



Schedule of Pay Items

Report v1

Letting Call: 190906 001

Letting Date: September 6, 2019

Contract ID: 82144-204008-3

Description: 9.10 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter and sidewalk ramps, drainage, two railroad crossing improvements and pavement markings on 8 Mile Road from I-75 to I-94 in the cities of Detroit, Harper Woods, Hazel Park, Warren and Eastpointe, Macomb, Wayne and Oakland Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204008A	N/A	N/A	GF19 82144
204732A	N/A	N/A	MRR 82143

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,138,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Stump, Rem, 6 inch to 18 inch	2020008	7.000	Ea
0040	Curb and Gutter, Rem	2040020	13,471.000	Ft
0050	Pavt, Rem	2040050	22,660.000	Syd
0060	Sidewalk, Rem	2040055	1,135.000	Syd
0070	Exploratory Investigation, Vertical	2040080	200.000	Ft
0080	_ Sidewalk Ramp Layout	2047051	1.000	LSUM
0090	Embankment, CIP	2050010	800.000	Cyd
0100	Excavation, Earth	2050016	2,200.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	8.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	383.000	Ea
0130	Erosion Control, Maintenance, Sediment Removal	2080026	13.000	Cyd
0140	Erosion Control, Silt Fence	2080036	2,600.000	Ft
0150	Subbase, CIP	3010002	910.000	Cyd
0160	Aggregate Base, 6 inch	3020016	1,816.000	Syd
0170	Aggregate Base, 8 inch	3020020	3,480.000	Syd
0180	Dr Structure Cover, Adj, Case 1	4030005	342.000	Ea
0190	Dr Structure Cover, Type B	4030010	20.000	Ea
0200	Dr Structure Cover, Type D	4030025	9.000	Ea
0210	Dr Structure Cover, Type K	4030050	308.000	Ea
0220	Dr Structure, Cleaning	4030290	13.000	Ea
0230	Underdrain, Subbase, 6 inch	4040063	584.000	Ft
0240	Cold Milling HMA Surface	5010002	440,000.000	Syd
0250	HMA Surface, Rem	5010005	3,518.000	Syd

0260	HMA Quality Initiative	5010007	99,374.000	Dir
0270	Longitudinal Joint Density Quality Initiative	5010018	180,000.000	Dir
0280	Pavt Joint and Crack Repr, Det 7	5010020	95,530.000	Ft
0290	Hand Patching	5010025	10,520.000	Ton
0300	HMA, 2C	5010030	771.000	Ton
0310	HMA, 3C	5010031	578.000	Ton
0320	HMA, 4C	5010032	295.000	Ton
0330	HMA, 5E30	5010059	32,400.000	Ton
0340	HMA Approach	5010061	5,123.000	Ton
0350	Joint, Contraction, Cp	6020200	11,200.000	Ft
0360	_ Conc Pavt, Misc, Nonreinf, 15 inch	6027011	20,900.000	Syd
0370	Cement	6030005	534.000	Ton
0380	Joint, Contraction, Crg	6030020	29,000.000	Ft
0390	Lane Tie, Epoxy Anchored	6030030	9,550.000	Ea
0400	Non-Chloride Accelerator	6030035	42,000.000	Gal
0410	Pavt Repr, Rem	6030080	6,358.000	Syd
0420	Saw Cut, Intermediate	6030090	14,500.000	Ft
0430	_ Pavt Repr, Nonreinf Conc, 15 inch	6037011	6,358.000	Syd
0440	Curb and Gutter, Conc, Det F6	8020040	13,471.000	Ft
0450	Detectable Warning Surface	8030010	340.000	Ft
0460	Sidewalk Ramp, Conc, 4 inch	8030034	10,215.000	Sft
0470	Fence, Temp	8080004	1,500.000	Ft
0480	Fdn, Wood Support, Rem	8100280	5.000	Ea
0490	Post, Steel, 3 lb	8100371	148.000	Ft
0500	Post, Wood, 4 inch by 6 inch	8100380	18.000	Ft
0510	Post, Wood, 6 inch by 8 inch	8100382	70.000	Ft
0520	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0530	Sign, Type I, Rem	8100391	1.000	Ea
0540	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0550	Sign, Type II, Rem	8100397	1.000	Ea
0560	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0570	Sign, Type III, Rem	8100403	10.000	Ea
0580	Sign, Type IIIB	8100405	51.000	Sft
0590	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	400.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	2.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	2.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	84.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	26.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	31.000	Ea
0660	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	6,950.000	Ft
0670	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	100.000	Ft
0680	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	5,300.000	Ft
0690	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	108,800.000	Ft

0700	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,610.000	Ft
0710	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	300.000	Ft
0720	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,650.000	Ft
0730	Rem Spec Mrkg	8110343	1,500.000	Sft
0740	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0750	_ Pavt Mrkg, Methyl Methacrylate, 60 inch, Green	8117001	250.000	Ft
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	140.000	Ea
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	140.000	Ea
0780	Pedestrian Type II Barricade, Temp	8120026	36.000	Ea
0790	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	6.000	Ea
0800	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	7.000	Ea
0810	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	7.000	Ea
0820	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0830	Conc Barrier Reflector Replacement	8120070	100.000	Ea
0840	Conc Barrier, Temp, Adj	8120080	1,900.000	Ft
0850	Conc Barrier, Temp, Furn	8120081	1,900.000	Ft
0860	Conc Barrier, Temp, Oper	8120082	1,900.000	Ft
0870	High Intensity Light, Type B, Furn	8120110	5.000	Ea
0880	High Intensity Light, Type B, Oper	8120111	5.000	Ea
0890	Lighted Arrow, Type C, Furn	8120140	36.000	Ea
0900	Lighted Arrow, Type C, Oper	8120141	36.000	Ea
0910	Ltg for Night Work	8120160	1.000	LSUM
0920	Minor Traf Devices	8120170	1.000	LSUM
0930	Mobile Attenuator	8120180	6.000	Ea
0940	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,000.000	Ft
0950	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,000.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	50,500.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,900.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	27,650.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	28,700.000	Ft
1000	Plastic Drum, Fluorescent, Furn	8120252	1,550.000	Ea
1010	Plastic Drum, Fluorescent, Oper	8120253	1,550.000	Ea
1020	Sign Cover	8120310	80.000	Ea
1030	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
1040	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
1050	Sign, Type A, Temp, Prismatic, Furn	8120340	300.000	Sft
1060	Sign, Type A, Temp, Prismatic, Oper	8120341	300.000	Sft
1070	Sign, Type B, Temp, Prismatic, Furn	8120350	9,000.000	Sft
1080	Sign, Type B, Temp, Prismatic, Oper	8120351	9,000.000	Sft
1090	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	580.000	Sft

1100	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	580.000	Sft
1110	Traf Regulator Control	8120370	1.000	LSUM
1120	_ Bus Stop, Temp	8127050	22.000	Ea
1130	Site Preparation, Max \$960.00	8150001	1.000	LSUM
1140	Watering and Cultivating, First Season, Min \$540.00	8150002	1.000	LSUM
1150	Watering and Cultivating, Second Season, Min \$670.00	8150003	1.000	LSUM
1160	Aesculus x carnea Briotii, 2 inch	8150292	3.000	Ea
1170	Syringa reticulata Ivory Silk, 1 3/4 inch	8153717	4.000	Ea
1180	Tilia cordata Greenspire, 2 inch	8153862	4.000	Ea
1190	Ulmus americana Valley Forge, 2 inch	8153912	3.000	Ea
1200	Water, Sodding/Seeding	8160090	10.000	Unit
1210	Slope Restoration, Type A	8160100	6,837.000	Syd
1220	Monument Box	8210001	4.000	Ea
1230	Monument Box Adjust	8210005	4.000	Ea
1240	Monument Preservation	8210010	4.000	Ea
1250	Contractor Staking, Road Only	8240007	1.000	LSUM
1260	Staking Plan Errors and Extras, One Person	8240020	29.000	Hr
1270	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr
1280	Staking Plan Errors and Extras, Three Person	8240022	17.000	Hr
1290	_ Railroad Protection, at Grade Crossing	8507060	30,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190906 002

Letting Date: September 6, 2019

Contract ID: 68000-202334-2

Description: 3.21 mi of hot mix asphalt resurfacing, aggregate shoulders, signing and pavement markings on Town Line Road from south of Lyle Road to the north Oscoda county line, Oscoda County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202334A	1900498	N/A	STL 68000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,500.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	42.000	Syd
0030	_ Approach, CI I, Modified	3077031	5.000	Ton
0040	_ Shoulder, CI II, Modified	3077031	1,050.000	Ton
0050	HMA Approach	5010061	5.000	Ton
0060	_ HMA, LVSP, Modified	5017031	4,810.000	Ton
0070	Fdn, Wood Support, Rem	8100280	6.000	Ea
0080	Post, Steel, 3 lb	8100371	874.000	Ft
0090	Sign, Type IIB	8100399	32.000	Sft
0100	Sign, Type IIIA	8100404	151.000	Sft
0110	Sign, Type IIIB	8100405	158.000	Sft
0120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0130	_ Sign, Type II, Rem, Modified	8107050	3.000	Ea
0140	_ Sign, Type III, Rem, Modified	8107050	49.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	34,200.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,588.000	Ft
0170	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	100.000	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, Yellow, Temp	8120246	2,850.000	Ft
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	Monument Box Adjust	8210005	7.000	Ea

**Schedule of Pay Items**

Report v1

Letting Call: 190906 003**Letting Date:** September 6, 2019**Contract ID:** 63102-132944-2

Description: Pump station rehabilitation along I-696 westbound at the Rouge River in the city of Southfield, Oakland County. Please see the Notice to Bidders for Determination of Lowest Successful Bidder for more information.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132944A	1801122	N/A	ST 63102

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$137,100.00	1500001	1.000	LSUM
Section: 2				
0020	_ Miscellaneous Metals, Rem (D01 of 63102)	2047051	1.000	LSUM
0030	Excavation, Earth	2050016	42.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0050	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0070	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0080	Erosion Control, Silt Fence	2080036	245.000	Ft
0090	Aggregate Base, 6 inch	3020016	74.000	Syd
0100	_ Inspect Discharge Pipe	4057050	4.000	Ea
0110	_ Submersible Pump (D01 of 63102)	4057050	1.000	Ea
0120	_ Bypass Pumping (D01 of 63102)	4057051	1.000	LSUM
0130	_ Pump Station Metal Work, Misc (D01 of 63102)	4057051	1.000	LSUM
0140	_ Pump Station Special Coatings (D01 of 63102)	4057051	1.000	LSUM
0150	HMA Surface, Rem	5010005	27.000	Syd
0160	HMA Quality Initiative	5010007	10.000	Dlr
0170	Hand Patching	5010025	5.000	Ton
0180	Conc, Grade D	7060010	1.000	Cyd
0190	Reinforcement, Steel	7060090	167.000	Lb
0200	_ Expansive Waterstop	7067001	53.000	Ft
0210	Structural Steel, Rolled Shape, Erect	7070070	915.000	Lb
0220	Structural Steel, Rolled Shape, Furn and Fab (D01 of 63102)	7070071	915.000	Lb
0230	_ Conc Surface Coating (D01 of 63102)	7107051	1.000	LSUM
0240	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	12.000	Ea

0250	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	82.000	Ea
0260	_ Column Repair	8007001	200.000	Ft
0270	_ Bowl Assembly Repair	8007050	4.000	Ea
0280	_ Discharge Head Repair	8007050	4.000	Ea
0290	_ Enclosing Tube Bearings	8007050	4.000	Ea
0300	_ Enclosing Tubes	8007050	4.000	Ea
0310	_ Head Shaft	8007050	4.000	Ea
0320	_ Impeller Repair	8007050	4.000	Ea
0330	_ Intermediate Shaft	8007050	4.000	Ea
0340	_ Lineshaft Coupling	8007050	24.000	Ea
0350	_ Motor, Rem and Refurbish (D01 of 63102)	8007050	4.000	Ea
0360	_ Pump Inspection and General Maintenance	8007050	4.000	Ea
0370	_ Pump Shaft	8007050	4.000	Ea
0380	Driveway, Nonreinf Conc, 8 inch	8010007	57.000	Syd
0390	Fence Gate, 16 foot, for 72 inch Chain Link Fence	8080063	1.000	Ea
0400	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	84.000	Ft
0410	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Plastic Drum, Fluorescent, Furn	8120252	61.000	Ea
0470	Plastic Drum, Fluorescent, Oper	8120253	61.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
0540	Slope Restoration, Type A	8160100	103.000	Syd
0550	_ Current Transformer Cabinet and ServiceDisconnect (D01 of 63102)	8197050	1.000	Ea
0560	_ Electrical, Rem (D01 of 63102)	8197051	1.000	LSUM
0570	_ Pump Station Equipment, Electrical, Modified (D01 of 63102)	8197051	1.000	LSUM
0580	Contractor Staking, Road Only	8240007	1.000	LSUM
0590	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0600	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0610	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
0620	_ Repair Discharge Pipe	8507010	500.000	Sft
0630	_ Temp Power System (D01 of 63102)	8507041	10.000	Cday

