign Cover	8120310	30.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Monument Preservation	8210010	4.000	Ea
0420	Protect Corners	8210020	4.000	Ea
0430	Contractor Staking, Road Only	8240007	1.000	LSUM
0440	Staking Plan Errors and Extras, One Person	8240020	19.000	Hr
0450	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0460	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190201 054

Letting Date: February 1, 2019

Contract ID: 41131-200591

Description: 2.36 mi of hot mix asphalt cold milling and hot mix asphalt overlay, concrete curb and gutter, miscellaneous pavement repairs, drainage and pavement markings on US-131 from south of 44th Street to north of M-11 (28th Street) including the ramps at 54th Street, 44th Street, 36th Street and M-11 in the city of Wyoming, 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
200591A	1900241	N/A	NH 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$220,300.00	1500001	1.000	LSUM
0020	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0030	Dr Structure Cover, Type K	4030050	4.000	Ea
0040	_ Underdrain Outlet Cleanout	4047050	20.000	Ea
0050	Cold Milling HMA Surface	5010002	169,043.000	Syd
0060	Bump Grinding	5010004	300.000	Syd
0070	HMA Quality Initiative	5010007	31,452.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	67,047.000	Dlr
0090	Pavt Joint and Crack Repr, Det 7	5010020	450.000	Ft
0100	Pavt Joint and Crack Repr, Det 8	5010021	450.000	Ft
0110	Hand Patching	5010025	150.000	Ton
0120	HMA, 5E3, High Stress	5010515	4,632.000	Ton
0130	HMA Approach, High Stress	5010520	668.000	Ton
0140	_ HMA Gap Graded Superpave (3/8 inch Nominal Max)	5017031	10,276.000	Ton
0150	Curb and Gutter, Conc, Det F4	8020038	50.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	6.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	11.000	Ea
0190	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	345.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	135.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	13,900.000	Ft
0220	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	38,500.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	33,300.000	Ft
0240	Pavt Mrkg, Thermopl, 12 inch, White	8110215	6,600.000	Ft
0250	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr

0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0280	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0290	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	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	Mobile Attenuator	8120180	1.000	Ea
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,500.000	Ft
0360	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0370	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea
0380	Sign Cover	8120310	20.000	Ea
0390	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0400	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0410	Sign, Type A, Temp, Prismatic, Furn	8120340	64.000	Sft
0420	Sign, Type A, Temp, Prismatic, Oper	8120341	64.000	Sft
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	1,864.000	Sft
0440	Sign, Type B, Temp, Prismatic, Oper	8120351	1,864.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0460	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	22.000	Ea
0470	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	22.000	Ea
0480	Wireless Vehicle Sensor Node, Salv	8200427	14.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190201 055**Letting Date:** February 1, 2019**Contract ID:** 45021-200981

Description: 11.33 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, shoulder repairs, guardrail and pavement markings and 22.38 mi of delineator installation on M-72 from the M-22 intersection in the village of Empire easterly to the M-22 intersection in the city of Traverse City, Grand Traverse and Leelanau Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200981A	N/A	N/A	M 45021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$205,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	52.000	Ft
0030	Guardrail, Rem	2040035	563.000	Ft
0040	Embankment, LM	2050011	20.000	Cyd
0050	Excavation, Earth	2050016	10.000	Cyd
0060	Aggregate Base	3020001	1,430.000	Ton
0070	Shoulder, CI II	3070121	3,454.000	Ton
0080	_ Trenching, Special	3077002	115.000	Sta
0090	Cold Milling HMA Surface	5010002	185,300.000	Syd
0100	HMA Surface, Rem	5010005	1,060.000	Syd
0110	HMA Quality Initiative	5010007	33,156.000	Dlr
0120	Longitudinal Joint Density Quality Initiative	5010018	84,542.000	Dlr
0130	Hand Patching	5010025	3.000	Ton
0140	HMA Approach	5010061	75.000	Ton
0150	HMA, 5E1, High Stress	5010514	16,500.000	Ton
0160	Curb and Gutter, Conc, Det D2	8020031	52.000	Ft
0170	Curb Sloped, HMA	8050010	1,280.000	Ft
0180	Guardrail, Type MGS-8	8070004	475.000	Ft
0190	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0200	Guardrail Reflector	8070080	22.000	Ea
0210	Delineator Reflector, Green	8100133	152.000	Ea
0220	Delineator Reflector, White	8100134	980.000	Ea
0230	Delineator, Rem	8100349	150.000	Ea
0240	Post, Rigid, Delineator	8100361	642.000	Ea
0250	Post, Steel, 3 lb	8100371	1,320.000	Ft
0260	Sign, Type IIIA	8100404	198.000	Sft

0270	Sign, Type IIIB	8100405	198.000	Sft
0280	Reflective Panel for Permanent Sign Support, 6 foot	8100616	196.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	80.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	6.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0330	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,340.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	68,298.000	Ft
0350	Pavt Mrkg, Waterborne, 6 inch, White	8110233	106,493.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,340.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	68,298.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	106,493.000	Ft
0390	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0400	Recessing Pavt Mrkg, Longit	8110450	114,713.000	Ft
0410	Protective Ovly, Snowmobile Trail Crossing	8110550	95.000	Syd
0420	Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	12,150.000	Ft
0430	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	10,000.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,700.000	Ft
0490	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0500	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0510	Sign Cover	8120310	2.000	Ea
0520	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0530	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	716.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	716.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	Paved Ditch, HMA	8140010	30.000	Syd
0580	Fertilizer, Chemical Nutrient, CI A	8160020	3.000	Lb
0590	Mulch	8160025	50.000	Syd
0600	Seeding, Mixture TDS	8160037	3.000	Lb
0610	Topsoil Surface, Furn, 4 inch	8160062	50.000	Syd
0620	Monument Box	8210001	3.000	Ea
0630	Monument Box Adjust	8210005	1.000	Ea
0640	Monument Preservation	8210010	4.000	Ea
0650	Protect Corners	8210020	19.000	Ea
0660	Centerline Corrugations, Milled, HMA	8220013	45,701.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 056