Section: 3

0640	_ Miscellaneous Metals, Rem (D01 of 63102)	2047051	1.000	LSUM
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0650	Excavation, Earth	2050016	42.000	Cyd
0660	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0670	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0680	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0690	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0700	Erosion Control, Silt Fence	2080036	245.000	Ft
0710	Aggregate Base, 6 inch	3020016	74.000	Syd
0720	_ Inspect Discharge Pipe	4057050	4.000	Ea
0730	_ Submersible Pump (D01 of 63102)	4057050	1.000	Ea
0740	_ Bypass Pumping (D01 of 63102)	4057051	1.000	LSUM
0750	_ Pump Station Metal Work, Misc (D01 of 63102)	4057051	1.000	LSUM
0760	_ Pump Station Special Coatings (D01 of 63102)	4057051	1.000	LSUM
0770	HMA Surface, Rem	5010005	27.000	Syd
0780	HMA Quality Initiative	5010007	10.000	Dlr
0790	Hand Patching	5010025	5.000	Ton
0800	Conc, Grade D	7060010	1.000	Cyd
0810	Reinforcement, Steel	7060090	167.000	Lb
0820	_ Expansive Waterstop	7067001	53.000	Ft
0830	Structural Steel, Rolled Shape, Erect	7070070	915.000	Lb
0840	Structural Steel, Rolled Shape, Furn and Fab (D01 of 63102)	7070071	915.000	Lb
0850	_ Conc Surface Coating (D01 of 63102)	7107051	1.000	LSUM
0860	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	12.000	Ea
0870	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	82.000	Ea
0880	_ Column Repair	8007001	200.000	Ft
0890	_ Bowl Assembly Repair	8007050	4.000	Ea
0900	_ Discharge Head Repair	8007050	4.000	Ea
0910	_ Enclosing Tube Bearings	8007050	4.000	Ea
0920	_ Enclosing Tubes	8007050	4.000	Ea
0930	_ Head Shaft	8007050	4.000	Ea
0940	_ Impeller Repair	8007050	4.000	Ea
0950	_ Intermediate Shaft	8007050	4.000	Ea
0960	_ Lineshaft Coupling	8007050	24.000	Ea
0970	_ Motor, Rem and Refurbish (D01 of 63102)	8007050	4.000	Ea
0980	_ Pump Inspection and General Maintenance	8007050	4.000	Ea
0990	_ Pump Shaft	8007050	4.000	Ea
1000	Driveway, Nonreinf Conc, 8 inch	8010007	57.000	Syd
1010	Fence Gate, 16 foot, for 72 inch Chain Link Fence	8080063	1.000	Ea
1020	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	84.000	Ft
1030	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
1040	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
1050	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
1060	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
1070	Minor Traf Devices	8120170	1.000	LSUM

1080	Plastic Drum, Fluorescent, Furn	8120252	61.000	Ea
1090	Plastic Drum, Fluorescent, Oper	8120253	61.000	Ea
1100	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
1110	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
1120	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
1130	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
1140	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
1150	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
1160	Slope Restoration, Type A	8160100	103.000	Syd
1170	_ Current Transformer Cabinet and ServiceDisconnect (D01 of 63102)	8197050	1.000	Ea
1180	_ Electrical, Rem (D01 of 63102)	8197051	1.000	LSUM
1190	_ Pump Station Equipment, Electrical, Modified (D01 of 63102)	8197051	1.000	LSUM
1200	Contractor Staking, Road Only	8240007	1.000	LSUM
1210	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
1220	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
1230	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
1240	_ Repair Discharge Pipe	8507010	500.000	Sft
1250	_ Temp Power System (D01 of 63102)	8507041	10.000	Cday



Schedule of Pay Items

Report v1

Letting Call: 190906 004

Letting Date: September 6, 2019

Contract ID: 70139-126424

Description: 3.10 mi of hot mix asphalt shared use path, concrete pavement, curb, gutter, sidewalk and ramps, drainage, fencing and pavement markings along North Bank Trail from 130th Avenue to 112th Avenue in the village of Spring Lake, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126424A	1900931	N/A	TA 70139

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$155,900.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	33.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	260.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0050	Fence, Rem	2040025	2,109.000	Ft
0060	Pavt, Rem	2040050	734.000	Syd
0070	Sidewalk, Rem	2040055	345.000	Syd
0080	Embankment, CIP	2050010	500.000	Cyd
0090	Excavation, Earth	2050016	500.000	Cyd
0100	_ Ditching	2057002	6.000	Sta
0110	_ Machine Grading, Trailhead	2057011	764.000	Syd
0120	Erosion Control, Check Dam, Stone	2080012	54.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0140	Erosion Control, Silt Fence	2080036	6,225.000	Ft
0150	Subbase, CIP	3010002	500.000	Cyd
0160	Aggregate Base, 6 inch	3020016	17,137.000	Syd
0170	Aggregate Surface Cse, 8 inch	3060012	413.000	Syd
0180	Culv End Sect, 12 inch	4010012	2.000	Ea
0190	Culv End Sect, Metal, 15 inch	4010095	1.000	Ea
0200	Culv End Sect, Metal, 36 inch	4010100	2.000	Ea
0210	Culv, CI A, 12 inch	4010131	193.000	Ft
0220	Culv, CI A, 15 inch	4010132	105.000	Ft
0230	Culv, CI A, 36 inch	4010136	67.000	Ft
0240	Sewer, CI A, 12 inch, Tr Det B	4020033	70.000	Ft
0250	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0260	Dr Structure Cover, Type B	4030010	2.000	Ea
0270	Dr Structure Cover, Type D	4030025	2.000	Ea

0280	Dr Structure Cover, Type E	4030035	2.000	Ea
0290	Dr Structure Cover, Type K	4030050	2.000	Ea
0300	Dr Structure, 24 inch dia	4030200	2.000	Ea
0310	Dr Structure, 48 inch dia	4030210	6.000	Ea
0320	Dr Structure, 72 inch dia	4030230	1.000	Ea
0330	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0340	Hand Patching	5010025	10.000	Ton
0350	HMA Approach	5010061	304.000	Ton
0360	Conc Pavt, Nonreinf, 8 inch	6020104	433.000	Syd
0370	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0380	Pile, Treated Timber, Furn	7050010	1,120.000	Ft
0390	Pile, Treated Timber, Driven	7050011	1,000.000	Ft
0400	Test Pile, Treated Timber	7050015	1.000	Ea
0410	_ Modular Block Wall	7067010	1,275.000	Sft
0420	_ Boardwalk	7097001	195.000	Ft
0430	Curb, Conc, Det E2	8020002	169.000	Ft
0440	Curb and Gutter, Conc, Det F4	8020038	568.000	Ft
0450	Driveway Opening, Conc, Det M	8020050	309.000	Ft
0460	Detectable Warning Surface	8030010	124.000	Ft
0470	Sidewalk Ramp, Conc, 6 inch	8030036	567.000	Sft
0480	Sidewalk, Conc, 4 inch	8030044	7,044.000	Sft
0490	Sidewalk, Conc, 6 inch	8030046	2,307.000	Sft
0500	Shared use Path, Grading	8060030	13,727.000	Ft
0510	Shared use Path, HMA	8060040	2,599.000	Ton
0520	Post, Mailbox	8070095	1.000	Ea
0530	Fence, Woven Wire with Steel Post	8080002	417.000	Ft
0540	Fence, Chain Link, 72 inch	8080013	1,966.000	Ft
0550	Fence Gate, 16 foot, for 72 inch Chain Link Fence	8080063	2.000	Ea
0560	_ Fence, Rustic Split Rail	8087001	31.000	Ft
0570	Post, Steel, 3 lb	8100371	276.000	Ft
0580	Post, Wood, 4 inch by 6 inch, Direct Embedment	8100381	240.000	Ft
0590	Sign, Type IIIA	8100404	30.000	Sft
0600	Sign, Type IIIB	8100405	194.000	Sft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	36.000	Ft
0620	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	480.000	Ft
0630	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	112.000	Ft
0640	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
0650	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	120.000	Ft
0660	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	180.000	Ft
0670	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Plastic Drum, High Intensity, Furn	8120250	130.000	Ea

0710	Plastic Drum, High Intensity, Oper	8120251	130.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0740	Riprap, Heavy, LM	8130007	7.000	Cyd
0750	Riprap, Plain	8130010	357.000	Syd
0760	Mulch Blanket	8160027	2,000.000	Syd
0770	Slope Restoration, Type A	8160100	32,250.000	Syd
0780	_ Utility Electric	8197060	6,000.000	Dlr
0790	Water Shutoff, Adj, Case 2	8230422	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190906 005

Letting Date: September 6, 2019

Contract ID: 01141-130314

Description: 0.57 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, drainage, signing and pavement markings on Barlow Road from the south village limits north to Main Street in the village of Lincoln, Alcona County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130314A	1900956	N/A	STL 01141
202891A	1900944	N/A	HSIP 01000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,100.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	1.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	16.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Curb and Gutter, Rem	2040020	374.000	Ft
0060	Embankment, CIP	2050010	1,580.000	Cyd
0070	Excavation, Earth	2050016	3,480.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	250.000	Ft
0090	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0100	Erosion Control, Silt Fence	2080036	250.000	Ft
0110	Subbase, CIP	3010002	1,300.000	Cyd
0120	_ Aggregate Base, Modified	3027031	895.000	Ton
0130	HMA Base Crushing and Shaping	3050002	7,071.000	Syd
0140	Maintenance Gravel	3060020	150.000	Ton
0150	Trenching	3070200	12.000	Sta
0160	_ Approach, CI I, Modified	3077031	293.000	Ton
0170	_ Approach, CI II, Modified	3077031	28.000	Ton
0180	_ Shoulder, CI II, Modified	3077031	154.000	Ton
0190	Culv, CI E, 18 inch	4010541	62.000	Ft
0200	Culv, CI F, 15 inch	4010608	268.000	Ft
0210	_ Culv, CI F, 15 inch, Modified	4017001	176.000	Ft
0220	Sewer, CI E, 18 inch, Tr Det B	4020602	168.000	Ft
0230	Dr Structure Cover, Type G	4030040	1.000	Ea
0240	Dr Structure, 48 inch dia	4030210	1.000	Ea
0250	HMA Surface, Rem	5010005	691.000	Syd
0260	HMA Approach	5010061	376.000	Ton

0270	HMA, LVSP	5010703	1,774.000	Ton
0280	_ HMA Valley Gutter	5017001	671.000	Ft
0290	_ Cold Milling HMA Surface, Modified	5017011	5,647.000	Syd
0300	Curb and Gutter, Conc, Det F4	8020038	1,094.000	Ft
0310	Driveway Opening, Conc, Det M	8020050	191.000	Ft
0320	_ Post, Mailbox, Modified	8077050	5.000	Ea
0330	Post, Steel, 3 lb	8100371	341.000	Ft
0340	Sign, Type IIB	8100399	8.000	Sft
0350	Sign, Type IIIA	8100404	58.000	Sft
0360	Sign, Type IIIB	8100405	101.000	Sft
0370	_ Sign, Type II, Rem, Modified	8107050	1.000	Ea
0380	_ Sign, Type III, Rem, Modified	8107050	26.000	Ea
0390	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	74.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,596.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,822.000	Ft
0420	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	35.000	Ea
0430	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0440	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0450	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0460	Channelizing Device, 42 inch, Furn	8120030	65.000	Ea
0470	Channelizing Device, 42 inch, Oper	8120031	65.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	400.000	Ft
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	Ditch, Plain Cobble	8140005	350.000	Syd
0560	_ Slope Restoration	8167002	23.000	Sta



Schedule of Pay Items

Report v1

Letting Call: 190906 006

Letting Date: September 6, 2019

Contract ID: 36555-130463

Description: 1.52 mi of hot mix asphalt crushing, shaping and resurfacing and aggregate shoulders on County Road 424 from Kolbas to County Road 639, Iron County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130463A	1900967	N/A	STL 36555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
10	Mobilization, Max \$42,300.00	1500001	1.000	LSUM
100	Guardrail, Type B	8070000	276.000	Ft
110	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
120	Guardrail Reflector	8070080	6.000	Ea
130	Post, Steel, 3 lb	8100371	96.000	Ft
140	Sign, Type III, Rem	8100403	6.000	Ea
150	Sign, Type IIIA	8100404	19.000	Sft
160	Sign, Type IIIB	8100405	23.000	Sft
170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,714.000	Ft
180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,298.000	Ft
190	Recessing Pavt Mrkg, Longit	8110450	16,052.000	Ft
20	Guardrail, Rem	2040035	276.000	Ft
200	Pavt Mrkg, Modified Urethane, 4 inch, Yellow	8110541	16,052.000	Ft
210	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
220	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
230	Minor Traf Devices	8120170	1.000	LSUM
240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	642.000	Ft
250	Sign, Type B, Temp, Prismatic, Furn	8120350	368.000	Sft
260	Sign, Type B, Temp, Prismatic, Oper	8120351	368.000	Sft
270	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
280	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
290	Traf Regulator Control	8120370	1.000	LSUM
30	Aggregate Base, 3 inch	3020008	14,100.000	Syd
40	HMA Base Crushing and Shaping	3050002	26,753.000	Syd
50	Approach, CI I, 3 inch	3070005	313.000	Syd
60	Approach, CI II, 3 inch	3070025	847.000	Syd
70	Shoulder, CI II, 3 inch	3070125	2,820.000	Syd

80	Shoulder, CI II, 4 inch	3070126	2,531.000	Syd
90	HMA, LVSP	5010703	4,240.000	Ton

**Schedule of Pay Items**

Report v1

Letting Call: 190906 007**Letting Date:** September 6, 2019**Contract ID:** 27430-133039

Description: 1.76 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, aggregate base and shoulders and pavement markings on East Ayer Street from Lake Street to Lowell Street and on Country Club Road from East Ayer Street to US Highway 2 in the City of Ironwood , Gogebic County . This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133039A	1900935	N/A	STUL 27430

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	265.000	Ft
0030	Sidewalk, Rem	2040055	168.000	Syd
0040	Subgrade Undercutting, Type II	2050041	40.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0060	Aggregate Base	3020001	847.000	Ton
0070	HMA Base Crushing and Shaping	3050002	4,167.000	Syd
0080	Approach, CI II	3070021	32.000	Ton
0090	Shoulder, CI II	3070121	228.000	Ton
0100	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0110	Cold Milling HMA Surface	5010002	18,297.000	Syd
0120	HMA Surface, Rem	5010005	529.000	Syd
0130	Hand Patching	5010025	5.000	Ton
0140	HMA, 5E1	5010056	2,241.000	Ton
0150	HMA Approach	5010061	208.000	Ton
0160	Curb and Gutter, Conc, Det C2	8020021	200.000	Ft
0170	Detectable Warning Surface	8030010	178.000	Ft
0180	Curb Ramp Opening, Conc	8030030	265.000	Ft
0190	Sidewalk Ramp, Conc, 4 inch	8030034	1,415.000	Sft
0200	Post, Mailbox	8070095	5.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	2.000	Ea
0220	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	540.000	Ft
0230	Pavt Mrkg, Polyurea, Xing	8110102	2.000	Ea
0240	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	198.000	Ft
0250	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	182.000	Ft
0260	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	54.000	Ft
0270	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	348.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,124.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,274.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	244.000	Ft
0320	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0330	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0340	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	456.000	Ft
0350	Recessing Pavt Mrkg, Longit	8110450	18,785.000	Ft
0360	Recessing Pavt Mrkg, Transv	8110451	4,315.000	Sft
0370	Protective Ovly, Snowmobile Trail Crossing	8110550	42.000	Syd
0380	_ Pavt Mrkg, Waterborne, 4 inch, Blue	8117001	40.000	Ft
0390	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	255.000	Ft
0430	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	122.000	Ft
0440	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0450	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	2,476.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	2,476.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	56.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	56.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Gate Box, Adj, Case 1	8230431	18.000	Ea



8/9/2019 10:06 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190906 008

Letting Date: September 6, 2019

Contract ID: 43000-203415

Description: Guardrail improvements at six locations on State Road from 6 Mile Road to 8 Mile Road and over the Pine River, Lake County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203415A	1900943	N/A	HSIP 43000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,000.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	500.000	Cyd
0030	Excavation, Earth	2050016	250.000	Cyd
0040	Erosion Control, Silt Fence	2080036	4,550.000	Ft
0050	Shoulder, CI II	3070121	520.000	Ton
0060	Bridge Railing, Thrie Beam Retrofit	7110006	225.000	Ft
0070	Guardrail, Type B	8070000	3,239.000	Ft
0080	Guardrail Anch, Bridge, Det A2	8070021	4.000	Ea
0090	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0100	Guardrail Approach Terminal, Type 2B	8070042	20.000	Ea
0110	Guardrail, Salv	8070075	2,997.000	Ft
0120	Guardrail Reflector	8070080	152.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0170	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	216.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	216.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0210	Mulch Blanket, High Velocity	8160028	4,350.000	Syd
0220	_ Slope Restoration, Modified	8167011	4,350.000	Syd



8/9/2019 10:06 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190906 009

Letting Date: September 6, 2019

Contract ID: 55141-129722

Description: Application of pavement markings on various routes, Menominee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129722A	1900959	N/A	STL 55141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,500.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	860,472.000	Ft
0030	Minor Traf Devices	8120170	1.000	LSUM
0040	Traf Regulator Control	8120370	1.000	LSUM



8/9/2019 10:06 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190906 010**Letting Date:** September 6, 2019**Contract ID:** 81000-201828-2**Description:** Bridge removal and replacement with an aluminum box culvert and approach work on Cavanaugh Lake Road over Mill Creek, Washtenaw County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201828A	1900371	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Inspection and Flagging	1027060	45,000.000	Dlr
0020	_ Railroad Protection	1027060	20,000.000	Dlr
0030	Mobilization, Max \$41,700.00	1500001	1.000	LSUM
0040	Clearing	2010001	0.010	Acre
0050	Embankment, CIP	2050010	150.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0080	Erosion Control, Filter Bag	2080014	4.000	Ea
0090	Erosion Control, Gravel Filter Berm	2080018	50.000	Ft
0100	Erosion Control, Maintenance, Sediment Removal	2080026	4.000	Cyd
0110	Erosion Control, Sediment Trap	2080034	1.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,080.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	_ Aggregate Base, 6 inch, Modified	3027011	236.000	Syd
0150	_ Shoulder, CI II, 9 inch, Modified	3077011	27.000	Syd
0160	HMA Surface, Rem	5010005	160.000	Syd
0170	Conc Pavt, Nonreinf, 9 inch	6020106	160.000	Syd
0180	Joint, Contraction, Cp	6020200	124.000	Ft
0190	Shoulder, Nonreinf Conc	6020222	47.000	Syd
0200	Conc, Low Temperature Protection	7060020	52.000	Cyd
0210	Guardrail, Type MGS-8	8070004	50.000	Ft
0220	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0230	Guardrail Reflector	8070080	16.000	Ea
0240	Post, Mailbox	8070095	1.000	Ea
0250	_ Guardrail Long Span, Det MGS-3	8077050	2.000	Ea
0260	Sign, Type III, Rem	8100403	6.000	Ea
0270	_ Flexible Guardrail Delineator (White)	8107050	10.000	Ea

0280	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,080.000	Ft
0290	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	675.000	Ft
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0340	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	224.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	224.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	288.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	288.000	Sft
0390	_ Turf Establishment, Performance	8167011	220.000	Syd
0400	_ Contractor Staking, Modified	8247051	1.000	LSUM

Section: 2

0410	Structures, Rem (SN 14050)	2040060	1.000	LSUM
0420	Excavation, Peat	2050017	10.000	Cyd
0430	Excavation, Fdn	2060010	1,038.000	Cyd
0440	_ Backfill, Structure, Modified	2067021	603.000	Cyd
0450	_ Culv Bedding, Box Culv, Modified	2067021	118.000	Cyd
0460	Geotextile, Separator	3080005	240.000	Syd
0470	_ Culv, Aluminum Box, 22 foot 6 inch by 8 foot 1 inch	4067001	40.000	Ft
0480	_ Bypass Pumping	7047050	1.000	Ea
0490	_ Construction Dam	7047050	1.000	Ea
0500	False Decking	7060060	700.000	Sft
0510	_ Riprap, Plain, Modified	8137011	76.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190906 011

Letting Date: September 6, 2019

Contract ID: 38000-206575

Description: 1.68 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Michigan Avenue from the east village limit to the west village limit of Grass Lake and on North Union Street from the north village limit of Grass Lake to Michigan Avenue in the village of Grass Lake, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206575A	1900957	N/A	STL 38000

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	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0030	Cold Milling HMA Surface	5010002	28,816.000	Syd
0040	HMA, 5E1	5010056	3,000.000	Ton
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,000.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	326.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,058.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,406.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,058.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,406.000	Ft
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	500.000	Ft
0160	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,690.000	Ft
0170	Witness, Log, \$1,000.00	8110350	1.000	Dlr
0180	_ Pavt Mrkg, Ovly Cold Plastic, Accessible Symbol	8117050	8.000	Ea
0190	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0200	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	200.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	750.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120245	200.000	Ft

	White, Temp			
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	750.000	Ft
0260	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0270	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0280	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	300.000	Sft
0290	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	300.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Gate Box, Adj, Case 1	8230431	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190906 012

Letting Date: September 6, 2019

Contract ID: 35000-131028-2

Description: 2.73 mi of hot mix asphalt shared use path, boardwalk, prefabricated steel bridges, concrete substructure, curb, gutter, sidewalk and ramps, steel sheet piling, piles, water main, drainage and pavement markings along River Road and Mill Street from Pine Crest Trail to US-23, Iosco County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131028A	1900809	N/A	TA 35000
207863A	FLAP043	N/A	FLAP 35000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$196,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.390	Acre
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	22.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0060	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0070	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0080	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0090	Culv, End, Rem, Less than 24 inch	2030005	11.000	Ea
0100	Dr Structure, Rem	2030011	2.000	Ea
0110	Sewer, Rem, Less than 24 inch	2030015	160.000	Ft
0120	Curb and Gutter, Rem	2040020	947.000	Ft
0130	Guardrail, Rem	2040035	392.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0150	Pavt, Rem	2040050	60.000	Syd
0160	Sidewalk, Rem	2040055	202.000	Syd
0170	Exploratory Investigation, Vertical	2040080	50.000	Ft
0180	Ditch Cleanout	2050006	2.000	Sta
0190	Embankment, CIP	2050010	97.000	Cyd
0200	Excavation, Earth	2050016	195.000	Cyd
0210	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0220	_ Subgrade Undercutting, Type II, Special	2057021	500.000	Cyd
0230	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0240	Erosion Control, Silt Fence	2080036	1,825.000	Ft
0250	Subbase, CIP	3010002	652.000	Cyd

0260	Aggregate Base, 3 inch	3020008	113.000	Syd
0270	Aggregate Base, 8 inch	3020020	267.000	Syd
0280	Maintenance Gravel	3060020	500.000	Ton
0290	_ Approach, CI I, 6 inch, Modified	3077011	152.000	Syd
0300	_ Approach, CI I, 8 inch, Modified	3077011	205.000	Syd
0310	_ Approach, CI II, 4 inch, Modified	3077011	360.000	Syd
0320	_ Shoulder, CI II, Modified	3077031	39.000	Ton
0330	Geotextile, Stabilization	3080010	111.000	Syd
0340	Culv End Sect, 12 inch	4010012	1.000	Ea
0350	Sewer, CI IV, 12 inch, Tr Det B	4020987	117.000	Ft
0360	Sewer Tap, 12 inch	4021204	2.000	Ea
0370	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0380	Dr Structure Cover, Adj, Case 2	4030006	14.000	Ea
0390	Dr Structure Cover, Type J	4030045	1.000	Ea
0400	Dr Structure Cover, Type K	4030050	2.000	Ea
0410	Dr Structure, 48 inch dia	4030210	1.000	Ea
0420	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0430	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0440	_ Dr Structure, 36 inch dia	4037050	2.000	Ea
0450	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0460	HMA Surface, Rem	5010005	1,601.000	Syd
0470	Hand Patching	5010025	60.000	Ton
0480	HMA Approach	5010061	103.000	Ton
0490	Curb and Gutter, Conc, Det B2	8020016	346.000	Ft
0500	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0510	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0520	Spillway, Conc	8020075	25.000	Ft
0530	_ Curb and Gutter, Conc, Det F2, Modified	8027001	445.000	Ft
0540	Detectable Warning Surface	8030010	515.000	Ft
0550	Curb Ramp Opening, Conc	8030030	329.000	Ft
0560	Sidewalk Ramp, Conc, 6 inch	8030036	3,408.000	Sft
0570	Sidewalk, Conc, 4 inch	8030044	79.000	Sft
0580	Sidewalk, Conc, 6 inch	8030046	200.000	Sft
0590	Shared use Path, Grading	8060030	13,544.000	Ft
0600	Shared use Path, HMA	8060040	2,130.000	Ton
0610	_ Shared Use Path Fence	8067001	667.000	Ft
0620	_ Shared use Path, Aggregate, 6 inch	8067011	16,857.000	Syd
0630	Guardrail, Type T	8070002	112.000	Ft
0640	Guardrail Anch, Bridge, Det T6	8070027	4.000	Ea
0650	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0660	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0670	Post, Mailbox	8070095	30.000	Ea
0680	Post, Steel, 3 lb	8100371	1,510.000	Ft
0690	Sign, Type III, Rem	8100403	30.000	Ea
0700	Sign, Type IIIA	8100404	123.000	Sft

0710	Sign, Type IIIB	8100405	286.000	Sft
0720	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0730	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0740	_ Sign, Type IIIA, Modified	8107010	31.000	Sft
0750	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,493.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	327.000	Ft
0770	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	60.000	Ft
0780	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0790	Pavt Mrkg, Waterborne, 4 inch, White	8110231	445.000	Ft
0800	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	320.000	Ft
0810	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	445.000	Ft
0820	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	320.000	Ft
0830	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0840	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0850	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0860	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0870	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0880	Minor Traf Devices	8120170	1.000	LSUM
0890	Plastic Drum, High Intensity, Furn	8120250	275.000	Ea
0900	Plastic Drum, High Intensity, Oper	8120251	275.000	Ea
0910	Sign Cover	8120310	12.000	Ea
0920	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0930	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0940	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	250.000	Sft
0950	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	250.000	Sft
0960	Traf Regulator Control	8120370	1.000	LSUM
0970	Riprap, Plain	8130010	100.000	Syd
0980	_ Non Selective Weed Spray Under Asphalt	8167010	151,695.000	Sft
0990	_ Slope Restoration, Modified	8167011	14,600.000	Syd
1000	Wood Pole, Rem	8190505	2.000	Ea
1010	Fire Hydrant	8230040	7.000	Ea
1020	Gate Valve and Box, 6 inch	8230051	7.000	Ea
1030	Gate Valve and Box, 10 inch	8230053	4.000	Ea
1040	Hydrant, Rem	8230091	7.000	Ea
1050	Water Main, 10 inch, Cut and Plug	8230133	4.000	Ea
1060	Water Serv, Long	8230245	2.000	Ea
1070	Water Shutoff, Adj, Case 1	8230421	7.000	Ea
1080	Water Shutoff, Adj, Case 2	8230422	21.000	Ea
1090	Gate Box, Adj, Case 1	8230431	7.000	Ea
1100	Gate Box, Adj, Case 2	8230432	11.000	Ea
1110	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	450.000	Ft
1120	_ Water Main, PVC, 10 inch, Tr Det G, Modified	8237001	21.000	Ft
1130	_ Water Main, PVC, 6 inch, Tr Det G, Modified	8237001	81.000	Ft