Letting Date: February 1, 2019

Contract ID: 46082-200985

Description: 2.53 mi of hot mix asphalt cold milling and single course overlay, detail 7 joint repairs, concrete curb, gutter, sidewalk and ramps, shoulder gravel and pavement markings on M-50 from M-52 to east of Sunset Drive in the city of Tecumseh, Lenawee County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200985A	N/A	N/A	M 46082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$68,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	136.000	Ft
0030	Pavt, Rem	2040050	20.000	Syd
0040	Sidewalk, Rem	2040055	86.000	Syd
0050	Excavation, Earth	2050016	12.000	Cyd
0060	_ Machine Grading, Special	2057011	54.000	Syd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0080	Erosion Control, Silt Fence	2080036	85.000	Ft
0090	Aggregate Base, 4 inch	3020010	155.000	Syd
0100	Shoulder, CI II	3070121	475.000	Ton
0110	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0120	Dr Structure Cover, Type B	4030010	1.000	Ea
0130	Dr Structure, Temp Lowering	4030390	2.000	Ea
0140	Pavt, Cleaning	5010001	1.000	LSUM
0150	Cold Milling HMA Surface	5010002	61,208.000	Syd
0160	HMA Surface, Rem	5010005	46.000	Syd
0170	HMA Quality Initiative	5010007	10,308.000	Dlr
0180	Longitudinal Joint Density Quality Initiative	5010018	36,745.000	Dlr
0190	Pavt Joint and Crack Repr, Det 7	5010020	1,900.000	Ft
0200	Hand Patching	5010025	116.000	Ton
0210	HMA, 5E3	5010057	3,693.000	Ton
0220	HMA Approach	5010061	110.000	Ton
0230	HMA, 5E3, High Stress	5010515	1,248.000	Ton
0240	Conc Base Cse, Nonreinf, 6 inch	6020015	32.000	Syd
0250	Curb and Gutter, Conc, Det B2	8020016	73.000	Ft
0260	Curb Ramp Opening, Conc	8030030	62.000	Ft
0270	Sidewalk Ramp, Conc, 6 inch	8030036	756.000	Sft

0280	Sidewalk, Conc, 4 inch	8030044	320.000	Sft
0290	_ Detectable Warning Surface, Cast Iron	8037001	53.000	Ft
0300	Post, Steel, 3 lb	8100371	26.000	Ft
0310	Sign, Type VB	8100425	8.000	Sft
0320	Reflective Panel for Permanent Sign Support, 6 foot	8100616	14.000	Ea
0330	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	260.000	Ft
0340	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	180.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, White	8110231	798.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,487.000	Ft
0370	Pavt Mrkg, Waterborne, 6 inch, White	8110233	19,114.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	798.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	21,847.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	19,114.000	Ft
0410	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0420	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0430	Pavt Mrkg, Polyurea, Only	8110410	9.000	Ea
0440	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0450	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0460	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	3.000	Ea
0470	Pedestrian Type II Barricade, Temp	8120026	40.000	Ea
0480	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0490	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0500	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0520	Ltg for Night Work	8120160	1.000	LSUM
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	18,936.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,014.000	Ft
0560	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0570	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0580	Sign Cover	8120310	10.000	Ea
0590	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0600	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0630	Traf Regulator Control	8120370	1.000	LSUM
0640	Slope Restoration, Type A	8160100	169.000	Syd
0650	Monument Box Adjust	8210005	1.000	Ea
0660	Centerline Corrugations, Milled, HMA	8220013	9,620.000	Ft
0670	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	19,240.000	Ft
0680	Gate Box, Adj, Temp, Case 1	8230391	6.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 057

Letting Date: February 1, 2019

Contract ID: 63000-202782

Description: 5.30 mi of hot mix asphalt shared use path includes signing, culvert improvements and pavement markings on Michigan Airline Trail Pathway from Haggerty Road to Wixom Road in the city of Wixom, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202782A	1900181	N/A	TA 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	30,300.000	Dlr
0020	Mobilization, Max \$387,400.00	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	6.000	Ea
0050	Curb and Gutter, Rem	2040020	191.000	Ft
0060	Fence, Rem	2040025	29.000	Ft
0070	Pavt, Rem	2040050	1,267.000	Syd
0080	Sidewalk, Rem	2040055	574.000	Syd
0090	Embankment, CIP	2050010	229.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0110	_ Parking Lot Grading, Modified	2057011	1,574.000	Syd
0120	_ Subgrade Undercutting, 21AA, Special	2057021	670.000	Cyd
0130	_ Subgrade Undercutting, 6A, Special	2057021	4,000.000	Cyd
0140	_ Subgrade Undercutting, Class II, Special	2057021	420.000	Cyd
0150	Erosion Control, Sediment Trap	2080034	4.000	Ea
0160	Erosion Control, Silt Fence	2080036	55,380.000	Ft
0170	Project Cleanup	2090001	1.000	LSUM
0180	_ Aggregate Base, Limestone, Special	3027031	489.000	Ton
0190	HMA Base Crushing and Shaping	3050002	1,940.000	Syd
0200	_ Maintenance Gravel, Special	3067031	100.000	Ton
0210	Geotextile, Separator	3080005	1,300.000	Syd
0220	Culv End Sect, 12 inch	4010012	2.000	Ea
0230	Culv, CI A, 12 inch	4010131	48.000	Ft
0240	Culv, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch	4010902	59.000	Ft
0250	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 19 inch by 30 inch, Transv	4011082	4.000	Ea
0260	Hand Patching	5010025	10.000	Ton

0270	HMA, 5E1	5010056	335.000	Ton
0280	HMA, LVSP	5010703	335.000	Ton
0290	Driveway Opening, Conc, Det M	8020050	68.000	Ft
0300	Detectable Warning Surface	8030010	179.000	Ft
0310	Curb Ramp Opening, Conc	8030030	75.000	Ft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	2,370.000	Sft
0330	_ Parking Barrier, Wheel Stop, Special	8047050	31.000	Ea
0340	Shared use Path, Conc	8060020	318.000	Syd
0350	Shared use Path, HMA	8060040	7,299.000	Ton
0360	_ Shared use Path, Grading, Special	8067001	27,419.000	Ft
0370	_ Shared use Path, Aggregate, Modified	8067031	12,104.000	Ton
0380	_ Path Railing	8077001	4,481.000	Ft
0390	Fence, Woven Wire with Steel Post	8080002	400.000	Ft
0400	Fence, Protective	8080007	1,000.000	Ft
0410	Post, Steel, 3 lb	8100371	870.000	Ft
0420	Sign, Type III, Rem	8100403	18.000	Ea
0430	Sign, Type IIIA	8100404	141.000	Sft
0440	Sign, Type IIIB	8100405	610.000	Sft
0450	Mast Arm Pole, Cat III	8100512	3.000	Ea
0460	Mast Arm, 35 foot, Cat III	8100543	2.000	Ea
0470	Mast Arm, 50 foot, Cat III	8100546	1.000	Ea
0480	Mast Arm Pole Fdn, 6 Bolt	8100550	50.000	Ft
0490	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	910.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	66.000	Ft
0510	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0520	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	250.000	Ft
0530	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	520.000	Ft
0540	_ Pavt Mrkg, Ovly Cold Plastic, Road, Modified	8117050	17.000	Ea
0550	_ Pavt Mrkg, Ovly Cold Plastic, Xing, Modified	8117050	17.000	Ea
0560	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0570	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0580	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0590	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0600	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0610	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0620	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	Riprap, Plain	8130010	34.000	Syd
0680	Slope Restoration, Type A	8160100	53,670.000	Syd
0690	Slope Restoration, Type C	8160102	17,000.000	Syd

0700	Conduit, DB, 1, 1 1/2 inch	8190027	383.000	Ft
0710	Conduit, DB, 3, 3 inch	8190035	280.000	Ft
0720	Conduit, DB, 4, 3 inch	8190038	13.000	Ft
0730	Hh, Round	8190260	26.000	Ea
0740	Light Std Fdn, Rem	8190280	5.000	Ea
0750	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	240.000	Ft
0760	_ Conduit, Directional Bore, 2, 4 inch, RCOC	8197001	108.000	Ft
0770	_ Hh, Square, RCOC	8197050	2.000	Ea
0780	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	1.000	Ea
0790	Controller Fdn, Base Mount	8200045	2.000	Ea
0800	Pedestal, Fdn	8200105	25.000	Ea
0810	Power Co. (Est. Cost to Contractor)	8200116	7,000.000	Dlr
0820	Pushbutton and Sign	8200121	16.000	Ea
0830	Serv Disconnect	8200135	2.000	Ea
0840	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0850	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0860	_ Controller and Cabinet, Digital Type, RCOC	8207050	2.000	Ea
0870	_ Flsh Beacon, Rectangular Rapid, Solar Power, Modified	8207050	24.000	Ea
0880	_ Pedestal, Alum, RCOC	8207050	25.000	Ea
0890	_ Pushbutton Support Post, RCOC	8207050	14.000	Ea
0900	_ TS, One Way Mast Arm Mtd, Three Sect (LED), RCOC	8207050	8.000	Ea
0910	_ Bench	8507050	5.000	Ea
0920	_ Bike Rack	8507050	2.000	Ea
0930	_ Trash Receptacle	8507050	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 058

Letting Date: February 1, 2019

Contract ID: 57000-203487

Description: 2.57 mi of hot mix asphalt crushing, shaping and resurfacing, trenching for paved shoulders and pavement markings on Jennings Road from La Chance Road to east of Pavilion Drive, Missaukee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203487A	1900078	N/A	HRRR 57000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,100.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	30.000	Syd
0030	Embankment, CIP	2050010	200.000	Cyd
0040	Excavation, Earth	2050016	1,100.000	Cyd
0050	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0060	Aggregate Base	3020001	1,000.000	Ton
0070	HMA Base Crushing and Shaping	3050002	13,400.000	Syd
0080	_ HMA Base Crushing and Shaping, Special	3057011	4,600.000	Syd
0090	Maintenance Gravel, LM	3060021	100.000	Cyd
0100	Approach, CI II	3070021	150.000	Ton
0110	Shoulder, CI II	3070121	1,100.000	Ton
0120	_ Trenching, Special	3077002	43.000	Sta
0130	HMA Surface, Rem	5010005	300.000	Syd
0140	Pavt for Butt Joints, Rem	5010008	600.000	Syd
0150	HMA, 4E1	5010050	6,100.000	Ton
0160	HMA Approach	5010061	250.000	Ton
0170	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0180	Post, Steel, 3 lb	8100371	765.000	Ft
0190	Sign, Type IIB	8100399	8.000	Sft
0200	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0210	Sign, Type III, Rem	8100403	23.000	Ea
0220	Sign, Type IIIA	8100404	9.000	Sft
0230	Sign, Type IIIB	8100405	176.000	Sft
0240	Reflective Panel for Permanent Sign Support, 6 foot	8100616	49.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	26,980.000	Ft
0260	Recessing Pavt Mrkg, Longit	8110450	5,330.000	Ft
0270	Pavt Mrkg, Thermopl, Rumble Strip	8110470	807.000	Ft

0280	Pavt Mrkg, Modified Urethane, 4 inch, Yellow	8110541	14,100.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	800.000	Ft
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,700.000	Ft
0360	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	527.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	527.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Mulch Blanket	8160027	2,500.000	Syd
0440	_ Slope Restoration, Modified	8167011	4,000.000	Syd
0450	Monument Box	8210001	1.000	Ea
0460	Monument Box Adjust	8210005	3.000	Ea
0470	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	4,365.000	Ft
0480	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	8,575.000	Ft



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190201 059**Letting Date:** February 1, 2019**Contract ID:** 58115-133379**Description:** 3.40 mi of micro-surfacing and pavement markings on Summerfield Road from Smith Road to Consear Road, Monroe County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133379A	1900166	N/A	STU 58115

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,800.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	100.000	Ft
0030	Micro-Surface, Std	5040001	51,500.000	Syd
0040	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0050	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	210.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	33,500.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,100.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	33,500.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	20,100.000	Ft
0100	Rem Spec Mrkg	8110343	1,594.000	Sft
0110	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0120	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0130	Pavt Mrkg, Polyurea, Only	8110410	6.000	Ea
0140	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0150	Pavt Mrkg, Polyurea, School	8110414	3.000	Ea
0160	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	4.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0190	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0200	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	308.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	308.000	Sft
0240	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	24.000	Sft
0250	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 060