1140	_ Connection to Existing 10 inch Water Main	8237050	4.000	Ea
1150	_ Live Tap, 6 inch by 10 inch	8237050	7.000	Ea
1160	_ Railroad Protection, at Grade Crossing	8507060	5,600.000	Dlr

Section: 2

1170	_ Headwall, Partial, Remove	2047001	34.000	Ft
1180	Backfill, Structure, CIP	2060002	654.000	Cyd
1190	Excavation, Fdn	2060010	153.000	Cyd
1200	Geotextile, Separator	3080005	9.000	Syd
1210	Steel Sheet Piling, Permanent	7040001	6,552.000	Sft
1220	Steel Sheet Piling, Temp	7040002	2,400.000	Sft
1230	Pile Driving Equipment, Furn East (Steel)	7050002	1.000	LSUM
1240	Pile Driving Equipment, Furn East (Timber)	7050002	1.000	LSUM
1250	Pile Driving Equipment, Furn West (Steel)	7050002	1.000	LSUM
1260	Pile Driving Equipment, Furn West (Timber)	7050002	1.000	LSUM
1270	Pile, Treated Timber, Furn	7050010	1,680.000	Ft
1280	Pile, Treated Timber, Driven	7050011	1,680.000	Ft
1290	Test Pile, Treated Timber	7050015	3.000	Ea
1300	Pile Point, Steel	7050039	12.000	Ea
1310	_ Pile, Steel, Furn and Driven, 10 inch	7057001	468.000	Ft
1320	_ Test Pile, Steel, 10 inch	7057050	4.000	Ea
1330	Conc, Grade S2	7060011	87.000	Cyd
1340	Reinforcement, Steel	7060090	6,750.000	Lb
1350	Reinforcement, Steel, Epoxy Coated	7060092	2,217.000	Lb
1360	Structural Steel, Mixed, Erect	7070050	1,990.000	Lb
1370	Structural Steel, Mixed, Furn and Fab	7070051	1,990.000	Lb
1380	_ Prefabricated Bridge, Furn (East Bridge)	7077051	1.000	LSUM
1390	_ Prefabricated Bridge, Furn (West Bridge)	7077051	1.000	LSUM
1400	_ Prefabricated Bridge, Install (East Bridge)	7077051	1.000	LSUM
1410	_ Prefabricated Bridge, Install (West Bridge)	7077051	1.000	LSUM
1420	_ Structure, Timber, Boardwalk	7097001	128.000	Ft
1430	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	90.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190906 013

Letting Date: September 6, 2019

Contract ID: 13131-206614

Description: Traffic signal modernization, advanced warning signs with flashing devices and sidewalk ramp upgrades on M-96 (Dickman Road) at Hill Brady Road in the city of Battle Creek, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206614A	N/A	N/A	M 13131

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 \$27,300.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	79.000	Ft
0040	Pavt, Rem	2040050	50.000	Syd
0050	Sidewalk, Rem	2040055	32.000	Syd
0060	Exploratory Investigation, Vertical	2040080	20.000	Ft
0070	Excavation, Earth	2050016	9.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	2.000	Cyd
0110	Erosion Control, Silt Fence	2080036	25.000	Ft
0120	Subbase, LM	3010003	16.000	Cyd
0130	Aggregate Base, 6 inch	3020016	44.000	Syd
0140	Maintenance Gravel, LM	3060021	20.000	Cyd
0150	HMA Surface, Rem	5010005	34.000	Syd
0160	HMA Quality Initiative	5010007	18.000	Dlr
0170	Hand Patching	5010025	9.000	Ton
0180	Lane Tie, Epoxy Anchored	6030030	5.000	Ea
0190	Pavt Repr, Nonreinf Conc, 9 inch	6030046	4.000	Syd
0200	Obstruction Removal	7180100	2,000.000	Dlr
0210	_ Pedestrian Path, Temp	8007001	80.000	Ft
0220	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0230	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
0240	_ Roadside Unit, Intersection	8007050	1.000	Ea
0250	Driveway, Nonreinf Conc, 8 inch	8010007	1.000	Syd
0260	Curb and Gutter, Conc, Det F4	8020038	39.000	Ft
0270	Detectable Warning Surface	8030010	44.000	Ft

0280	Curb Ramp Opening, Conc	8030030	52.000	Ft
0290	Sidewalk Ramp, Conc, 6 inch	8030036	604.000	Sft
0300	Sidewalk, Conc, 4 inch	8030044	25.000	Sft
0310	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	724.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	337.000	Ft
0330	Rem Spec Mrkg	8110343	350.000	Sft
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0360	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Plastic Drum, Fluorescent, Furn	8120252	34.000	Ea
0410	Plastic Drum, Fluorescent, Oper	8120253	34.000	Ea
0420	Sign Cover	8120310	4.000	Ea
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	358.000	Sft
0440	Sign, Type B, Temp, Prismatic, Oper	8120351	358.000	Sft
0450	Cable Pole, TS, Disman	8190010	2.000	Ea
0460	Conduit, DB, 1, 1 1/2 inch	8190027	90.000	Ft
0470	Conduit, DB, 3, 3 inch	8190035	55.000	Ft
0480	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0490	Hh, Polymer Conc	8190250	2.000	Ea
0500	Hh, Rem	8190254	6.000	Ea
0510	Hh, Round, 3 foot dia	8190259	1.000	Ea
0520	Hh, Round	8190260	5.000	Ea
0530	Cable, Sec, 600V, 1, 3/C#6	8190399	30.000	Ft
0540	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
0550	Case Sign, Rem	8200020	1.000	Ea
0560	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0570	Controller and Cabinet, Rem	8200030	3.000	Ea
0580	Controller Fdn, Base Mount	8200045	1.000	Ea
0590	Global Positioning System Module	8200050	1.000	Ea
0600	Fdn, Rem	8200065	2.000	Ea
0610	Fish Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0620	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0630	Pedestal, Alum	8200100	7.000	Ea
0640	Pedestal, Fdn	8200105	4.000	Ea
0650	Pedestal Fdn, Rem	8200106	2.000	Ea
0660	Pedestal, Rem	8200110	2.000	Ea
0670	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dir
0680	Pushbutton and Sign	8200121	4.000	Ea
0690	Pushbutton, Rem	8200122	4.000	Ea
0700	Serv Disconnect	8200135	3.000	Ea

0710	Serv Disconnect, Rem	8200136	3.000	Ea
0720	Span Wire	8200140	4.000	Ea
0730	Span Wire, Rem	8200141	1.000	Ea
0740	Span Wire Tether	8200142	4.000	Ea
0750	Steel Pole, Rem	8200145	2.000	Ea
0760	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0770	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0780	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0790	Cabinet, NEMA Type	8200186	1.000	Ea
0800	Warning Sign	8200260	2.000	Ea
0810	Warning Sign, Rem	8200261	2.000	Ea
0820	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0830	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
0840	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
0850	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
0860	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0870	Wireless Vehicle Detection System	8200422	1.000	Ea
0880	Wireless Vehicle Sensor Node	8200425	21.000	Ea
0890	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
0900	Strain Pole, Steel, 6 bolt, 36 foot	8200461	3.000	Ea
0910	Strain Pole Fdn, 6 Bolt	8200470	60.000	Ft
0920	Casing	8200480	46.000	Ft
0930	Cellular Modem, TS, 4G	8200498	1.000	Ea
0940	Backplate, TS	8200501	13.000	Ea
0950	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0960	Contractor Staking, Road Only	8240007	1.000	LSUM
0970	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0980	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0990	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
1000	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1010	Lightning Protection, Pole	8260021	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190906 014

Letting Date: September 6, 2019

Contract ID: 33000-202716

Description: Hot mix asphalt paving, concrete driveway, curb, gutter, sidewalk and ramps, drainage, signal work and pavement markings at various locations including Washington Woods Elementary, Hope Middle and Holt Jr. High Schools, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202716A	1900972	N/A	TA 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$99,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	11.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0060	Dr Structure, Rem	2030011	2.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	27.000	Ft
0080	Curb and Gutter, Rem	2040020	827.000	Ft
0090	Curb, Rem	2040021	13.000	Ft
0100	Fence, Rem	2040025	40.000	Ft
0110	Pavt, Rem	2040050	1,063.000	Syd
0120	Sidewalk, Rem	2040055	473.000	Syd
0130	Embankment, CIP	2050010	244.000	Cyd
0140	Excavation, Earth	2050016	1,280.000	Cyd
0150	_ Ditching, Special	2057001	1,238.000	Ft
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	31.000	Ea
0170	Erosion Control, Silt Fence	2080036	510.000	Ft
0180	Project Cleanup	2090001	1.000	LSUM
0190	Subbase, CIP	3010002	459.000	Cyd
0200	Aggregate Base, 4 inch	3020010	508.000	Syd
0210	Aggregate Base, 6 inch	3020016	3,987.000	Syd
0220	_ Drainage Aggregate, Type II	3047031	21.000	Ton
0230	Maintenance Gravel	3060020	60.000	Ton
0240	_ Geotextile Blanket	3087011	116.000	Syd
0250	Culv End Sect, Conc, 12 inch	4010047	5.000	Ea
0260	Culv, CI A, Conc, 12 inch	4010165	434.000	Ft
0270	Sewer, CI A, 12 inch, Tr Det A	4020004	128.000	Ft

0280	Sewer, CI E, 12 inch, Tr Det B	4020600	20.000	Ft
0290	_ Perforated Infiltration Pipe, HDPE Dual Wall, 8 inch	4027001	142.000	Ft
0300	Dr Structure Cover, Type B	4030010	1.000	Ea
0310	Dr Structure Cover, Type G	4030040	1.000	Ea
0320	Dr Structure Cover, Type K	4030050	1.000	Ea
0330	Dr Structure, 48 inch dia	4030210	3.000	Ea
0340	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0350	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0360	_ Public Utility Structure, Adj, Add Depth	4037001	2.000	Ft
0370	_ Maintenance Basin, 24 inch dia	4037050	1.000	Ea
0380	_ Public Utility Structure Cover, Adj, Case I	4037050	12.000	Ea
0390	_ Public Utility Structure Cover, Adj, Case II	4037050	4.000	Ea
0400	HMA Surface, Rem	5010005	2,059.000	Syd
0410	Hand Patching	5010025	452.000	Ton
0420	HMA Approach	5010061	141.000	Ton
0430	Driveway, Nonreinf Conc, 6 inch	8010005	1,115.000	Syd
0440	Curb, Conc, Det E2	8020002	20.000	Ft
0450	Curb and Gutter, Conc, Det F2	8020036	15.000	Ft
0460	Curb and Gutter, Conc, Det F4	8020038	1,056.000	Ft
0470	Driveway Opening, Conc, Det M	8020050	48.000	Ft
0480	Spillway, Conc	8020075	14.000	Ft
0490	_ Curb and Gutter, Conc, Det D2, Modified	8027001	30.000	Ft
0500	Curb Ramp Opening, Conc	8030030	625.000	Ft
0510	Sidewalk Ramp, Conc, 6 inch	8030036	3,166.000	Sft
0520	Sidewalk, Conc, 4 inch	8030044	29,467.000	Sft
0530	Sidewalk, Conc, 6 inch	8030046	8,632.000	Sft
0540	_ Detectable Warning Surface, Cast Iron	8037001	413.000	Ft
0550	Post, Mailbox	8070095	11.000	Ea
0560	Post, Steel, 3 lb	8100371	1,080.000	Ft
0570	Sign, Type IIIB	8100405	535.000	Sft
0580	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,675.000	Ft
0590	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	17.000	Ft
0600	Pavt Mrkg, Waterborne, 6 inch, White	8110233	630.000	Ft
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	23.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	23.000	Ea
0630	Pedestrian Type II Barricade, Temp Pedestrian Type II, Barricade, Temp	8120026	11.000	Ea
0640	Dust Palliative, Applied	8120100	1.000	Ton
0650	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Plastic Drum, High Intensity, Furn	8120250	623.000	Ea
0690	Plastic Drum, High Intensity, Oper	8120251	623.000	Ea
0700	Sign Cover	8120310	30.000	Ea

0710	Sign, Type B, Temp, Prismatic, Furn	8120350	1,392.000	Sft
0720	Sign, Type B, Temp, Prismatic, Oper	8120351	1,392.000	Sft
0730	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	60.000	Sft
0740	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	60.000	Sft
0750	Traf Regulator Control	8120370	1.000	LSUM
0760	_ Turf Establishment	8167011	6,583.000	Syd
0770	Cable Pole, TS, Disman	8190010	2.000	Ea
0780	Conduit, DB, 1, 1 1/2 inch	8190027	113.000	Ft
0790	Conduit, DB, 1, 3 inch	8190029	60.000	Ft
0800	Hh, Polymer Conc	8190250	3.000	Ea
0810	Luminaire, Install Salv	8190350	1.000	Ea
0820	Luminaire, Rem and Salv	8190365	1.000	Ea
0830	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0840	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
0850	Wood Pole, Rem	8190505	1.000	Ea
0860	Controller and Cabinet, Rem	8200030	1.000	Ea
0870	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0880	Controller Fdn, Base Mount	8200045	1.000	Ea
0890	Pedestal, Alum	8200100	2.000	Ea
0900	Pedestal, Fdn	8200105	2.000	Ea
0910	Pedestal Fdn, Rem	8200106	1.000	Ea
0920	Pedestal, Rem	8200110	1.000	Ea
0930	Pushbutton and Sign	8200121	4.000	Ea
0940	Pushbutton, Rem	8200122	8.000	Ea
0950	Serv Disconnect	8200135	1.000	Ea
0960	Span Wire	8200140	1.000	Ea
0970	Span Wire, Rem	8200141	1.000	Ea
0980	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0990	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1000	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1010	TS, Four Way Span Wire Mtd, Salv	8200208	2.000	Ea
1020	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
1030	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
1040	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
1050	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1060	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
1070	Strain Pole Fdn, 6 Bolt	8200470	12.000	Ft
1080	Casing	8200480	9.000	Ft
1090	_ Optical Priority Control System	8207050	2.000	Ea
1100	_ Optical Priority Control System, Rem	8207050	2.000	Ea
1110	Hydrant, Relocate, Case 1	8230095	1.000	Ea
1120	Hydrant, Relocate, Case 2	8230096	1.000	Ea