Letting Date: February 1, 2019

Contract ID: 38000-130208

Description: 0.49 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ADA ramps and pavement markings on West Main Street from M-99 to the west village limits of Springport in the village of Springport, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130208A	1900167	N/A	STL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$27,900.00	1500001	1.000	LSUM
0020	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sidewalk, Rem	2040055	210.000	Syd
0050	_ Curb and Gutter, Rem, Modified	2047001	22.000	Ft
0060	Ditch Cleanout	2050006	38.000	Sta
0070	Subgrade Undercutting, Type II	2050041	60.000	Cyd
0080	_ Approach Grading	2057011	1,080.000	Syd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0100	Erosion Control, Silt Fence	2080036	200.000	Ft
0110	Subbase, CIP	3010002	100.000	Cyd
0120	Aggregate Base, 6 inch	3020016	980.000	Syd
0130	Aggregate Base, 8 inch	3020020	170.000	Syd
0140	Maintenance Gravel, LM	3060021	40.000	Cyd
0150	Shoulder, CI II, 3 inch	3070125	760.000	Syd
0160	Trenching	3070200	25.000	Sta
0170	Culv End Sect, 12 inch	4010012	9.000	Ea
0180	Culv, CI A, 12 inch	4010131	320.000	Ft
0190	Sewer, CI A, 12 inch, Tr Det B	4020033	80.000	Ft
0200	Sewer Tap, 12 inch	4021204	2.000	Ea
0210	Trench Undercut and Backfill	4021260	50.000	Cyd
0220	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0230	Dr Structure Cover, Type B	4030010	1.000	Ea
0240	Dr Structure Cover, Type G	4030040	2.000	Ea
0250	Dr Structure Cover, Type K	4030050	1.000	Ea
0260	Dr Structure, 24 inch dia	4030200	1.000	Ea
0270	Dr Structure, 48 inch dia	4030210	2.000	Ea

0280	_ Dr Structure, 48 inch dia Leach Basin	4037050	1.000	Ea
0290	_ Utility Structure Cover, Adj, Case 1	4037050	1.000	Ea
0300	Cold Milling HMA Surface	5010002	9,100.000	Syd
0310	HMA Surface, Rem	5010005	755.000	Syd
0320	Hand Patching	5010025	11.000	Ton
0330	HMA Approach	5010061	171.000	Ton
0340	HMA, LVSP	5010703	1,065.000	Ton
0350	Curb and Gutter, Conc, Det F4	8020038	400.000	Ft
0360	Curb Ramp Opening, Conc	8030030	15.000	Ft
0370	Sidewalk Ramp, Conc, 6 inch	8030036	310.000	Sft
0380	Sidewalk, Conc, 4 inch	8030044	320.000	Sft
0390	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0400	_ Detectable Warning Surface, Modified	8037001	15.000	Ft
0410	Post, Mailbox	8070095	21.000	Ea
0420	Post, Steel, 3 lb	8100371	300.000	Ft
0430	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0440	Sign, Type III, Rem	8100403	30.000	Ea
0450	Sign, Type IIIA	8100404	20.000	Sft
0460	Sign, Type IIIB	8100405	150.000	Sft
0470	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	5.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	5.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0520	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	60.000	Ft
0530	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	18.000	Ft
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,000.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,250.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,000.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,250.000	Ft
0580	Recessing Pavt Mrkg, Transv	8110451	96.000	Sft
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0610	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0620	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0630	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	300.000	Ft
0660	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0680	Sign Cover	8120310	1.000	Ea
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft

0700	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	36.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	36.000	Sft
0730	Traf Regulator Control	8120370	1.000	LSUM
0740	Mulch Blanket	8160027	2,000.000	Syd
0750	_ Surface Restoration	8167011	4,600.000	Syd
0760	Monument Box	8210001	1.000	Ea
0770	Monument Box Adjust	8210005	1.000	Ea
0780	Monument Preservation	8210010	1.000	Ea
0790	Gate Box, Adj, Case 1	8230431	5.000	Ea
0800	_ Hydrant, Adj	8237050	1.000	Ea
0810	_ Water Main Conflict, 12 inch	8237050	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 061

Letting Date: February 1, 2019

Contract ID: 67017-201131

Description: 9.17 mi of hot mix asphalt cold milling and resurfacing on US-131 from north of US-10 northerly to north of 14 Mile 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
201131A	1900256	N/A	NH 67017

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$248,400.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	25.000	Ton
0030	Shoulder, CI II	3070121	750.000	Ton
0040	Cold Milling HMA Surface	5010002	240,878.000	Syd
0050	Bump Grinding	5010004	300.000	Syd
0060	HMA Quality Initiative	5010007	54,018.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	103,114.000	Dlr
0080	Hand Patching	5010025	10.000	Ton
0090	HMA, 5E10	5010058	16,758.000	Ton
0100	HMA Approach	5010061	453.000	Ton
0110	HMA, LVSP	5010703	9,788.000	Ton
0120	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	2.000	Ea
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	100.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,633.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	56,160.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	55,598.000	Ft
0170	Pavt Mrkg, Waterborne, 12 inch, White	8110237	3,510.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	12,633.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	56,160.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	55,598.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	3,510.000	Ft
0220	Recessing Pavt Mrkg, Longit	8110450	12,103.000	Ft
0230	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,875.000	Ft

0270	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0290	Sign Cover	8120310	5.000	Ea
0300	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0320	Sign, Type A, Temp, Prismatic, Furn	8120340	16.000	Sft
0330	Sign, Type A, Temp, Prismatic, Oper	8120341	16.000	Sft
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	1,170.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	1,170.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	256.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	256.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	Shoulder Corrugations, Ground or Cut, HMA	8220001	91,255.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 062