1130	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
1140	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
1150	_ Block Wall, Landscape, Nonreinf	8507010	392.000	Sft
1160	_ Reimbursed Permit Fees	8507060	10,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190906 015

Letting Date: September 6, 2019

Contract ID: 81000-203466

Description: 0.25 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, drainage and pavement markings on Textile Road at Woodland Drive, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203466A	1900941	N/A	HSIP 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$57,100.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	8.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	140.000	Ft
0090	Sidewalk, Rem	2040055	15.000	Syd
0100	Ditch Cleanout	2050006	2.000	Sta
0110	_ Roadway Grading	2057002	14.000	Sta
0120	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0140	Erosion Control, Silt Fence	2080036	2,775.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	100.000	Cyd
0170	_ Aggregate Base, 10 inch, Modified	3027011	2,190.000	Syd
0180	_ Aggregate Base, Modified	3027031	60.000	Ton
0190	Maintenance Gravel	3060020	20.000	Ton
0200	_ Shoulder, CI II, 6 inch, Modified	3077011	255.000	Syd
0210	Culv End Sect, 12 inch	4010012	6.000	Ea
0220	Culv End Sect, 18 inch	4010018	1.000	Ea
0230	Culv End Sect, 21 inch	4010021	2.000	Ea
0240	Culv, CI E, 12 inch	4010539	60.000	Ft
0250	_ Culv, CI E, 21 inch	4017001	55.000	Ft
0260	Sewer, CI E, 12 inch, Tr Det B	4020600	510.000	Ft
0270	Sewer, CI E, 18 inch, Tr Det B	4020602	340.000	Ft

0280	Dr Structure Cover, Type B	4030010	1.000	Ea
0290	Dr Structure Cover, Type G	4030040	1.000	Ea
0300	Dr Structure Cover, Type K	4030050	8.000	Ea
0310	Dr Structure, 24 inch dia	4030200	3.000	Ea
0320	Dr Structure, 48 inch dia	4030210	7.000	Ea
0330	Underdrain, Subbase, 6 inch	4040063	1,710.000	Ft
0340	Underdrain Outlet, 6 inch	4040093	35.000	Ft
0350	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0360	HMA Surface, Rem	5010005	25.000	Syd
0370	HMA, 4E1	5010050	1,205.000	Ton
0380	HMA, 5E1	5010056	605.000	Ton
0390	HMA Approach	5010061	110.000	Ton
0400	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	800.000	Syd
0410	Curb and Gutter, Conc, Det F4	8020038	1,915.000	Ft
0420	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0430	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0440	Spillway, Conc	8020075	15.000	Ft
0450	_ Curb and Gutter, Conc, Det D2, Modified, Central	8027001	220.000	Ft
0460	_ Curb and Gutter, Conc, Det D2, Modified, Splitter	8027001	975.000	Ft
0470	Detectable Warning Surface	8030010	105.000	Ft
0480	Curb Ramp Opening, Conc	8030030	145.000	Ft
0490	Sidewalk, Conc, 4 inch	8030044	150.000	Sft
0500	_ Sidewalk Ramp, Conc, 8 inch	8037010	970.000	Sft
0510	Post, Mailbox	8070095	1.000	Ea
0520	Post, Steel, 3 lb	8100371	631.000	Ft
0530	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0540	Sign, Type III, Rem	8100403	21.000	Ea
0550	Sign, Type IIIA	8100404	41.000	Sft
0560	Sign, Type IIIB	8100405	216.000	Sft
0570	Sign, Type VB	8100425	12.000	Sft
0580	Reflective Panel for Permanent Sign Support, 3 foot	8100613	3.000	Ea
0590	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0600	_ Flexible Channelization Device	8107050	9.000	Ea
0610	_ Post Hole Through Conc for Steel Post, Modified	8107050	22.000	Ea
0620	Pavt Mrkg, Polyurea, Yield	8110103	3.000	Ea
0630	Recessing Pavt Mrkg, Longit	8110450	5,685.000	Ft
0640	Recessing Pavt Mrkg, Transv	8110451	720.000	Sft
0650	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	2,305.000	Ft
0660	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	45.000	Ft
0670	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	2,835.000	Ft
0680	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	1,215.000	Ft
0690	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, Yellow	8110507	65.000	Ft
0700	_ Pavt Mrkg, Wet Reflective, Polyurea, 12 inch, Crosswalk	8117001	305.000	Ft
0710	_ Pavt Mrkg, Polyurea, Special Arrow Sym	8117050	3.000	Ea

0720	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0730	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0740	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0750	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0760	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0790	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0800	Sign Cover	8120310	10.000	Ea
0810	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0820	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0830	Sign, Type B, Temp, Prismatic, Furn	8120350	469.000	Sft
0840	Sign, Type B, Temp, Prismatic, Oper	8120351	469.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	429.000	Sft
0860	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	429.000	Sft
0870	Traf Regulator Control	8120370	1.000	LSUM
0880	Riprap, Plain	8130010	30.000	Syd
0890	_ Turf Establishment, Performance	8167011	5,730.000	Syd
0900	Monument Box Adjust	8210005	1.000	Ea
0910	Monument Preservation	8210010	1.000	Ea
0920	Centerline Corrugations, Milled, HMA	8220013	960.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190906 016

Letting Date: September 6, 2019

Contract ID: 82000-203503-2

Description: 1.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb and ramps, joint repair, drainage and pavement markings on Beech Daly Road from Brest Road to Wick Road in the city of Taylor, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203503A	1900757	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$124,500.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	330.000	Syd
0030	Sidewalk, Rem	2040055	120.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0050	Project Cleanup	2090001	1.000	LSUM
0060	Subbase, CIP	3010002	10.000	Cyd
0070	Aggregate Base, 4 inch	3020010	280.000	Syd
0080	Shoulder, CI II, 8 inch	3070130	4,840.000	Syd
0090	Trenching	3070200	72.000	Sta
0100	Dr Structure Cover, Type B	4030010	3.000	Ea
0110	Dr Structure Cover, Type K	4030050	5.000	Ea
0120	Dr Structure Cover, Type Q	4030065	3.000	Ea
0130	Pavt, Cleaning	5010001	1.000	LSUM
0140	Cold Milling HMA Surface	5010002	36,010.000	Syd
0150	Bump Grinding	5010004	150.000	Syd
0160	Pavt Joint and Crack Repr, Det 7	5010020	14,200.000	Ft
0170	Pavt Joint and Crack Repr, Det 8	5010021	3,700.000	Ft
0180	Hand Patching	5010025	1,110.000	Ton
0190	HMA, 4E1	5010050	3,120.000	Ton
0200	HMA, 5E1	5010056	3,120.000	Ton
0210	HMA Approach	5010061	200.000	Ton
0220	_ Geosynthetic Paving Fabric	5017011	36,320.000	Syd
0230	Conc Base Cse, Nonreinf, 9 1/2 inch	6020022	440.000	Syd
0240	Cold Milling Conc Pavt	6030014	150.000	Syd
0250	Lane Tie, Epoxy Anchored	6030030	2,230.000	Ea
0260	Pavt Repr, Nonreinf Conc, 10 inch	6030048	185.000	Syd
0270	Pavt Repr, Rem	6030080	185.000	Syd

0280	Saw Cut, Intermediate	6030090	1,115.000	Ft
0290	_ Curb, Conc, Det E1, Modified	8027001	700.000	Ft
0300	Detectable Warning Surface	8030010	50.000	Ft
0310	Curb Ramp Opening, Conc	8030030	80.000	Ft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	550.000	Sft
0330	Post, Steel, 3 lb	8100371	96.000	Ft
0340	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0350	Sign, Type III, Rem	8100403	5.000	Ea
0360	Sign, Type IIIB	8100405	38.000	Sft
0370	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,320.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,880.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,720.000	Ft
0400	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	380.000	Ft
0410	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	100.000	Ft
0420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0430	_ Pavt Mrkg, Preformed Thermoplastic, Lt Turn Arrow Sym	8117050	4.000	Ea
0440	_ Pavt Mrkg, Preformed Thermoplastic, Only	8117050	4.000	Ea
0450	_ Pavt Mrkg, Preformed Thermoplastic, Rt Turn Arrow Sym	8117050	8.000	Ea
0460	_ Pavt Mrkg, Preformed Thermoplastic, School	8117050	3.000	Ea
0470	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0480	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0500	Channelizing Device, 42 inch, Furn	8120030	75.000	Ea
0510	Channelizing Device, 42 inch, Oper	8120031	75.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0560	Plastic Drum, High Intensity, Furn	8120250	125.000	Ea
0570	Plastic Drum, High Intensity, Oper	8120251	125.000	Ea
0580	Sign Cover	8120310	10.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	790.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	790.000	Sft
0610	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	510.000	Sft
0620	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	510.000	Sft
0630	_ Turf Establishment, Performance	8167011	1,190.000	Syd
0640	_ Reimbursed Permit Fees	8167060	3,075.000	Dlr
0650	Monument Box	8210001	2.000	Ea
0660	Monument Preservation	8210010	2.000	Ea
0670	Contractor Staking	8240001	1.000	LSUM
0680	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0690	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0700	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190906 017

Letting Date: September 6, 2019

Contract ID: 73000-205677

Description: 4.77 mi of hot mix asphalt cold milling and resurfacing, full depth joint and crack repairs and pavement markings on Tittabawassee Road from Midland Road (M-47) to Mackinaw Road, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205677A	1900975	N/A	STUL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$173,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	12.000	Ft
0030	Sidewalk, Rem	2040055	20.000	Syd
0040	Cold Milling HMA Surface	5010002	141,500.000	Syd
0050	Hand Patching	5010025	435.000	Ton
0060	HMA, 5E10	5010058	12,850.000	Ton
0070	_ Full Depth HMA Joint and Crack Repair, Special	5017001	10,000.000	Ft
0080	Detectable Warning Surface	8030010	10.000	Ft
0090	Curb Ramp Opening, Conc	8030030	12.000	Ft
0100	Sidewalk Ramp, Conc, 6 inch	8030036	72.000	Sft
0110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	240.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	264.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	11.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,750.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	57,350.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	14,750.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	57,350.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0240	Channelizing Device, 42 inch, Furn	8120030	750.000	Ea
0250	Channelizing Device, 42 inch, Oper	8120031	750.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,300.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,300.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,300.000	Ft
0300	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0310	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	1,570.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	1,570.000	Sft
0340	_ Turf Establishment, Performance-No Rye, Special	8167011	12.000	Syd
0350	TS Face, Bag	8200458	1.000	Ea
0360	TS Face, Bag, Rem	8200459	1.000	Ea
0370	Monument Preservation	8210010	18.000	Ea
0380	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190906 018

Letting Date: September 6, 2019

Contract ID: 23000-129912

Description: 0.34 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sanitary and storm sewer, water main and pavement markings on Jenne Street/Bridge Street from South Street to Jefferson Street in the city of Grand Ledge, Eaton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129912A	1900940	N/A	STU 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$119,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	15.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	311.000	Ft
0040	Curb and Gutter, Rem	2040020	3,220.000	Ft
0050	Pavt, Rem	2040050	3,325.000	Syd
0060	Sidewalk, Rem	2040055	1,480.000	Syd
0070	Exploratory Investigation, Vertical	2040080	55.000	Ft
0080	Excavation, Earth	2050016	4,350.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	600.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0110	_ Roadway Grading, Modified	2057002	17.000	Sta
0120	_ Non Haz Contaminated Liquid Handling and Disposal	2057021	10.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	41.000	Ea
0140	Subbase, CIP	3010002	2,930.000	Cyd
0150	Aggregate Base, 10 inch	3020026	8,785.000	Syd
0160	Geotextile, Stabilization	3080010	200.000	Syd
0170	Sewer, CI IV, 12 inch, Tr Det B	4020987	472.000	Ft
0180	Sewer, CI IV, 15 inch, Tr Det B	4020988	16.000	Ft
0190	Sewer, CI IV, 18 inch, Tr Det B	4020989	16.000	Ft
0200	Sewer, CI IV, 24 inch, Tr Det B	4020993	16.000	Ft
0210	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0220	Trench Undercut and Backfill	4021260	200.000	Cyd
0230	Video Taping Sewer and Culv Pipe	4021275	472.000	Ft
0240	_ Service Lead, Sanitary, 6 inch	4027001	1,101.000	Ft
0250	_ Sewer, Sanitary, 12 inch, Tr Det B	4027001	800.000	Ft