Letting Date: February 1, 2019

Contract ID: 80023-200635

Description: 5.11 mi of concrete diamond grinding, longitudinal grooving, pavement stabilization, joint resealing, under drain cleanout and recessed pavement on I-94 westbound from M-140 to 62nd Street, Berrien and Van Buren Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200635A	1900246	N/A	IM 80023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$236,000.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, 1.5 inch	3077011	15,297.000	Syd
0030	Dr Marker Post	4011109	108.000	Ea
0040	_ Underdrain Outlet Cleanout	4047050	108.000	Ea
0050	Cold Milling HMA Surface	5010002	42,833.000	Syd
0060	HMA Quality Initiative	5010007	6,076.000	Dlr
0070	Hand Patching	5010025	10.000	Ton
0080	HMA, 5E3	5010057	3,028.000	Ton
0090	Joint, Expansion, E3	6020208	90.000	Ft
0100	Joint, Pressure Relief	6020213	85.000	Ft
0110	Crack Sealing, Conc Pavt	6030010	10,000.000	Ft
0120	Diamond Grinding Conc Pavt	6030015	79,551.000	Syd
0130	Longit Grooving of Conc Pavt	6030018	73,432.000	Syd
0140	Resealing Trans Joints with Hot-Poured Rubber	6030100	31,870.000	Ft
0150	Resealing Longit Joints with Hot-Poured Rubber	6030101	31,000.000	Ft
0160	_ Conc Repair, Non-Cementitious, Partial Depth	6037011	71.000	Syd
0170	_ Roadway Stabilization with High Density Polyurethane	6037030	78,145.000	Lb
0180	Rem Raised Pavt Marker	8110332	270.000	Ea
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0200	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Shadow Tape, Black	8110388	3,240.000	Ft
0210	Recessing Pavt Mrkg, Longit	8110450	66,500.000	Ft
0220	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	6,750.000	Ft
0230	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	27,550.000	Ft
0240	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	2,060.000	Ft
0250	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	26,997.000	Ft
0260	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea

0270	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0280	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	600.000	Ea
0290	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	600.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0320	Ltg for Night Work	8120160	1.000	LSUM
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	30,000.000	Ft
0350	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	27,000.000	Ft
0360	Sign Cover	8120310	10.000	Ea
0370	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0380	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0390	Sign, Type A, Temp, Prismatic, Furn	8120340	27.000	Sft
0400	Sign, Type A, Temp, Prismatic, Oper	8120341	27.000	Sft
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	808.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	808.000	Sft
0430	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	122.000	Sft
0440	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	122.000	Sft
0450	Shoulder Corrugations, Ground or Cut, HMA	8220001	53,994.000	Ft
0460	Contractor Staking, Road Only	8240007	1.000	LSUM
0470	Staking Plan Errors and Extras, One Person	8240020	17.000	Hr
0480	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
0490	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190201 063

Letting Date: February 1, 2019

Contract ID: 13033-202017

Description: 7.90 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs and pavement markings on I-194 from I-94 to south of Hamblin Avenue in the city of Battle Creek, Calhoun County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202017A	N/A	N/A	M 13033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$176,300.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	225.000	Ft
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	44.000	Ea
0040	Cold Milling HMA Surface	5010002	86,943.000	Syd
0050	HMA Quality Initiative	5010007	18,684.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	21,000.000	Dlr
0070	Hand Patching	5010025	3.000	Ton
0080	HMA, 4E3	5010051	7,228.000	Ton
0090	HMA, LVSP	5010703	2,111.000	Ton
0100	Joint, Contraction, Cp	6020200	108.000	Ft
0110	Conc Quality Initiative	6020401	8,094.000	Dlr
0120	Cement	6030005	7.000	Ton
0130	Joint, Contraction, Crg	6030020	1,308.000	Ft
0140	Joint, Expansion, Erg	6030021	96.000	Ft
0150	Lane Tie, Epoxy Anchored	6030030	304.000	Ea
0160	Non-Chloride Accelerator	6030035	159.000	Gal
0170	Pavt Repr, Nonreinf Conc, 10 inch	6030048	502.000	Syd
0180	Pavt Repr, Rem	6030080	502.000	Syd
0190	Saw Cut, Intermediate	6030090	314.000	Ft
0200	_ Joint, Tied, 2.5 foot, Special	6037001	5,516.000	Ft
0210	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch, Special	6037011	1,532.000	Syd
0220	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	1,532.000	Syd
0230	Guardrail, Type T	8070002	225.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,432.000	Ft
0250	Pavt Mrkg, Waterborne, 6 inch, White	8110233	17,586.000	Ft
0260	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	17,652.000	Ft
0270	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,850.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,432.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	17,586.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	17,652.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	1,850.000	Ft
0320	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,106.000	Ft
0330	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	587.000	Ft
0340	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	50.000	Ft
0350	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	68.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	68.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	17,120.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	15,840.000	Ft
0430	Plastic Drum, Fluorescent, Furn	8120252	1,600.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	1,600.000	Ea
0450	Sign Cover	8120310	20.000	Ea
0460	Sign, Portable, Changeable Message, Furn	8120330	8.000	Ea
0470	Sign, Portable, Changeable Message, Oper	8120331	8.000	Ea
0480	Sign, Type A, Temp, Prismatic, Furn	8120340	379.000	Sft
0490	Sign, Type A, Temp, Prismatic, Oper	8120341	379.000	Sft
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	1,880.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	1,880.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	378.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	378.000	Sft
0540	Shoulder Corrugations, Ground or Cut, HMA	8220001	60,700.000	Ft
0550	Contractor Staking, Road Only	8240007	1.000	LSUM
0560	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
0570	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0580	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190201 064

Letting Date: February 1, 2019

Contract ID: 74012-201408

Description: 13.03 mi of hot mix asphalt cold milling and ultra-thin overlay with joint repairs on M-25 from Canboro Road to Stein Road and on M-53 from M-46 to Severance Road, Huron and Sanilac Counties. This project includes a 2 year pavement performance warranty and a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201408A	1900248	N/A	NH 74012
201869A	1900249	N/A	NH 32011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$170,900.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	770.000	Ton
0030	HMA Quality Initiative	5010007	4,086.000	Dlr
0040	Joint and Crack, Cleanout	5010015	400.000	Ft
0050	Longitudinal Joint Density Quality Initiative	5010018	2,200.000	Dlr
0060	Pavt Joint and Crack Repr, Det 7	5010020	5,520.000	Ft
0070	Pavt Joint and Crack Repr, Det 8	5010021	3,000.000	Ft
0080	Hand Patching	5010025	1,043.000	Ton
0090	HMA, 5E3, High Stress	5010515	1,000.000	Ton
0100	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	252,841.000	Syd
0110	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	240,970.000	Syd
0120	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	125.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,173.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	33,668.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	136,830.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,173.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	33,668.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	136,830.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	720.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	720.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,	8120235	390.000	Ft

	White, Temp			
0270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,650.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	390.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,650.000	Ft
0300	Sign Cover	8120310	4.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	1,204.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,204.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Rumble Strip, Temp, Portable, Furn	8127050	24.000	Ea
0370	_ Rumble Strip, Temp, Portable, Oper	8127050	24.000	Ea
0380	Monument Box	8210001	12.000	Ea
0390	Monument Box Adjust	8210005	12.000	Ea
0400	Monument Preservation	8210010	12.000	Ea
0410	Centerline Corrugations, Milled, HMA	8220013	68,800.000	Ft
0420	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	41,620.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 065