0260	_ Sewer, Sanitary, 8 inch, Tr Det B	4027001	685.000	Ft
0270	Dr Structure Cover, Adj, Case 1	4030005	27.000	Ea
0280	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0290	Dr Structure Cover, Type B	4030010	3.000	Ea
0300	Dr Structure Cover, Type K	4030050	12.000	Ea
0310	Dr Structure, 48 inch dia	4030210	8.000	Ea
0320	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
0330	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0340	Dr Structure, Temp Lowering	4030390	5.000	Ea
0350	_ Structure, Sanitary, 48 inch diameter	4037050	6.000	Ea
0360	Underdrain, Subgrade, 6 inch	4040073	3,508.000	Ft
0370	Cold Milling HMA Surface	5010002	1,850.000	Syd
0380	HMA Surface, Rem	5010005	7,882.000	Syd
0390	Hand Patching	5010025	30.000	Ton
0400	HMA, 13A	5010033	2,785.000	Ton
0410	Driveway, Nonreinf Conc, 6 inch	8010005	550.000	Syd
0420	Curb and Gutter, Conc, Det F4	8020038	3,318.000	Ft
0430	Driveway Opening, Conc, Det M	8020050	100.000	Ft
0440	Detectable Warning Surface	8030010	135.000	Ft
0450	Curb Ramp Opening, Conc	8030030	222.000	Ft
0460	Sidewalk Ramp, Conc, 4 inch	8030034	1,320.000	Sft
0470	Sidewalk, Conc, 4 inch	8030044	14,789.000	Sft
0480	_ Sidewalk, Clay Brick Pavers, Rem	8037010	1,225.000	Sft
0490	Post, Steel, 3 lb	8100371	465.000	Ft
0500	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0510	Sign, Type III, Rem	8100403	14.000	Ea
0520	Sign, Type IIIA	8100404	250.000	Sft
0530	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,008.000	Ft
0540	Pavt Mrkg, Polyurea, 12 inch, White	8110111	1,496.000	Ft
0550	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	160.000	Ft
0560	Pavt Mrkg, Waterborne, 4 inch, White	8110231	710.000	Ft
0570	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,838.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	710.000	Ft
0590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,838.000	Ft
0600	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0610	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
0620	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0630	Pavt Mrkg, Polyurea, School	8110414	1.000	Ea
0640	Pavt Mrkg, Polyurea, Stop	8110415	1.000	Ea
0650	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0660	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0670	Barricade, Type III, High Intensity, Lighted, Furn	8120022	26.000	Ea
0680	Barricade, Type III, High Intensity, Lighted, Oper	8120023	26.000	Ea
0690	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0700	Minor Traf Devices	8120170	1.000	LSUM

0710	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0730	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0740	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0750	_ Turf Establishment	8167002	17.000	Sta
0760	Conduit, DB, 1, 1 1/2 inch	8190027	20.000	Ft
0770	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
0780	Hh, Round	8190260	2.000	Ea
0790	Cable, Sec, 600V, 1, 3/C#6	8190399	150.000	Ft
0800	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	1.000	Ea
0810	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
0820	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0830	Pedestal, Alum	8200100	2.000	Ea
0840	Pedestal, Fdn	8200105	2.000	Ea
0850	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
0860	Pushbutton and Sign	8200121	2.000	Ea
0870	Serv Disconnect	8200135	1.000	Ea
0880	Span Wire	8200140	1.000	Ea
0890	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	1.000	Ea
0900	TS, Three Way Span Wire Mtd, One Sect (LED)	8200292	2.000	Ea
0910	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0920	Strain Pole Fdn, 6 Bolt	8200470	28.000	Ft
0930	Casing	8200480	10.000	Ft
0940	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	2.000	Ea
0950	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
0960	Water Main, 8 inch, Cut and Plug	8230132	5.000	Ea
0970	Gate Box, Adj, Case 1	8230431	11.000	Ea
0980	_ Water Main, DI, 6 inch, Tr Det G	8237001	20.000	Ft
0990	_ Water Main, DI, 8 inch, Tr Det G	8237001	690.000	Ft
1000	_ Gate Valve and Box, 6 inch	8237050	1.000	Ea
1010	_ Gate Valve and Box, 8 inch	8237050	1.000	Ea
1020	_ Water Serv	8237050	9.000	Ea
1030	_ Water Serv, Long	8237050	4.000	Ea



8/16/2019 8:49 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190906 019

Letting Date: September 6, 2019

Contract ID: 82000-206354

Description: Box culvert replacement with a precast three-sided or arch, guardrail, drainage and pavement markings on Pennsylvania Road over Blakely Drain, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206354A	N/A	N/A	BRT 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$92,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Stump, Rem, 6 inch to 18 inch	2020008	13.000	Ea
0040	Curb, Rem	2040021	92.000	Ft
0050	Guardrail, Rem	2040035	286.000	Ft
0060	Pavt, Rem	2040050	710.000	Syd
0070	Excavation, Earth	2050016	210.000	Cyd
0080	_ Embankment, CIP, Modified	2057021	11.000	Cyd
0090	_ Misc Subgrade Undercutting, Type IV	2057021	100.000	Cyd
0100	Erosion Control, Filter Bag	2080014	4.000	Ea
0110	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	1.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0130	Erosion Control, Silt Fence	2080036	365.000	Ft
0140	Erosion Control, Turbidity Curtain, Deep	2080042	90.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	_ Aggregate Base, 9 inch, Modified	3027011	1,016.000	Syd
0170	_ Misc Maintenance Aggregate, 21AA	3067031	40.000	Ton
0180	_ Shoulder, CI I, 6 inch, Modified	3077011	4.000	Syd
0190	_ Misc Structure Reconstruct	4037001	2.000	Ft
0200	_ Misc Structure Cover, Adj	4037050	1.000	Ea
0210	Underdrain Outlet, 4 inch	4040091	80.000	Ft
0220	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0230	_ Underdrain, Subgrade, 4 inch, Modified	4047001	360.000	Ft
0240	_ Underdrain, Subgrade, 6 inch, Modified	4047001	220.000	Ft
0250	HMA Surface, Rem	5010005	1,084.000	Syd
0260	Hand Patching	5010025	27.000	Ton
0270	Joint, Contraction, Cp	6020200	655.000	Ft
0280	_ Misc Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	1,008.000	Syd

0290	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0300	Spillway, Conc	8020075	6.000	Ft
0310	Guardrail, Type MGS-8	8070004	197.000	Ft
0320	Guardrail, Curved, Type B	8070010	25.000	Ft
0330	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0340	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0350	Guardrail Post, Culv	8070070	20.000	Ea
0360	Guardrail Reflector	8070080	14.000	Ea
0370	_ Guardrail Approach Terminal, Type 2M, Special	8077050	1.000	Ea
0380	Fence, Protective	8080007	300.000	Ft
0390	_ Misc Field Office	8097043	4.000	Mo
0400	_ Misc Sign, Type B, Perm	8107010	19.000	Sft
0410	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	75.000	Ft
0420	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	445.000	Ft
0430	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	100.000	Ft
0440	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	520.000	Ft
0450	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	100.000	Ft
0460	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	225.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	350.000	Ft
0530	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0540	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0550	Sign Cover	8120310	4.000	Ea
0560	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	656.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	656.000	Sft
0600	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	599.000	Sft
0610	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	599.000	Sft
0620	Topsoil Surface, Furn, 2 inch	8160060	455.000	Syd
0630	Water, Sodding/Seeding	8160090	25.000	Unit
0640	_ Sodding, Modified	8167011	455.000	Syd
0650	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0660	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0670	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
0680	_ Contractor Staking, Modified	8247051	1.000	LSUM

Section: 2

0690	Structures, Rem	2040060	1.000	LSUM
0700	Aggregate, 6A	2060001	67.000	Cyd
0710	Backfill, Structure, CIP	2060002	604.000	Cyd
0720	Excavation, Fdn	2060010	870.000	Cyd
0730	_ Geotextile, Separator, Non-Woven	3087011	738.000	Syd
0740	_ Culv Bedding	4017021	116.000	Cyd
0750	Underdrain Outlet, 6 inch	4040093	70.000	Ft
0760	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
0770	_ Underdrain, Fdn, 6 inch, Modified	4047001	230.000	Ft
0780	_ Culv, Precast Three-Sided or Arch, 24 foot x 8.92 foot, Modified	4067001	63.000	Ft
0790	Conc, Grade D	7060010	11.000	Cyd
0800	Conc, Low Temperature Protection	7060020	11.000	Cyd
0810	Elec Grounding System	7060040	1.000	Ea
0820	Reinforcement, Steel, Epoxy Coated	7060092	1,200.000	Lb
0830	Water Repellent Treatment, Penetrating	7060140	204.000	Syd
0840	_ Culvert Waterproofing Membrane	7107011	167.000	Syd
0850	Fence, Structure	8080110	334.000	Sft
0860	_ Articulating Conc Block System, 6 inch	8137011	66.000	Syd
0870	_ Riprap, Heavy, Modified	8137011	120.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190906 020

Letting Date: September 6, 2019

Contract ID: 01555-112771

Description: 1.49 mi of hot mix asphalt crush, shape, cold mill and resurface, concrete curb and gutter, guardrail, signing and pavement markings on Barlow Road from M-72 to the south village limit of Lincoln, Alcona County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
112771A	1900958	N/A	STL 01555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$58,400.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Curb and Gutter, Rem	2040020	384.000	Ft
0040	Embankment, CIP	2050010	542.000	Cyd
0050	Excavation, Earth	2050016	4,857.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	3,100.000	Cyd
0070	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0080	Erosion Control, Silt Fence	2080036	100.000	Ft
0090	Subbase, CIP	3010002	1,890.000	Cyd
0100	_ Aggregate Base, Modified	3027031	2,018.000	Ton
0110	HMA Base Crushing and Shaping	3050002	12,751.000	Syd
0120	_ HMA Base Crushing and Shaping, Special	3057011	3,615.000	Syd
0130	Maintenance Gravel	3060020	250.000	Ton
0140	Shoulder, CI II	3070121	937.000	Ton
0150	Trenching	3070200	132.000	Sta
0160	_ Approach, CI I, Modified	3077031	134.000	Ton
0170	_ Approach, CI II, Modified	3077031	81.000	Ton
0180	_ Culv, CI F, 15 inch, Modified	4017001	144.000	Ft
0190	HMA Surface, Rem	5010005	1,727.000	Syd
0200	HMA Approach	5010061	305.000	Ton
0210	HMA, LVSP	5010703	5,411.000	Ton
0220	_ HMA Valley Gutter	5017001	1,294.000	Ft
0230	_ Cold Milling HMA Surface, Modified	5017011	13,420.000	Syd
0240	Curb and Gutter, Conc, Det B2	8020016	384.000	Ft
0250	Guardrail, Type MGS-8	8070004	325.000	Ft
0260	Guardrail, Curved, Type MGS-8	8070012	50.000	Ft
0270	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea

0280	Guardrail Reflector	8070080	14.000	Ea
0290	_ Post, Mailbox, Modified	8077050	25.000	Ea
0300	Post, Steel, 3 lb	8100371	506.000	Ft
0310	Sign, Type IIB	8100399	31.000	Sft
0320	Sign, Type IIIA	8100404	75.000	Sft
0330	Sign, Type IIIB	8100405	105.000	Sft
0340	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0350	_ Sign, Type II, Rem, Modified	8107050	8.000	Ea
0360	_ Sign, Type III, Rem, Modified	8107050	32.000	Ea
0370	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,234.000	Ft
0380	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,892.000	Ft
0390	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
0400	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0430	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0440	Channelizing Device, 42 inch, Oper	8120031	100.000	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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	630.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	630.000	Ft
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	452.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	452.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	170.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	170.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	Riprap, Plain	8130010	50.000	Syd
0560	Paved Ditch, HMA	8140010	45.000	Syd
0570	_ Slope Restoration	8167002	22.000	Sta
0580	Centerline Corrugations, Milled, HMA	8220013	689.000	Ft
0590	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	689.000	Ft



8/16/2019 8:49 AM

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Schedule of Pay Items

Report v1

Letting Call: 190906 021**Letting Date:** September 6, 2019**Contract ID:** 22000-202715

Description: Concrete sidewalk, ramps, curb and gutter, drainage and pavement markings on Pyle Drive at Woodland Elementary and Kingsford Middle Schools in the city of Kingsford, Dickinson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202715A	1900938	N/A	TAL 22000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0030	Curb and Gutter, Rem	2040020	780.000	Ft
0040	Sidewalk, Rem	2040055	515.000	Syd
0050	Embankment, CIP	2050010	618.000	Cyd
0060	Excavation, Earth	2050016	1,057.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0080	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0090	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0100	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0110	Dr Structure Cover, Type Q	4030065	1.000	Ea
0120	_ Dr Structure Cover, ADA Compliant	4037050	7.000	Ea
0130	HMA Surface, Rem	5010005	1,500.000	Syd
0140	Hand Patching	5010025	194.000	Ton
0150	Curb and Gutter, Conc, Det C2	8020021	618.000	Ft
0160	Detectable Warning Surface	8030010	376.000	Ft
0170	Curb Ramp Opening, Conc	8030030	413.000	Ft
0180	Sidewalk Ramp, Conc, 4 inch	8030034	4,090.000	Sft
0190	Sidewalk, Conc, 4 inch	8030044	52,860.000	Sft
0200	Sidewalk, Conc, 6 inch	8030046	7,600.000	Sft
0210	Post, Steel, 3 lb	8100371	854.000	Ft
0220	Sign, Type III, Erect, Salv	8100402	21.000	Ea
0230	Sign, Type III, Rem	8100403	21.000	Ea
0240	Sign, Type IIIA	8100404	92.000	Sft
0250	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,048.000	Ft
0260	Pavt Mrkg, Polyurea, Bike, Large Symbol	8110104	28.000	Ea
0270	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	28.000	Ea

0280	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	555.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, White	8110233	21,460.000	Ft
0300	Pedestrian Type II Barricade, Temp	8120026	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	Plastic Drum, High Intensity, Furn	8120250	54.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	54.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	132.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	132.000	Sft
0380	Slope Restoration, Type A	8160100	9,167.000	Syd
0390	Hydrant, Relocate, Case 2	8230096	1.000	Ea