Letting Date: February 1, 2019

Contract ID: 62032-201125

Description: 17.07 mi of overband crack filling, chip sealing, single, warranty, and fog sealing on M-37 from north of 3 Mile Road northerly to north of the north Newaygo county line, Newaygo and Lake Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201125A	1900258	N/A	ST 62032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$113,000.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	4,561.000	Ton
0030	Trenching	3070200	215.000	Sta
0040	Edge Trimming	5010009	3,500.000	Ft
0050	HMA, LVSP	5010703	1,105.000	Ton
0060	Overband Crack Fill, Lane	5020003	34.200	Lnmi
0070	Chip Seal, Single, Warranty	5050040	324,011.000	Syd
0080	_ Seal, Fog	5057011	324,011.000	Syd
0090	Delineator Reflector, Green	8100133	50.000	Ea
0100	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	450.000	Ea
0110	Delineator, Rem	8100349	161.000	Ea
0120	Post, Flexible, Delineator	8100360	225.000	Ea
0130	Post, Rigid, Delineator	8100361	50.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	112.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	86,662.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	176,997.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	112.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	86,662.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	176,997.000	Ft
0200	_ Traf Control	8127051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190201 066

Letting Date: February 1, 2019

Contract ID: 20014-200945

Description: 4.13 mi of micro-surfacing, crack filling, pavement repairs, joint repairs, shoulder corrugations and pavement markings on I-75 southbound from US-127 to US-127BR, Crawford County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200945A	1900251	N/A	NH 20014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$90,000.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,452.000	Ton
0030	HMA Surface, Rem	5010005	3,303.000	Syd
0040	Hand Patching	5010025	655.000	Ton
0050	Overband Crack Fill, Lane	5020003	16.710	Lnmi
0060	Overband Crack Fill, Ramp	5020004	1.630	Lnmi
0070	_ Overband Crack Fill, Carpool Parking Lot	5027011	20,784.000	Syd
0080	Micro-Surface, Single Cse	5040010	20,784.000	Syd
0090	Micro-Surface, Warranty	5040030	165,743.000	Syd
0100	_ Pavt Sensor, Invasive Condition, Proprietary	8007050	1.000	Ea
0110	Detectable Warning Surface	8030010	8.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0150	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	110.000	Ft
0160	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	4.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,311.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	28,327.000	Ft
0190	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	27,830.000	Ft
0200	Pavt Mrkg, Waterborne, 12 inch, White	8110237	2,680.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	28,327.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	27,830.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	2,680.000	Ft
0240	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	70.000	Ft
0250	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	5,351.000	Ft

0260	Rem Spec Mrkg	8110343	11.000	Sft
0270	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0280	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	10,835.000	Ft
0290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	64,813.000	Ft
0300	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,790.000	Ft
0310	_ Traf Control	8127051	1.000	LSUM
0320	Shoulder Corrugations, Ground or Cut, HMA	8220001	43,700.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 067

Letting Date: February 1, 2019

Contract ID: 26011-132146

Description: 1.38 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, joint repairs, drainage and pavement markings on M-61 from west of M-18 to Bowery Street and on M-18 from Maple Street to First Street in the city of Gladwin, Gladwin County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132146A	FED/STATE	N/A	ST 26011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$70,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	607.000	Ft
0030	Sidewalk, Rem	2040055	587.000	Syd
0040	Excavation, Earth	2050016	100.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0070	Aggregate Base, 4 inch	3020010	10.000	Syd
0080	Dr Structure Cover, Adj, Case 1	4030005	52.000	Ea
0090	Dr Structure Cover, Type K	4030050	4.000	Ea
0100	_ Dr Structure Repair, Add Depth, Flexible Pavt	4037001	40.000	Ft
0110	_ Dr Structure Repair, Flexible Pavt	4037050	10.000	Ea
0120	Cold Milling HMA Surface	5010002	39,940.000	Syd
0130	HMA Surface, Rem	5010005	147.000	Syd
0140	HMA Quality Initiative	5010007	7,388.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	24,615.000	Dlr
0160	Pavt Joint and Crack Repr, Det 7	5010020	1,600.000	Ft
0170	Pavt Joint and Crack Repr, Det 8	5010021	2,400.000	Ft
0180	Hand Patching	5010025	354.000	Ton
0190	HMA, 5E1, High Stress	5010514	3,280.000	Ton
0200	HMA Approach, High Stress	5010520	60.000	Ton
0210	Conc Base Cse, Nonreinf, 6 inch	6020015	139.000	Syd
0220	Curb, Conc, Det E2	8020002	36.000	Ft
0230	Curb and Gutter, Conc, Det F4	8020038	149.000	Ft
0240	Curb and Gutter, Conc, Det F6	8020040	125.000	Ft
0250	Detectable Warning Surface	8030010	276.000	Ft
0260	Curb Ramp Opening, Conc	8030030	294.000	Ft

0270	Sidewalk Ramp, Conc, 6 inch	8030036	2,556.000	Sft
0280	Sidewalk, Conc, 6 inch	8030046	2,555.000	Sft
0290	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0300	Post, Steel, 3 lb	8100371	32.000	Ft
0310	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0320	Sign, Type III, Rem	8100403	2.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	210.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	19.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0370	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	58.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,350.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,300.000	Ft
0400	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,060.000	Ft
0410	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	110.000	Ft
0420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0430	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0440	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	225.000	Ea
0450	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	225.000	Ea
0460	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,200.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,400.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,200.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,400.000	Ft
0530	Sign Cover	8120310	6.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	1,684.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	1,684.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Turf Establishment, Performance	8167011	235.000	Syd
0580	Monument Box Adjust	8210005	3.000	Ea
0590	Protect Corners	8210020	3.000	Ea
0600	Gate Box, Adj, Case 1	8230431	7.000	Ea
0610	Gate Box, Adj, Case 2	8230432	6.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190201 068

Letting Date: February 1, 2019

Contract ID: 16032-204268

Description: 3.70 mi of micro-surfacing, hot mix asphalt patching and crack seal, concrete curb, gutter, sidewalk and ramps, and pavement markings on M-27 from south of M-33 to US-23 in the city of Cheboygan, Cheboygan County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204268A	1900262	N/A	ST 16032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$49,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	180.000	Ft
0030	Sidewalk, Rem	2040055	98.000	Syd
0040	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0050	Dr Structure Cover, Type B	4030010	7.000	Ea
0060	Dr Structure Cover, Type Q	4030065	3.000	Ea
0070	HMA Surface, Rem	5010005	38.000	Syd
0080	Hand Patching	5010025	21.000	Ton
0090	HMA Crack Treatment, Lane	5020005	14.000	Lnmi
0100	Micro-Surface, Warranty	5040030	101,600.000	Syd
0110	Curb Ramp Opening, Conc	8030030	179.000	Ft
0120	Sidewalk Ramp, Conc, 4 inch	8030034	514.000	Sft
0130	Sidewalk, Conc, 4 inch	8030044	409.000	Sft
0140	_ Detectable Warning Surface, Cast Iron	8037001	107.000	Ft
0150	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,800.000	Ft
0160	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	303.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	825.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,553.000	Ft
0190	Pavt Mrkg, Waterborne, 6 inch, White	8110233	28,000.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	825.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,553.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	28,000.000	Ft
0230	Rem Spec Mrkg	8110343	3,484.000	Sft
0240	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0250	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	7.000	Ea
0260	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0270	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	5.000	Ea

0280	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0290	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	2,780.000	Ft
0300	Protective Ovly, Snowmobile Trail Crossing	8110550	90.000	Syd
0310	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0320	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	29,200.000	Ft
0330	_ Traf Control	8127051	1.000	LSUM
0340	Gate Box, Adj, Case 1	8230431	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190201 069**Letting Date:** February 1, 2019**Contract ID:** 35032-201112

Description: 4.05 mi of micro-surfacing, overband crack filling and pavement markings on US-23 from north of Andrew Drive to the north Iosco county line and from south of Ruel Road to the Tawas River, Iosco County. This project includes a 2 year pavement and performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201112A	1900255	N/A	NH 35032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$48,000.00	1500001	1.000	LSUM
0020	Overband Crack Fill, Lane	5020003	9.900	Lnmi
0030	Micro-Surface, Warranty	5040030	106,780.000	Syd
0040	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,640.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	33,030.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	41,060.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,640.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	33,030.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	41,060.000	Ft
0110	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0120	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	75,730.000	Ft
0130	_ Traffic Control	8127051	1.000	LSUM
0140	Monument Box Adjust	8210005	1.000	Ea
0150	Centerline Corrugations, Milled, HMA	8220013	15,480.000	Ft
0160	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	22,998.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 070

Letting Date: February 1, 2019

Contract ID: 33021-201055

Description: 2.69 mi of single chip seal, single course micro-surface, milled centerline corrugations and pavement markings on M-36 from M-52 to Kane Road, Ingham County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201055A	1900254	N/A	ST 33021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$33,500.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	151.000	Ton
0040	Overband Crack Fill, Lane	5020003	5.450	Lnmi
0050	Micro-Surface, Single Cse, Warranty	5040020	48,000.000	Syd
0060	_ Seal, Single Chip, Modified	5057011	48,000.000	Syd
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,265.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	28,360.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,265.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	28,360.000	Ft
0110	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	770.000	Ea
0180	Sign Cover	8120310	5.000	Ea
0190	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0200	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Pilot Car, Corrugations	8127051	1.000	LSUM
0250	Protect Corners	8210020	6.000	Ea
0260	Centerline Corrugations, Milled, HMA	8220013	14,200.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190201 071

Letting Date: February 1, 2019

Contract ID: 11013-M51901

Description: 0.19 mi of hot mix asphalt cold milling and resurfacing with sidewalk ramp upgrades and pavement markings on I-94BL (Ship Street) from east of M-63 (Main Street) to east of Church Street and on M-63 (Main Street) at I-94BL (Port Street) in the city of St. Joseph, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
M51901	N/A	N/A	M 11013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Curb and Gutter, Rem	2040020	260.000	Ft
0020	Pavt, Rem	2040050	37.000	Syd
0030	Sidewalk, Rem	2040055	187.000	Syd
0040	Excavation, Earth	2050016	28.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0060	Subbase, CIP	3010002	23.000	Cyd
0070	Aggregate Base, 3 inch	3020008	125.000	Syd
0080	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0090	Dr Structure Cover, Type B	4030010	11.000	Ea
0100	Dr Structure, Adj, Add Depth	4030280	11.000	Ft
0110	Cold Milling HMA Surface	5010002	6,136.000	Syd
0120	HMA Surface, Rem	5010005	28.000	Syd
0130	Hand Patching	5010025	6.000	Ton
0140	HMA Approach	5010061	250.000	Ton
0150	HMA, LVSP	5010703	610.000	Ton
0160	Conc Base Cse, Nonreinf, 6 inch	6020015	48.000	Syd
0170	Conc Base Cse, Nonreinf, 7 inch	6020017	22.000	Syd
0180	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	7.000	Syd
0190	Curb and Gutter, Conc, Det F3	8020037	141.000	Ft
0200	Detectable Warning Surface	8030010	88.000	Ft
0210	Curb Ramp Opening, Conc	8030030	110.000	Ft
0220	Sidewalk Ramp, Conc, 6 inch	8030036	558.000	Sft
0230	Sidewalk, Conc, 4 inch	8030044	1,119.000	Sft
0240	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0250	Post, Steel, 3 lb	8100371	42.000	Ft
0260	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0270	Sign, Type III, Rem	8100403	12.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	770.000	Ft
0290	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	232.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	104.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0320	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	225.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	625.000	Ft
0340	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0350	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0360	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0370	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	80.000	Ea
0390	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	80.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0420	Ltg for Night Work	8120160	1.000	LSUM
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	200.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	400.000	Ft
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	599.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	599.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Slope Restoration, Type A	8160100	58.000	Syd
0500	Hh, Adj	8190244	3.000	Ea
0510	Gate Box, Adj, Case 1	8230431	3.000	Ea
0520	Contractor Staking, Road Only	8240007	1.000	LSUM
0530	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0540	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0550	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 190201 072**Letting Date:** February 1, 2019**Contract ID:** 73031-113918**Description:** Hot mix asphalt removal and resurfacing, concrete sidewalk and pavement markings at the St. Charles carpool lot on M-52 at Marcy Avenue in the village of St. Charles, Saginaw County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
113918A	1900247	N/A	ST 73031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$3,100.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	33.000	Syd
0030	Aggregate Base	3020001	40.000	Ton
0040	HMA Surface, Rem	5010005	760.000	Syd
0050	HMA Quality Initiative	5010007	362.000	Dlr
0060	HMA Approach	5010061	11.000	Ton
0070	HMA, LVSP	5010703	170.000	Ton
0080	Sidewalk, Conc, 4 inch	8030044	320.000	Sft
0090	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0100	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	80.000	Ft
0110	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	540.000	Ft
0120	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0130	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0140	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0150	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0180	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0190	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	150.000	Sft
0200	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	150.000	Sft
0210	Slope Restoration, Type A	8160100	150.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190201 073