**Schedule of Pay Items**

Report v1

Letting Call: 190906 022**Letting Date:** September 6, 2019**Contract ID:** 82022-129392**Description:** Traffic signal modernizations, ramp upgrades and ITS/connected vehicles installation at 10 locations and pavement markings on various routes in the cities of Dearborn, Plymouth, Livonia and Harper Woods, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129392A	1901033	N/A	STG 82022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$211,400.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0030	Curb and Gutter, Rem	2040020	550.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0050	Sidewalk, Rem	2040055	583.000	Syd
0060	Exploratory Investigation, Vertical	2040080	150.000	Ft
0070	Excavation, Earth	2050016	29.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0100	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0110	Aggregate Base, 6 inch	3020016	45.000	Syd
0120	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0130	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0140	Hand Patching	5010025	39.000	Ton
0150	Conc Base Cse, Nonreinf, 6 inch	6020015	586.000	Syd
0160	Coating Galvanized Support Structures	7160010	8.000	Ea
0170	_ Pedestrian Path, Temp	8007001	100.000	Ft
0180	_ Managed Field Ethernet Switch, Fiber Capable	8007050	10.000	Ea
0190	_ Pedestrian Ramp, Temp	8007050	4.000	Ea
0200	_ Roadside Unit, Intersection	8007050	10.000	Ea
0210	Driveway, Nonreinf Conc, 6 inch	8010005	6.000	Syd
0220	Curb and Gutter, Conc, Det F2	8020036	364.000	Ft
0230	Detectable Warning Surface	8030010	233.000	Ft
0240	Curb Ramp Opening, Conc	8030030	248.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	3,973.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	607.000	Sft
0270	Sidewalk, Clay Brick Pavers, Rem	8030051	37.000	Sft

0280	_ Brick Paver, Install Salv	8037010	37.000	Sft
0290	_ Sidewalk, Conc, 6 inch, Decorative	8037010	957.000	Sft
0300	Fence, Protective	8080007	400.000	Ft
0310	Band, Sign	8100010	4.000	Ea
0320	Fdn, Wood Support, Rem	8100280	2.000	Ea
0330	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
0340	Post, Steel, 3 lb	8100371	274.000	Ft
0350	Post, Wood, 6 inch by 8 inch	8100382	34.000	Ft
0360	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0370	Sign, Type II, Rem	8100397	1.000	Ea
0380	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0390	Sign, Type III, Rem	8100403	28.000	Ea
0400	Sign, Type IIIA	8100404	18.000	Sft
0410	Sign, Type IIIB	8100405	76.000	Sft
0420	Mast Arm Pole, Cat I	8100510	4.000	Ea
0430	Mast Arm, 35 foot, Cat I	8100523	1.000	Ea
0440	Mast Arm, 40 foot, Cat I	8100524	2.000	Ea
0450	Mast Arm, 50 foot, Cat I	8100526	1.000	Ea
0460	Mast Arm Pole Fdn, 6 Bolt	8100550	61.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	5.000	Ea
0510	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	945.000	Ft
0520	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	247.000	Ft
0530	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	600.000	Ft
0540	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	205.000	Ft
0550	Pavt Mrkg, Thermopl, 4 inch, White	8110195	2,000.000	Ft
0560	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	400.000	Ft
0570	Pavt Mrkg, Thermopl, 6 inch, Yellow	8110199	1,000.000	Ft
0580	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	200.000	Ft
0590	Rem Spec Mrkg	8110343	595.000	Sft
0600	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0610	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0620	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0630	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0640	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0650	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Mobile Attenuator	8120180	1.000	Ea
0690	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,970.000	Ft
0700	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	160.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120245	1,000.000	Ft

	White, Temp			
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0730	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0740	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0750	Sign Cover	8120310	10.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	Slope Restoration, Type A	8160100	250.000	Syd
0800	_ Turf Establishment, Performance	8167011	110.000	Syd
0810	Cable Pole, Sec, Disman	8190006	1.000	Ea
0820	Cable Pole, TS and Sec, Disman	8190009	8.000	Ea
0830	Cable Pole, TS, Disman	8190010	1.000	Ea
0840	Cable, Rem	8190016	4,490.000	Ft
0850	Conduit, DB, 1, 1 1/2 inch	8190027	1,135.000	Ft
0860	Conduit, DB, 1, 3 inch	8190029	70.000	Ft
0870	Conduit, DB, 3, 3 inch	8190035	495.000	Ft
0880	Conduit, DB, 4, 3 inch	8190038	110.000	Ft
0890	Hh, Adj	8190244	4.000	Ea
0900	Hh, Polymer Conc	8190250	20.000	Ea
0910	Hh, Rem	8190254	15.000	Ea
0920	Hh, Round, 3 foot dia	8190259	10.000	Ea
0930	Hh, Round	8190260	29.000	Ea
0940	Cable, Sec, 600V, 1, 3/C#6	8190399	1,085.000	Ft
0950	Cable, Shielded, 600V, 1, 2/C#12, Intercn	8190425	1,400.000	Ft
0960	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
0970	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	5.000	Ea
0980	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0990	Wood Pole, Rem	8190505	3.000	Ea
1000	Conduit, Directional Bore, 1, 3 inch	8190602	715.000	Ft
1010	Conduit, Directional Bore, 2, 3 inch	8190604	120.000	Ft
1020	_ Cable, P.J., 600V, 1, 2/C#16	8197001	1,540.000	Ft
1030	_ Cable, P.J., 600V, 1, 7/C#16	8197001	1,710.000	Ft
1040	_ Conduit, DB, 1, 1 inch	8197001	150.000	Ft
1050	_ Conduit, DB, 1, 2 inch	8197001	200.000	Ft
1060	Case Sign, Rem	8200020	13.000	Ea
1070	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
1080	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	19.000	Ea
1090	Controller and Cabinet, Rem	8200030	8.000	Ea
1100	Controller Fdn, Base Mount	8200045	10.000	Ea
1110	Controller Fdn, Rem	8200046	1.000	Ea
1120	Global Positioning System Module	8200050	4.000	Ea
1130	Global Positioning System Module, Rem	8200053	1.000	Ea
1140	Global Positioning System Module, Salv	8200054	1.000	Ea

1150	Fdn, Rem	8200065	9.000	Ea
1160	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	10.000	Ea
1170	Pedestal, Alum	8200100	14.000	Ea
1180	Pedestal, Fdn	8200105	23.000	Ea
1190	Pedestal Fdn, Rem	8200106	13.000	Ea
1200	Pedestal, Rem	8200110	15.000	Ea
1210	Pedestal, Underground Serv, Unmetered	8200112	5.000	Ea
1220	Power Co. (Est. Cost to Contractor)	8200116	17,785.000	Dlr
1230	Pushbutton and Sign	8200121	17.000	Ea
1240	Pushbutton, Rem	8200122	3.000	Ea
1250	Pushbutton Pedestal, Alum	8200123	6.000	Ea
1260	Pushbutton and Sign, Salv	8200126	2.000	Ea
1270	Serv Disconnect	8200135	9.000	Ea
1280	Serv Disconnect, Rem	8200136	1.000	Ea
1290	Span Wire	8200140	33.000	Ea
1300	Span Wire, Rem	8200141	12.000	Ea
1310	Span Wire Tether	8200142	33.000	Ea
1320	Steel Pole, Rem	8200145	9.000	Ea
1330	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
1340	TS, Pedestal Mtd, Rem	8200179	7.000	Ea
1350	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	14.000	Ea
1360	TS, Pedestrian, Pedestal Mtd, Rem	8200181	12.000	Ea
1370	TS, Span Wire Mtd, Rem	8200182	36.000	Ea
1380	Cabinet, NEMA Type	8200186	10.000	Ea
1390	TS, One Way Span Wire Mtd (LED)	8200313	71.000	Ea
1400	TS, One Way Span Wire Mtd, FYA (LED)	8200314	10.000	Ea
1410	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	5.000	Ea
1420	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1430	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	8.000	Ea
1440	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	10.000	Ea
1450	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
1460	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	7.000	Ea
1470	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	6.000	Ea
1480	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
1490	TS, Antenna	8200367	6.000	Ea
1500	TS, Antenna, Rem	8200368	6.000	Ea
1510	Bracket, Truss, With 18 Foot Arm	8200378	12.000	Ea
1520	Wireless Intercon, Closed Loop, Remote	8200395	8.000	Ea
1530	Wireless Vehicle Detection System	8200422	3.000	Ea
1540	Wireless Vehicle Sensor Node	8200425	18.000	Ea
1550	Hemispherical Video Detection Camera	8200444	7.000	Ea
1560	Hemispherical Video Detection System	8200445	5.000	Ea

1570	Junction Box, Span Wire	8200456	33.000	Ea
1580	Junction Box, Rem	8200457	11.000	Ea
1590	Strain Pole, Steel, 6 bolt, 30 foot	8200460	26.000	Ea
1600	Strain Pole, Steel, 6 bolt, 36 foot	8200461	11.000	Ea
1610	Strain Pole Fdn, 6 Bolt	8200470	607.000	Ft
1620	Casing	8200480	154.000	Ft
1630	Cellular Modem, TS, 4G	8200498	10.000	Ea
1640	Backplate, TS	8200501	100.000	Ea
1650	_ Controller, NEMA, ATC Type	8207050	10.000	Ea
1660	_ St Name Sign, Two Way, (LED), 6 foot	8207050	2.000	Ea
1670	_ TS, One Way Span Wire Mtd, Right Turn Arrow (LED)	8207050	4.000	Ea
1680	_ TS, Wireless Link, 5.9 Gigahertz, Remote	8207050	1.000	Ea
1690	Monument Box Adjust	8210005	1.000	Ea
1700	Contractor Staking, Road Only	8240007	1.000	LSUM
1710	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
1720	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
1730	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr
1740	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1750	Lightning Protection, Pole	8260021	10.000	Ea
1760	System Integration and Testing	8260160	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190906 023

Letting Date: September 6, 2019

Contract ID: 15012-205007

Description: Structural steel rehabilitation and electrical rehabilitation including submarine cable replacement on US-31 at the Charlevoix Bascule Bridge over the Pine River in the city of Charlevoix, Charlevoix County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205007A	1901017	N/A	NH 15012

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	10,500.000	Dlr
0060	_ Maintaining Navigation (B01 of 15012)	1077051	1.000	LSUM
0070	Mobilization, Max \$100,300.00	1500001	1.000	LSUM
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0090	Erosion Control, Turbidity Curtain, Deep	2080042	120.000	Ft
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0120	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0130	Ltg for Night Work	8120160	1.000	LSUM
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0170	Sign Cover	8120310	72.000	Ea
0180	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0190	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	660.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	660.000	Sft
0220	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	648.000	Sft
0230	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	648.000	Sft
0240	Contractor Staking	8240001	1.000	LSUM
0250	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0260	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr

0270	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
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Section: 2

0280	_ Structural Steel, Retrofit, Furn, Fab and Erect, Spec	7077030	5,000.000	Lb
0290	_ Structural Steel, Rem and Re-Erect (B01 of 15012)	7077051	1.000	LSUM
0300	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0310	Beam Plate, Seal Perimeter	7130010	150.000	Ft
0320	_ Tread Casting Repair (B01 of 15012)	7137051	1.000	LSUM
0330	Steel Structure, Cleaning, Type 4	7150045	1.000	LSUM
0340	_ Heating and Housing (B01 of 15012)	7157051	1.000	LSUM
0350	Field Repair of Damaged Coating	7160001	1.000	LSUM
0360	_ Limit Switch, Rem and Replace	8007050	28.000	Ea
0370	_ Control System Installation (B01 of 15012)	8007051	1.000	LSUM
0380	_ Submarine Cable and Terminal Cabinet Installation (B01 of 15012)	8007051	1.000	LSUM



8/16/2019 8:49 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190906 024

Letting Date: September 6, 2019

Contract ID: 05031-206723

Description: Curve warning sign upgrades on various routes, Antrim, Charlevoix and Cheboygan Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206723A	1901025	N/A	HSIP 05031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$15,200.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	10,240.000	Ft
0030	Sign, Type II, Rem	8100397	103.000	Ea
0040	Sign, Type III, Rem	8100403	162.000	Ea
0050	Sign, Type IIIB	8100405	2,677.000	Sft
0060	Sign, Type V, Rem	8100421	1.000	Ea
0070	Sign, Type VB	8100425	876.000	Sft
0080	Reflective Panel for Permanent Sign Support, 6 foot	8100616	820.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	144.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	144.000	Sft



Schedule of Pay Items

Report v1

Letting Call: 190906 025

Letting Date: September 6, 2019

Contract ID: 47065-107031

Description: Carpool lot resurfacing and widening in the northwest quadrant of I-96 at Pinkney Road, Livingston County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
107031A	1901024	N/A	ST 47065

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,400.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	12.000	Cyd
0030	Excavation, Earth	2050016	350.000	Cyd
0040	Erosion Control, Silt Fence	2080036	550.000	Ft
0050	Aggregate Base, 6 inch	3020016	1,104.000	Syd
0060	HMA Surface, Rem	5010005	310.000	Syd
0070	HMA Quality Initiative	5010007	1,244.000	Dlr
0080	Edge Trimming	5010009	120.000	Ft
0090	Hand Patching	5010025	155.000	Ton
0100	HMA, 4E03	5010049	462.000	Ton
0110	HMA Approach	5010061	5.000	Ton
0120	Post, Steel, 3 lb	8100371	39.000	Ft
0130	Sign, Type IIIA	8100404	5.000	Sft
0140	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	155.000	Ft
0160	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	3,220.000	Ft
0170	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0180	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Sign Cover	8120310	2.000	Ea
0210	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	12.000	Sft
0220	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	12.000	Sft
0230	Slope Restoration, Type B	8160101	500.000	Syd
0240	Contractor Staking, Road Only	8240007	1.000	LSUM
0250	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0260	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0270	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190906 208