Letting Date: February 1, 2019

Contract ID: 81076-120362

Description: Install portable intermittant truck weigh station trench at the US-23 abandoned rest area, Washtenaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120362A	1900213	N/A	NH 81076

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$7,000.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	98.000	Syd
0030	Sidewalk, Rem	2040055	33.000	Syd
0040	Excavation, Earth	2050016	135.000	Cyd
0050	Erosion Control, Silt Fence	2080036	100.000	Ft
0060	Subbase, CIP	3010002	63.000	Cyd
0070	Aggregate Base, 4 inch	3020010	140.000	Syd
0080	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	131.000	Syd
0090	Joint, Contraction, Cp	6020200	112.000	Ft
0100	Lane Tie, Epoxy Anchored	6030030	60.000	Ea
0110	_ Portable Intermittant Truck Weigh Station Trench	8007050	1.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0180	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	380.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	380.000	Sft
0210	Slope Restoration, Type A	8160100	50.000	Syd
0220	Contractor Staking, Road Only	8240007	1.000	LSUM
0230	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0240	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0250	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190201 211

Letting Date: February 1, 2019

Contract ID: 41081-130935

Description: 2.05 mi of hot mix asphalt shared use path, earthwork, restoration and pavement markings on Caledonia Trails from 84th Street to Paul Henry Trail, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130935A	1900077	N/A	TA 41081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$143,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	6.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	149.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	4.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0070	Curb and Gutter, Rem	2040020	275.000	Ft
0080	Sidewalk, Rem	2040055	290.000	Syd
0090	Embankment, CIP	2050010	1,500.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0110	Erosion Control, Silt Fence	2080036	3,500.000	Ft
0120	Aggregate Base, 6 inch	3020016	14,100.000	Syd
0130	Culv End Sect, 12 inch	4010012	1.000	Ea
0140	Culv End Sect, 15 inch	4010015	1.000	Ea
0150	_ Culv, Cl A, 6 inch	4017001	15.000	Ft
0160	Sewer, Cl A, 12 inch, Tr Det B	4020033	422.000	Ft
0170	Sewer, Cl A, 15 inch, Tr Det B	4020034	651.000	Ft
0180	_ Sewer, Cl A, 4 Inch, Tr Det A	4027001	4.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0210	Dr Structure Cover, Type B	4030010	4.000	Ea
0220	Dr Structure Cover, Type G	4030040	2.000	Ea
0230	Dr Structure, 48 inch dia	4030210	6.000	Ea
0240	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0250	HMA Surface, Rem	5010005	25.000	Syd
0260	Hand Patching	5010025	10.000	Ton
0270	HMA Approach	5010061	10.000	Ton
0280	_ Pile, Treated Timber, Driven, Mod	7057001	2,025.000	Ft

0290	_ Pile, Treated Timber, Furn, Mod	7057001	2,025.000	Ft
0300	_ Test Pile, Treated Timber, Mod	7057001	24.000	Ft
0310	_ Modular Concrete Block Retaining Wall	7067010	8,286.000	Sft
0320	_ Treated Timber Retaining Wall	7067010	750.000	Sft
0330	_ 14 Foot Wide Treated Timber Boardwalk	7097001	302.000	Ft
0340	Curb, Conc, Det E4	8020004	72.000	Ft
0350	Curb and Gutter, Conc, Det B2	8020016	100.000	Ft
0360	Curb and Gutter, Conc, Det F4	8020038	20.000	Ft
0370	Detectable Warning Surface	8030010	158.000	Ft
0380	Curb Ramp Opening, Conc	8030030	183.000	Ft
0390	Sidewalk Ramp, Conc, 6 inch	8030036	1,300.000	Sft
0400	Sidewalk, Conc, 4 inch	8030044	3,665.000	Sft
0410	Sidewalk, Conc, 6 inch	8030046	940.000	Sft
0420	Shared use Path, Grading	8060030	10,200.000	Ft
0430	Shared use Path, HMA	8060040	1,990.000	Ton
0440	_ Railing, Fence	8087001	395.000	Ft
0450	Post, Steel, 3 lb	8100371	315.000	Ft
0460	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0470	Sign, Type III, Rem	8100403	5.000	Ea
0480	Sign, Type IIIA	8100404	21.000	Sft
0490	Sign, Type IIIB	8100405	93.000	Sft
0500	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	100.000	Ft
0510	_ Pavt Mrkg, Reg Dry, 12 inch, Crosswalk	8117001	1,140.000	Ft
0520	_ Pavt Mrkg, Reg Dry, 24 inch, Stop Bar	8117001	30.000	Ft
0530	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Plastic Drum, High Intensity, Furn	8120250	75.000	Ea
0570	Plastic Drum, High Intensity, Oper	8120251	75.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	440.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	440.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Riprap, Plain, LM	8130012	12.000	Cyd
0620	Mulch Blanket	8160027	7,650.000	Syd
0630	Slope Restoration, Type A	8160100	13,900.000	Syd
0640	Conduit, DB, 1, 1 1/2 inch	8190027	110.000	Ft
0650	_ Cable, P.J., 600V, 1, 2/C#16	8197001	515.000	Ft
0660	_ Cable, P.J., 600V, 1, 7/C#16	8197001	515.000	Ft
0670	Pedestal, Alum	8200100	4.000	Ea
0680	Pedestal, Fdn	8200105	4.000	Ea
0690	Pushbutton and Sign	8200121	1.000	Ea
0700	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0710	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea

0720	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0730	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0740	Gate Box, Adj, Case 1	8230431	3.000	Ea