Letting Date: September 6, 2019

Contract ID: 81000-200818

Description: New culvert and crossings under railroad, pedestrian bridge and retaining walls on Depot Street and Main Street under Wolverine Line Railroad in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200818A	1900880	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1027051	1.000	LSUM
0020	_ Reimbursed Permit Fees	1027060	200.000	Dlr
0030	_ Additional Insurance	1077060	10,000.000	Dlr
0040	Mobilization, Max \$471,000.00	1500001	1.000	LSUM
0050	Clearing	2010001	2.000	Acre
0060	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0070	Stump, Rem, 6 inch to 18 inch	2020008	10.000	Ea
0080	Dr Structure, Rem	2030011	6.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	250.000	Ft
0100	Sewer, Rem, 24 inch to 48 inch	2030016	226.000	Ft
0110	Curb and Gutter, Rem	2040020	262.000	Ft
0120	Fence, Rem	2040025	743.000	Ft
0130	Pavt, Rem	2040050	1,470.000	Syd
0140	Sidewalk, Rem	2040055	48.000	Syd
0150	Exploratory Investigation, Vertical	2040080	150.000	Ft
0160	Embankment, CIP	2050010	2,950.000	Cyd
0170	Non Haz Contaminated Material Handling and Disposal, LM	2050031	400.000	Cyd
0180	Aggregate, 6A	2060001	80.000	Cyd
0190	Erosion Control, Filter Bag	2080014	2.000	Ea
0200	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0210	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0220	Erosion Control, Silt Fence	2080036	1,850.000	Ft
0230	_ Erosion Control, Inlet Filter	2087050	6.000	Ea
0240	Project Cleanup	2090001	1.000	LSUM
0250	Aggregate Base, 8 inch	3020020	1,305.000	Syd
0260	Outfall Label	4011115	1.000	Ea
0270	Sewer, CI E, 48 inch, Tr Det B	4020607	302.000	Ft

0280	Sewer Tap, 12 inch	4021204	1.000	Ea
0290	Sewer Tap, 36 inch	4021209	1.000	Ea
0300	Sewer Bulkhead, 36 inch	4021237	1.000	Ea
0310	Sewer Bulkhead, 48 inch	4021239	1.000	Ea
0320	_ Slotted Drain, Galv, 6 inch	4027001	252.000	Ft
0330	_ 8 inch PVC Check Valve	4027050	1.000	Ea
0340	_ Hazardous Waste Operations and Emergency Response Training	4027050	2.000	Ea
0350	_ Bypass Pumping, Storm Sewer	4027051	1.000	LSUM
0360	_ Dewatering System for Contaminated Groundwater, Site	4027051	1.000	LSUM
0370	Dr Structure Cover, Type B	4030010	3.000	Ea
0380	Dr Structure Cover, Type D	4030025	1.000	Ea
0390	Dr Structure Cover, Type E	4030035	1.000	Ea
0400	Dr Structure, 24 inch dia	4030200	1.000	Ea
0410	Dr Structure, 72 inch dia	4030230	3.000	Ea
0420	Dr Structure, 96 inch dia	4030234	1.000	Ea
0430	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0440	_ Clean Out	4037050	6.000	Ea
0450	_ Dr Structure, 18 inch dia, Special	4037050	1.000	Ea
0460	Cold Milling HMA Surface	5010002	3,250.000	Syd
0470	HMA, 13A	5010033	120.000	Ton
0480	Elec Grounding System	7060040	1.000	Ea
0490	_ Bollard	8007050	10.000	Ea
0500	_ Vibration Monitoring	8007051	1.000	LSUM
0510	Driveway, Nonreinf Conc, 9 inch	8010008	90.000	Syd
0520	Curb and Gutter, Conc, Det F3	8020037	30.000	Ft
0530	Curb and Gutter, Conc, Det F4	8020038	272.000	Ft
0540	Driveway Opening, Conc, Det M	8020050	31.000	Ft
0550	Sidewalk, Conc, 6 inch	8030046	300.000	Sft
0560	Shared use Path, Conc	8060020	327.000	Syd
0570	Shared use Path, HMA	8060040	146.000	Ton
0580	Fence, Chain Link, 72 inch	8080013	210.000	Ft
0590	_ Fence, Chain Link, 72 inch, Special	8087001	755.000	Ft
0600	_ Fence, Rustic Split Rail	8087001	82.000	Ft
0610	_ Ornamental Aluminum Fence, 72 inch	8087001	1,538.000	Ft
0620	_ Rail Type 1, Two Tube, Special	8087001	198.000	Ft
0630	_ Rebuild Timber Railing	8087001	60.000	Ft
0640	_ Fence, Protective, Special	8087010	11,700.000	Sft
0650	_ Access Gate	8087050	1.000	Ea
0660	Band, Sign	8100010	6.000	Ea
0670	Post, Steel, 3 lb	8100371	112.000	Ft
0680	Sign, Type IIIA	8100404	5.000	Sft
0690	Sign, Type IIIB	8100405	122.000	Sft
0700	Pavt Mrkg, Waterborne, 4 inch, White	8110231	490.000	Ft

0710	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,025.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	490.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,025.000	Ft
0740	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	400.000	Ft
0750	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0760	Barricade, Type III, High Intensity, Lighted, Furn	8120022	22.000	Ea
0770	Barricade, Type III, High Intensity, Lighted, Oper	8120023	22.000	Ea
0780	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0790	Ltg for Night Work	8120160	1.000	LSUM
0800	Minor Traf Devices	8120170	1.000	LSUM
0810	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,667.000	Ft
0820	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	618.000	Ft
0830	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,185.000	Ft
0840	Plastic Drum, High Intensity, Furn	8120250	92.000	Ea
0850	Plastic Drum, High Intensity, Oper	8120251	92.000	Ea
0860	Sign Cover	8120310	30.000	Ea
0870	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0880	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0890	Sign, Type B, Temp, Prismatic, Furn	8120350	457.000	Sft
0900	Sign, Type B, Temp, Prismatic, Oper	8120351	457.000	Sft
0910	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	177.000	Sft
0920	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	177.000	Sft
0930	Traf Regulator Control	8120370	1.000	LSUM
0940	Site Preparation, Max \$15,200.00	8150001	1.000	LSUM
0950	Watering and Cultivating, First Season, Min \$7,300.00	8150002	1.000	LSUM
0960	Watering and Cultivating, Second Season, Min \$9,100.00	8150003	1.000	LSUM
0970	Acer rubrum, 2 inch	8150149	14.000	Ea
0980	Alnus rugosa, bareroot, 18-24 inch	8150308	4.000	Ea
0990	Amelanchier x grandifolia Autumn Brilliance, #7 cont.	8150332	4.000	Ea
1000	Betula alleghenensis, bareroot, 24-36 inch	8150528	12.000	Ea
1010	Betula nigra, tree form, 2 inch	8150547	12.000	Ea
1020	Celtis occidentalis, 2 inch	8150780	4.000	Ea
1030	Cephalanthus occidentalis, bareroot, 18-24 inch	8150786	4.000	Ea
1040	Cornus racemosa, #5 cont.	8151025	4.000	Ea
1050	Cornus sericea, #2 cont.	8151062	4.000	Ea
1060	Gleditsia triacanthos inermis Majestic, 2 inch	8151654	4.000	Ea
1070	Hedera helix, #1 cont.	8151726	50.000	Ea
1080	Liriodendron tulipifera, 2 inch	8152177	12.000	Ea
1090	Nyssa sylvatica, 2 inch	8152513	12.000	Ea
1100	Picea glauca, 5 foot	8152758	7.000	Ea
1110	Pinus strobus, 5 foot	8152870	12.000	Ea
1120	Quercus bicolor, 2 inch	8153044	7.000	Ea

1130	Quercus rubra, 2 inch	8153126	6.000	Ea
1140	Viburnum dentatum, #3 cont.	8154041	4.000	Ea
1150	_ Acer Nigra', 3.0" Cal.	8157050	3.000	Ea
1160	_ Harmamells Virginiana, 36" Ht.	8157050	14.000	Ea
1170	_ Juniperus Chinensis "Sea Green", 24" Ht.	8157050	9.000	Ea
1180	_ Plantanus X Acerifolia, 3.0" Cal.	8157050	3.000	Ea
1190	_ Viburnum Dentatum, 36" Ht.	8157050	49.000	Ea
1200	Slope Restoration, Type A	8160100	5,000.000	Syd
1210	Slope Restoration, Type B	8160101	150.000	Syd
1220	_ Stockpiling Existing Stone Mulch	8167051	1.000	LSUM
1230	Conduit, Schedule 40, 1 inch	8190145	1,970.000	Ft
1240	Cable, Equipment Grounding Wire, 1/C#1	8190231	20.000	Ft
1250	Light Std Fdn	8190279	7.000	Ea
1260	Light Std Shaft, Install Salv	8190301	4.000	Ea
1270	Light Std Shaft, Rem and Salv	8190306	4.000	Ea
1280	Cable, P.J., 600V, 1, 3/C#10	8190375	4,970.000	Ft
1290	_ Conduit, Schedule 40, 8 inch	8197001	240.000	Ft
1300	_ Lighting Control Panel	8197050	1.000	Ea
1310	_ Luminaire, Decorative, Type (LA1)	8197050	2.000	Ea
1320	_ Luminaire, Decorative, Type (LA2)	8197050	1.000	Ea
1330	_ Luminaire, Decorative, Type (LD1)	8197050	6.000	Ea
1340	_ Luminaire, Decorative, Type (LD2)	8197050	2.000	Ea
1350	_ Luminaire, Wall Mount, Type (LC1)	8197050	2.000	Ea
1360	_ Luminaire, Wall Mount, Type (LC2)	8197050	3.000	Ea
1370	_ Luminaire, Wall Pack, Type (LB)	8197050	4.000	Ea
1380	_ Utility Work, Amtrak	8197051	1.000	LSUM
1390	_ Utility Work, CenturyLink	8197051	1.000	LSUM
1400	_ Utility Work, Level 3	8197051	1.000	LSUM
1410	_ Electrical Utility Service	8197060	10,200.000	Dlr
1420	TS Face, Bag	8200458	1.000	Ea
1430	TS Face, Bag, Rem	8200459	1.000	Ea
1440	Gate Valve and Box, 8 inch	8230052	1.000	Ea
1450	_ Convex Mirror	8507050	1.000	Ea
1460	_ Trash Receptacle	8507050	3.000	Ea
1470	_ Railroad Track Monitoring	8507051	1.000	LSUM
1480	_ Temp Haul Road	8507051	1.000	LSUM
1490	_ Railroad Inspection and Flagging	8507060	225,000.000	Dlr
1500	_ Railroad Protection	8507060	30,000.000	Dlr

Section: 2

1510	Structures, Rem	2040060	1.000	LSUM
1520	Structures, Rem Portions	2040061	1.000	LSUM
1530	Non Haz Contaminated Material Handling and Disposal, LM	2050031	13,165.000	Cyd
1540	Backfill, Structure, CIP	2060002	5,300.000	Cyd

1550	Excavation, Fdn	2060010	13,165.000	Cyd
1560	Underdrain, Fdn, 6 inch	4040033	711.000	Ft
1570	Culv, Precast Conc Box, 12 foot by 7 foot	4060148	237.000	Ft
1580	_ Culv, Precast Conc Box, 12 foot by 7 foot, Modified	4067001	182.000	Ft
1590	_ Culv, Precast Conc Box, 14 foot by 12 foot, Modified	4067001	88.000	Ft
1600	_ Culvert Bedding	4067021	672.000	Cyd
1610	Cofferdams, Left in Place (Box Culvert)	7040009	1.000	LSUM
1620	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	4,030.000	Sft
1630	_ Steel Sheet Piling, Temp, Special	7047010	546.000	Sft
1640	_ Seawall, Adjust	7047050	2.000	Ea
1650	Conc, Grade S2	7060011	7.000	Cyd
1660	Conc, Grade T	7060013	45.000	Cyd
1670	Reinforcement, Steel, Epoxy Coated	7060092	214,733.000	Lb
1680	Substructure Conc	7060100	1,713.000	Cyd
1690	Superstructure Conc	7060110	20.000	Cyd
1700	Superstructure Conc, Form, Finish, and Cure (Pedestrian Bridge)	7060111	1.000	LSUM
1710	Wall Drain	7060130	111.000	Sft
1720	Water Repellent Treatment, Penetrating	7060140	302.000	Syd
1730	_ Tieback Protective Sleeve	7067001	92.000	Ft
1740	_ Anti-Graffiti Coating	7067011	1,171.000	Syd
1750	Shear Developers	7070040	1.000	LSUM
1760	_ Prefabricated Bridge, Furn	7077051	1.000	LSUM
1770	_ Prefabricated Bridge, Installed	7077051	1.000	LSUM
1780	Joint Waterproofing	7100001	319.000	Sft
1790	Conc Surface Coating (Box Culvert)	7100010	1.000	LSUM
1800	Conc Surface Coating (Pedestrian Bridge)	7100010	1.000	LSUM
1810	Conc Surface Coating (Retaining Wall)	7100010	1.000	LSUM
1820	_ Texturing Conc	7107011	774.000	Syd
1830	_ Decorative Fence, 72 inch, Safety	8087001	50.000	Ft
1840	_ Ornamental Aluminum Fence, 48 inch	8087001	582.000	Ft
1850	Riprap, Heavy	8130005	89.000	Syd